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# 诺顿智能 传动全方案提供商

**NUODUN INTELLIGENCE**
Linear transmission solution provider
—
**www.nuodun.co**

## 齿轮减速机选型手册
**GEAR REDUCER SELECTION MANUAL**



专精特新中小企业
国家高新技术企业
浙江省级研发中心

NUODUN 诺顿

着力提升诺顿对客户、市场
社会的使用价值
致力于创建行业标杆公司

Dedicated To Promote The Use
Value Of NUODUN To Clients
Market And Society
Create A Outstanding
Benchmark Of Transmission Products

NUODUN 诺顿

# 关于我们 ABOUT US

诺顿，专注于驱动、传动与线性运动执行部件的研发与制造，致力于为全球工业设备提供高效、可靠、可定制的传动解决方案。

在半导体、医疗、军工、冶金、光伏、新能源材料装备、汽车装备、航空航天等数十个行业中，我们已积累超过 12 年的应用经验和技术沉淀。

我们的产品涵盖从动力输入到负载输出的全链条，包括：蜗轮丝杆升降机、锥齿轮升降机、滚珠丝杆升降机、行星减速机、斜齿轮减速机、蜗轮减速机、微型齿轮减速电机、电动缸、线性平台系统及非标定制执行单元等，共 7大系列、超过 20,000 种型号，全部通过 ISO 质量管理体系认证。

凭借深厚的工程技术能力与一体化制造优势，我们不仅提供标准化产品，还能够针对客户的应用场景提供定制化解决方案，实现高精度、高可靠性、高性价比、耐高低温、耐腐蚀、耐震动等特殊工况的工程支持。我们的核心竞争力源自持续的研发投入、自主的技术积累，以及在长周期验证与迭代中形成的高效、稳定的交付体系。

定制 + 一体化，构建诺顿核心竞争力。

“专业、专注、极致”是诺顿始终坚守的价值追求。我们相信，只有不断提升产品价值与客户价值，才能持续引领行业发展。未来，我们将继续将专业知识与先进设备和制造工具相结合，确保产品不断升级优化，保持行业领先地位。

选择诺顿，意味着选择一个可靠的长期合作伙伴。我们不仅提供产品，更为客户创造价值，让每一次运动更精准，让每一次提升更高效。

NUODUN focuses on the research and development and manufacturing of drive, transmission and linear motion execution components, committed to providing efficient, and customizable transmission solutions for industrial equipment worldwide.

In dozens of industries such as semiconductors, medical, military, metallurgy, photovoltaic, new energy equipment, automotive equipment, aerospace, etc., we have accumulated more than 12 years of application experience and technology accumulation.

Our products cover the entire chain power input to load output, including: worm gear screw lifting device, bevel gear lifting device, ball screw lifting device, planetary reducer, helical gear reducer, worm reducer, micro gear reducer motor, electric cylinder, linear platform system and non-standard custom execution unit, etc., with a total of 7 major series and more 20,000 models, all of which have passed the ISO quality management system certification.

With our deep engineering technology capabilities and integrated manufacturing advantages, we not provide standardized products, but also provide customized solutions for customers' application scenarios, achieving high precision, high reliability, high cost performance, high and low temperature resistance, corrosion resistance, shock and other special engineering support. Our core competitiveness comes from continuous R&D investment, independent technology accumulation, and the efficient and stable delivery system formed in the long-term verification iteration.

Customization  Integration, building NUODUN core competitiveness.

"Major, focus, extreme" is the value pursuit that NUODUN has always adhered to We believe that only by continuously improving product value and customer value can we continue to lead the development of the industry. In the future, we will continue to combine professional knowledge with advanced and manufacturing tools to ensure that products are constantly upgraded and optimized, and maintain a leading position in the industry.

Choosing NUODUN means choosing a reliable long-term partner. not only provide products, but also create value for customers, making every movement more accurate and every lift more efficient.

NUODUN 诺顿

**核心能力：**以传动技术为基，为客户创造全周期价值

诺顿专注于驱动、传动与线性运动执行部件的专业制造商，我们不止于生产产品，更以“简化设备结构、降低综合成本、提升项目效率”为核心目标，致力于成为客户从方案设计到项目落地的可靠合作伙伴。选择我们，您获得的将是覆盖项目全流程的定制化解决方案支持，而非单一部件。

**Core Competencies:** Create full-cycle value for customers based on transmission technology

NUODUN is a professional manufacturer focusing on driving, transmission and linear motion actuators. We are committed to providing customers with reliable support from scheme design to implementation, aiming to "simplify equipment structure, reduce comprehensive cost and improve project efficiency". By choosing us, you will get a customized solution covering the whole process of the, not just a single component.

**五大核心价值：**为项目降本增效

1. 简化设备结构：依托模块化产品设计与专业工程协助，优化设备整体架构，降低操作复杂度，提升易用性与维护便捷性。
2. 优化成本管控：在确保功能达标前提下，通过方案整合与成本分析，平衡性能与预算，提升整体解决方案性价比。
3. 定制非标方案：针对特殊工况（如极端温湿度、高负载、高精度要求）与个性化项目需求，提供专属非标设计与执行方案。
4. 全流程项目支持：从前期设计咨询、精准工程选型，到快速生产交付，全程介入保障项目高效推进。
5. 全球化服务网络：覆盖全球的交付体系与售后团队，无论项目所在地域，均能提供及时响应与技术支持。

**Five Core Values:** Cost reduction and efficiency enhancement for projects

1. Simplify equipment structure: Lever modular product design and professional engineering assistance to optimize the overall equipment architecture, reduce operational complexity, and enhance ease of use and maintenance convenience.
2. Optimize cost control: Balance and budget through solution integration and cost analysis while ensuring functional standards are met, to improve the overall cost-effectiveness of the solution.
3. Customize non-standard solutions Provide dedicated non-standard designs and implementation plans for special working conditions (such as extreme temperatures and humidity, high load, high precision requirements) and personalized project needs.
4. -process project support: Intervene throughout the entire process, from early-stage design consultation and precise engineering selection to rapid production and delivery, to ensure the project's efficient.
5. Global service network: Cover the global delivery system and after-sales team, providing timely response and technical support regardless of the project's location.

**四大服务能力：**覆盖设计到交付全链条

我们不只是部件供应商，更是贯穿项目全周期的制造合作伙伴，核心能力涵盖：

1. 工程技术支持：提供精准选型计算、3D模型绘制、设备结构优化等技术服务，助力方案落地。
2. 一体化制造：具备从核心部件机加工、整机组装、性能测试到整机交付的全流程制造能力，严控产品品质。
3. 定制化开发：深度对接项目需求，完成非标产品的设计、研发与生产，满足差异化应用场景。
4. 高效交付保障：样品交付周期约10个工作日，批量订单交付周期约3-4周，确保项目进度不受阻。

**Four Capabilities:** Cover the entire chain from design to delivery

We are not just a component supplier, but a manufacturing partner that spans the entire project cycle, with core capabilities including:

1. Engineering technical support: Provide precise selection calculation, 3D model drawing, equipment structure optimization, and other technical services to help solutions land.
2. Integrated manufacturing:ess the full-process manufacturing capability, from core component machining, overall assembly, performance testing to overall delivery, strictly controlling product quality.
3. Customized development: Deep connect with project needs, complete the design, R&D, and production of non-standard products, and meet the application scenarios of differentiated uses.
4. Efficient guarantee: The sample delivery cycle is about 10 working days, and the delivery cycle for bulk orders is about 3-4 weeks, ensuring that the project progress is notered.

**定制需求响应流程：**从想法到落地的六步闭环

1. 需求对接：深入沟通项目目标、工况条件与核心诉求，明确需求边界。
2. 方案设计：开展技术可行性评估，输出适配的产品结构方案与关键参数。
3. 商务确认：确认报价明细、合作条款与交付周期，达成合作共识。
4. 样品验证：完成样品试制，通过功能测试与结构核验，确保符合需求。
5. 批量生产：执行严格的质量管控标准，推进批量生产并按时交付。
6. 售后跟进：提供持续技术支持与售后响应，保障设备长期稳定运行。

**Customized Demand Response Process:** A six-step closed loop from idea to implementation

1. Demand Connection: Communicate in-depth about project goals, conditions, and core demands, and clarify the boundaries of demand.
2. Solution Design: Conduct technical feasibility assessments, output product structure plans and key parameters that meet the needs.
3. Business Confirmation: Confirm the detailed quotation, cooperation terms, and delivery cycle, and reach a cooperation consensus.
4. Sample Validation: Complete sample trial production pass function testing and structure verification, and ensure that it meets the requirements.
5. Mass Production: Implement strict quality control standards, carry out mass production, and deliver on.
6. After-sales Follow-up: Provide continuous technical support and after-sales response to ensure the long-term stable operation of the equipment

## 合作伙伴 PARTNER

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中国建材 · ACME 顶立科技 · Leadmicro 微号 · CSIC · XYE 信义能源 · glaston · SGNP GROUP · 苏试 · 京山轻机 JS.Machine · KING LONG
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BYD · ATV · ZPMC 上海振华重工 · SOUTH TECH 索奥斯 · 宇晶机器 · 楚天 TRUKING · RISONG 瑞松科技 · FAMSUN 丰尚 · HAILIANG 海亮股份 · CHR HANGKE

# 产品应用
# PRODUCT APPLICATIONS

造纸机械应用
Mechanical applications in papermaking

无纺布设备应用
Non-woven fabric applications

玻璃钢化设备应用
Glass toughening applications

焊接回转设备应用
Rotary welding applications

塑料压延设备应用
Plastic calendering applications

木地板UV辊涂设备应用
Wood flooring UV roll coating applications

PC板材设备应用
Application of PC plate equipment

冷弯成型设备应用
Application of cold bending forming equipment

飞机修造设备应用
Application of aircraft building equipment

窑炉热辊设备应用
Furnace hot roll applications

玻璃热端设备应用
Application of glass hot end equipment

焊管小车设备应用
Application of welding pipe trolley equipment

塑料压延设备应用
Application of plastic calendering equipment

化工设备应用
Application of chemical equipment

橡塑装备应用
Application of rubber and plastic equipment

单晶炉设备应用
Application of single crystal furnace equipment

冶金分切设备应用
Metallurgical slitting equipment

玻璃压延设备应用
Glass calendering equipment

**RFKS 齿轮减速机系列**
RFKS Helical gear reducer series

**RV 蜗轮蜗杆系列**
RV Worm gear reducer series
请参见紧凑型样本
Please refer to the compact sample

**KM系列准双曲面齿轮减速机**
KM series hypoid gear reducer
请参见紧凑型样本
Please refer to the compact sample

**ND微型齿轮减速电机系列**
ND Micro gear reduction motor series
请参见紧凑型样本
Please refer to the compact sample

**精密行星系列**
Precision planetary reducer series
请参见紧凑型样本
Please refer to the compact sample

**C系列齿轮减速电机**
C series gear reducer motor
请参见紧凑型样本
Please refer to the compact sample

**NDL伞齿轮滚珠丝杆升降机系列**
NDL Bevel gear ball screw jack series
请参见线性传动系列手册
Refer to the handbook of linear transmission series

**NDJ蜗轮丝杆升降机系列**
NDJ Worm gear screw jack series
**NDM/HK/SWL蜗轮丝杆升降机系列**
NDM/HK/SWL Worm gear screw jack series
请参见线性传动系列手册
Refer to the handbook of linear transmission series

**转向器系列**
Bevel gearbox series
请参见线性传动系列手册
Refer to the handbook of linear transmission series

**LAP推杆/非标定制系列**
LAP electric cyliner / custom made series
请参见线性传动系列手册
Refer to the handbook of linear transmission series

NUODUN 诺顿

R 斜齿轮减速机
R Helical Geared Motor

RX
RF
RXF

F 平行轴--斜齿轮减速机
F Parallel Shaft-Helical Geared Motor

FA
FF
FAF

K 斜齿轮--伞齿轮减速机
K Helical-Bevel Geared Motor

KA
KF
KAF

S 斜齿轮--蜗轮蜗杆减速机
S Helical-Worm Geared Motor

SA
SF
SAF



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# 2.齿轮系列产品说明

## Product Introduction

诺顿系列硬齿面齿轮减速电机是具有国际先进水平的著名品牌产品，包括R系列斜齿轮减速机、F系列平行轴 -- 斜齿轮减速机、K系列斜齿轮 -- 伞齿轮减速机、S系列斜齿轮 -- 蜗轮蜗杆减速机。

诺顿系列产品采用模块化产品优化设计理念，使用有限元分析软件，采用独特的低噪音齿轮齿形设计，确保设计的先进性；传动比分级精细，有数百万种不同的组合，可满足用户各种不同需求；从选料到制造单元加工，实现产品的高精度、免维护，可选范围广。

我公司还备有双联型减速机（输入端加装一个斜齿轮减速机）、锁紧盘、花键空心轴、B14法兰等多种组合方式供客户选择，详情请向我公司咨询。

NUODUN.. Series Geared Motor is the famous brand in drive field with international advanced level, including Series K Helical Geared Motor, F Series Parallel Shaft – Helical Geared Motor, K Series Helical – Bevel Geared Motor, S Sevies Helical – Worm.

NUODUN.. Series products follow Motor the philosophy of modularization and optimization, adopt finite element analysis method and unique lower noise technology in designing gear, to insure advanced design. The classi fication of ratio is so acurate that.

Our corpotation also provides other product options such as combined geared motor, shrink disk, spline hollow shaft, B14 flange, please consult our company for further information.





## 3. 型号说明 Model Notes

### 3.1 减速机符号说明 Reducer Model Introduction

R F 87 II D 100 M 4 / HF / TF / 124.97 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13

**1 产品代码**
R--斜齿轮减速电机
F--平行轴-斜齿轮减速电机
K--斜齿轮-伞齿轮减速电机
S--斜齿轮-蜗轮蜗杆减速电机

**2 装配型式**
无代码--底脚安装
F--法兰安装
..F--底脚法兰安装
X--底脚安装单级传动
XF--法兰安装单级传动

**3 减速机规格号**
87--减速机
规格号为87

**4 法兰盘大小**
无代码—无法兰，
或只有一种法兰，
或一种以上法兰中的最小法兰
II—两种法兰中的大法兰，
三种法兰中的法兰
III—三种法兰中的最大法兰

**5 电动机**
D--三相异步电动机（IP54、IP55）
YB--隔爆型三相异步电动机
YGP--辊道用变频三相异步电动机
YZP--冶金、起重用变频调速三相异步电动机
YVP--变频调速三相异步电动机
YD--变极多速三相异步电动机
YEJ--制动三相异步电机

**6 电动机规格代号**
100--电机中心
高为100mm

**7 电动机定子铁心长度代号**
D、K、N、S、
M、ML、L

**8 电动机极数**
4--电动机极数为4

**9 手动释放装置**
无代码--无手动释放装置
HF--手动释放
螺钉释放
HR--手动释放
手柄释放

**10 电机热保护**
无代码--无电机热保护
TF--热敏电阻保护装置
PTC热敏电阻
TH--恒温器保护装置
双金属片开关

**11 减速机转动比**
124.97--减速机
传动比为124.97

**12 安装位置**
M1—安装形式
图中M1位置

**13 接线盒位置**
无代码--安装型式
图中0° 位置
90° —安装型式
图中90° 位置

R F 87 II D 100 M 4 / HF / TF / 124.97 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13

**1 Product Code**
R--Helical Geared Motor
F--Parallel Shaft-Helical Geared Motor
K--Helical-Bevel Geared Motor
S--Helical-Worm Geared Motor

**2 Installation type**
No Code--Feet-mounted
F--Flange-mounted
F--Feet and Flange-mounted
X--Single-stage Feet-mounted
XF--Single-stage Flange-mounted

**3 Gear Unit Size**
87--Gear Unit Size 87

**4 Flange Size**
I--No Code--No flange or only one flange or the smallest flnge
II--Second bigger flange
III--Biggest flange

**5 Electromotor**
D--Three-phase Asychronous Motor(IP54、IP55)
YB--Flame-Proof with three-phese asychronous motor
YZP--Metallrvgy overweight with three-phese asychronous motor
YVP-- three phese asychronous motor asychronous motor with frequency
YD--Pole-Changing three-phese asychronous motor
YEJ - Three phase asynchronous brake motor

**6 Frame Size**
100--Height of motor center is 100mm

**7 Stator Length**
D、K、N、S、
M、ML、L

**8 Number of Poles**
4--4 Poles

**9 Brake Release**
No Code--NO Brake Release
HF--Manual release
Screw release
HR--Manual release
Hand release

**10 Thermistor**
No Code--NO Thermistor
TF--Thermistor Sensor
TF--Thermistor protection (PTC thermistor)
TH--Thermostat protection (Bimetal swoth)

**11 Ratio**
124.97--Ratio 124.97

**12 Mounting Position**
M1--Mounting Position
M1 Position in Picture

**13 Terminal Box Position**
No Code--Terminal Box Position is 0
90 --Terminal Box Position is 90

R..
F..
K..
S..
RV..

**F A 87 / G D 100 M 4 / HF / TF / 123.29 / M1 / 90°**

1 2 3 4 5 6 7 8 9 10 11 12 13

**1 产品代码**
R--斜齿轮减速电机
F--平行轴-斜齿轮减速电机
K--斜齿轮-伞齿轮减速电机
S--斜齿轮-蜗轮蜗杆减速电机

**2 装配型式**
无代码--底脚安装
F--法兰安装
A--空心轴安装
H--锁紧盘输出轴
V--花键空心轴
Z--B14法兰安装

**3 减速机规格号**
87--减速机
规格号为87

**4 扭矩臂**
无代码—无扭矩臂
G--扭矩臂

**5 电动机**
D--三相异步电动机（IP54、IP55）
YB--隔爆型三相异步电动机
YGP--锦通用变频三相异步电动机
YZP--冶金、起重用变频调速三相异步电动机
YVP--变频调速三相异步电动机
YD--变极多速三相异步电动机
YEJ--制动三相异步电机

**6 电动机规格代号**
100--电机中心
高为100mm

**7 电动机定子铁心长度代号**
D、K、N、S、
M、ML、L

**8 电动机极数**
4--电动机极数为4

**9 手动释放装置**
无代码--无手动释放装置
HF--手动释放
螺钉释放
HR--手动释放
手柄释放

**10 电机热保护**
无代码--无电机热保护
TF--热敏电阻保护装置
PTC热敏电阻
TH--恒温器保护装置
双金属片开关

**11 减速机转动比**
123.29--减速机
传动比为123.29

**12 安装位置**
M1--安装形式
图中M1位置

**13 接线盒位置**
无代码--安装型式
图中0°位置
90° --安装型式
图中90°位置

**F A 87 / G D 100 M 4 / HF / TF / 123.29 / M1 / 90°**

1 2 3 4 5 6 7 8 9 10 11 12 13

**1 Product Code**
R--Helical Geared Motor
F--Parallel Shaft-Helical Geared Motor
K--Helical-Bevel Geared Motor
S--Helical-Worm Geared Motor

**2 Unit Model**
No Code--Feet-mounted
F--Flange-mounted
A--Hollow Shaft-mounted
Z----B14 Flange mounted

**3 Gear Unit Size**
87--Gear Unit Size 87

**4 Torque Arm**
No Code--No Torque Arm
G--Torque Arm

**5 Electromotor**
D--Three--phase Asychron-ous Motor(IP54、IP55 )
YB--Flame-Proof with three-phese asychronous motor
YGP--Roller with three--phese asychronous motor
YZP--Metallrgy overweight with three-phese asychronous motor
YVP-- three phese asychronous motor asychronous motor with frequency
YD--Pole-Changing three--phese asychronous motor
YEJ - Three phase asynchronous brake motor

**6 Frame Size**
100--Height of motor center is 100mm

**7 Stator Length**
D、K、N、S、
M、ML、L

**8 Number of Poles**
4--4 Poles

**9 Brake Release**
No Code--NO Brake Release
HF--Manual release
Screw release
HR--Manual release
Hand release

**10 Thermistor**
No Code--NO Thermistor
TF--Thermistor Sensor
TF--Thermistor protection (PTC thermistor)
TH--Thermostat protection (Bimetal swoth)

**11 Ratio**
123.29--Ratio 123.29

**12 Mounting Position**
M1--Mounting Position
M1 Position in Picture

**13 Terminal Box Position**
No Code--Terminal Box Position is 0
90 --Terminal Box Position is 90



**K A 87 / T D 100 L 4 / HF / TF / 115.82 / B / M1 / 90°**

1 2 3 4 5 6 7 8 9 10 11 12 13 14

**1 产品代码**
R--斜齿轮减速电机
F--平行轴-斜齿轮减速电机
K--斜齿轮-伞齿轮减速电机
S--斜齿轮-蜗轮蜗杆减速电机

**2 装配型式**
无代码--底脚安装
F--法兰安装
A--空心轴安装
H--锁紧盘输出轴
V--花键空心轴
Z--B14法兰安装

**3 减速机规格号**
87--减速机
规格号为87

**4 扭矩臂**
无代码--无扭矩臂
T--扭矩臂

**5 电动机**
D--三相异步电动机（IP54、IP55）
YB--隔爆型三相异步电动机
YGP--锦通用变频三相异步电动机
YZP--冶金、起重用变频调速三相异步电动机
YVP--变频调速三相异步电动机
YD--变极多速三相异步电动机
YEJ--制动三相异步电机

**6 电动机规格代号**
100--电机中心
高为100mm

**7 电动机定子铁心长度代号**
D、K、N、S、
M、ML、L

**8 电动机极数**
4--电动机极数为4

**9 手动释放装置**
无代码--无手动释放装置
HF--手动释放
螺钉释放
HR--手动释放
手柄释放

**10 电机热保护**
无代码--无电机热保护
TF--热敏电阻保护装置
PTC热敏电阻
TH--恒温器保护装置
双金属片开关

**11 减速机转动比**
115.82--减速机
传动比为115.82

**12 轴指向**
A--轴指向为A
B--轴指向为B
AB--双输出轴

**13 安装位置**
M1--安装形式
图中M1位置

**14 接线盒位置**
无代码--安装型式
图中0°位置
90° --安装型式
图中90°位置

**K A 87 / T D 100 L 4 / HF / TF / 115.82 / B / M1 / 90°**

1 2 3 4 5 6 7 8 9 10 11 12 13 14

**1 Product Code**
R--Helical Geared Motor
F--Parallel Shaft-Helical Geared Motor
K--Helical-Bevel Geared Motor
S--Helical-worm Geared Motor

**2 Unit Model**
No Code--Feet-mounted
F--Flange-mounted
A--Hollow Shaft-mounted
Z--B14 Flange mounted

**3 Gear Unit Size**
87--Gear Unit Size 87

**4 Torque Arm**
No Code--No Torque Arm
T--Torque Arm

**5 Electromotor**
D--Three--phase Asychron-ous motor(IP54、IP55 )
YB--Flame-Proof with three-phese asychronous motor
YGP--Roller with three-phese asychronous motor
YZP--Metallrgy overweight with three-phese asychronous motor
YVP--three phese asychronous motor asychronous motor with frequency
YD--Pole-Changing three-phese asychronous motor
YEJ - Three phase asynchronous brake motor

**6 Frame Size**
100--Height of motor center 100mm

**7 Stator Length**
D、K、N、S、
M、ML、L

**8 Number of Poles**
4--4P

**9 Brake Release**
No Code--No Brakes Release
HF--Manual release
Screw release
HR--Manual release
Hand release

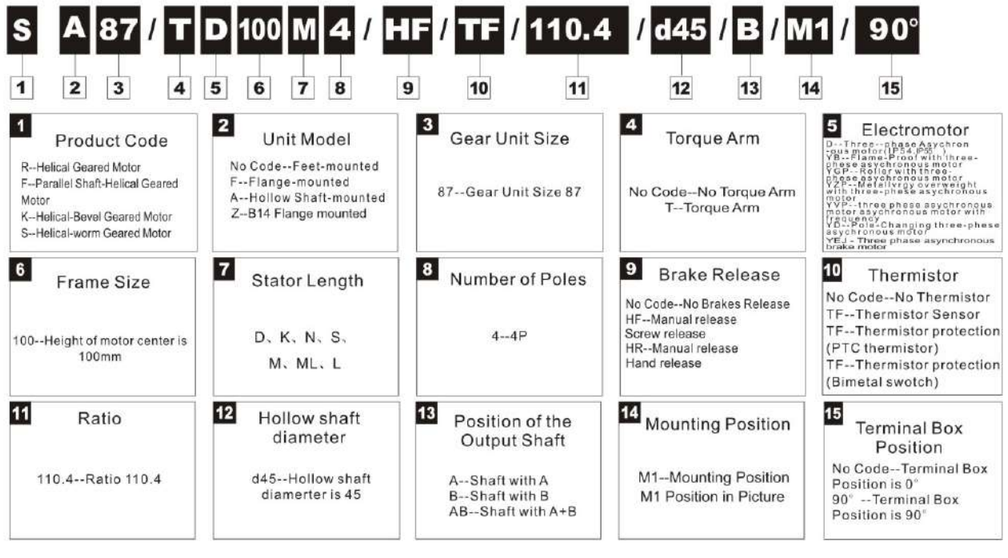
**10 Thermistor**
No Code--No Thermistor
TF--Thermistor Sensor
TF--Thermistor protection (PTC thermistor)
TF--Thermistor protection (Bimetal swotch)

**11 Ratio**
115.82--Ratio 115.82

**12 Position of the Output Shaft**
A--Shaft with A
B--Shaft with B
AB--Shaft with A+B

**13 Mounting Position**
M1--Mounting Position
M1 Position in Picture

**14 Terminal Box Position**
No Code--Terminal Box Position is 0°
90° --Terminal Box Position is 90°






## 3.2 减速机和减速制动电机供货型号
## 3.2 Type of gear motor and gear motor with brake

R、F、K、S
减速机
Gear motor

下表列出了可提供的斜齿轮(R)、平行轴(F)、斜齿轮-伞齿轮(K)和斜齿轮-蜗轮杆(S)减速机型号。

There are the types of helical(R), parallel shaft helical(F), helical-bevel(K) and helical-worm(S)geared motors. We supplied in the table.

| 型号 Model | 减速机 | | | |
|---|---|---|---|---|
| | 斜齿轮 (R) Helical | 平行轴 (F) Parallel shaft | 斜齿轮-伞齿轮 (K) Helical bevel | 斜齿轮-蜗轮蜗杆 (S) Helical worm |
| 底脚安装 Foot mounted | • | • | • | • |
| B5法兰安装 B5 flange mounted | • | • | • | • |
| 底脚/B5法兰安装 Foot/B5 flange mounted | • 2) | • | • 3) | – |
| 带键空心轴安装 Hollow shaft mounted | – | • | • 1) | • 1) |
| 带锁紧盘空心轴安装 Hollow shaft with shrink disk | – | • | • 1) | • 1) |
| 带花键空心轴安装 Splined hollow shaft mounted | – | • | • 1) | – |
| 带锁紧盘空心轴安装+底脚安装 Hollow shaft with shrink disk+foot mounted | – | • | • | – |
| 带键空心轴安装+底脚安装 Hollow shaft with Key+foot mounted | – | • | • | – |
| 带花键空心轴安装+底脚安装 Splined hollow shaft mounted+foot mounted | – | • | • | – |
| 带键空心轴安装+B5法兰安装 Hollow shaft with Key+B5 flange mounted | – | • | • | • |
| 带锁紧盘空心轴安装+B5法兰安装 Hollow shaft with shrink disk+B5 flange mounted | – | • | • | • |
| 带花键空心轴安装+B5法兰安装 Splined hollow shaft mounted+B5 flange mounted | – | • | • | – |
| 带键空心轴安装+B14法兰安装 Hollow shaft with Key+B14 flange mounted | – | • | • | • |
| 带锁紧盘空心轴安装+B14法兰安装 Hollow shaft with shrink disk+B14 flange mounted | – | • | • | • |
| 带花键空心轴安装+B14法兰安装 Splined hollow shaft mounted+B14 flange mounted | – | • | • | – |

· 适用于标准型号 The normal type
— 不可用 Can't use
1) 也可带力矩臂 You can use torque arm
2) 仅用于R17－R87 Only used by R 12－R87
3) 仅用于K127－K157 Only used by K 127–K157

多级减速机
Multi-stage gearedmotor

通过多级减速器或多减速电机，可获得特别低的输出转速。就是在输入端安装一个斜齿轮减速机或减速电机作为第二级齿轮箱。此时，要注意根据减速机最大许用的输出扭矩，限制电机功率。

You can achieve the particularly low output speed by using multi-stage geared motor. The method is mounting a helical gear unit as a second gear units on the input end. Notice that restrict the motor power according the maximum permitted output torque.

搅拌专用减速机
RM geared motor

RM减速电机作为斜齿轮减速电机的特殊规格，它带有一个加长的轴承箱，专为搅拌应用场合设计的，它可应用于承受大的径向力和轴向力甚至弯矩的场合，其它数据和斜齿轮减速电机相一致。

RM geared motors are a special type of helical geared motor with an expanded output bearing hub. They are specially designed for agitating applications and can be used in applicantions subject to high overhung and axial loads as well as flexural torque. The remaining data correspond with to the standard helical geared motors.

制动电机
Brake motors

根据需要可以把机械制动与诺顿电机及减速机合成一体提供,诺顿制动器是由带直线圈的电磁盘式制动器，通过电磁力打开，弹簧力制动.它的制动原理意味着断电制动，满足了基本安全需要，诺顿制动器如果安装手动释放，可实现机械式释放。手动释放有手柄或平头螺丝两种形式，手柄可自动弹回，平头螺丝可锁在释放位置。制动器通过装在电机接线盒或电气柜的制动控制系统来驱动。

On request,NUODUN motors and geared motors can be supplied with an integrated mechanical brake. The NUODUN brake is an electromagnetic disk brake withe a DC coil which is released electrically and braked using spring force. The design principle means the brake is applied if teh power fails. This means it complies with fundamental safety requirements. The NUODUN brake can also be released mechanically if fitted with manual brake release. For this purpose, either a hand lever or a setscrew is supplied with the brake. The hand lever aprings back automaticlally and the setscrew can be locked. The brake is activated by a brake control system which is in the wiring switch cabinet.

## 3.3 减速器及附件的名称
## 3.3 Unit designations gear units and options

斜齿轮减速机
Helical gear units

| | |
|---|---|
| R.. | 脚底安装<br>Foot - mounted |
| F.. | 法兰安装<br>Flange - mounted |
| R..F | 脚底–法兰安装<br>Foot and flange - mounted |
| RM.. | 带加长轴承箱,法兰安装<br>Flange - mounted with the extended bearing housing |
| RX.. | 单级法兰安装<br>Single - stage foot - mounted |
| RXF.. | 单级底脚安装<br>Single - stage flange - mounted |

平行轴减速机
Parallel shaft helical gear units

| | |
|---|---|
| F.. | 底脚安装<br>Foot mounted |
| FA..B | 底脚安装，空心轴<br>Flange mounted with hollow shaft |
| FH..B | 底脚安装，带锁紧盘空心轴<br>Foot mounted with hollow shaft and shrink disk |
| FV..B | 底脚安装，带花键空心轴<br>Foot mounted with hollow shaft and splined hollow shaft |
| FF.. | B5法兰安装<br>B5 flange mounted |
| FAF.. | B5法兰安装，空心轴<br>B5 flange mounted with hollow shaft |
| FHF.. | B5法兰安装，带锁键盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk |
| FVF.. | B5法兰安装，带花键空心轴<br>B5 flange mounted with spined hollow shaft disk |
| FA.. | 空心轴安装<br>Hollow shaft mounted |
| FH.. | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk |
| FV.. | 带花键空心轴安装<br>Splined hollow shaft mounted |
| FAZ.. | B14法兰安装，空心轴<br>B14 flange mounted with hollow shaft |
| FHZ.. | B14法兰安装，带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk |
| FVZ.. | B14法兰安装，带花键空心轴<br>B14 flange mounted with splined hollow shaft |

斜齿轮–伞齿轮减速机
Helical – bevel gear units

| | |
|---|---|
| K.. | 底脚安装<br>Foot mounted |
| KA..B | 底脚安装，空心轴<br>Foot mounted with hollow shaft |
| KH..B | 底脚安装，带锁紧盘空心轴<br>Foot mounted with hollow shaft and shrink disk |
| KV..B | 底脚安装，带花键空心轴<br>Foot mounted with hollow shaft and splined hollow shaft |
| KF.. | B5法兰安装<br>B5 flange mounted |
| KAF.. | B5法兰安装，空心轴<br>B5 flange mounted with hollow shaft |
| KHF.. | B5法兰安装，带锁键盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk |
| KVF.. | B5法兰安装，带花键空心轴<br>B5 flange mounted with spined hollow shaft disk |
| KA.. | 空心轴安装<br>Hollow shaft mounted |
| KH.. | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk |
| KV.. | 带花键空心轴安装<br>Splined hollow shaft mounted |
| KAZ.. | B14法兰安装，空心轴<br>B14 flange mounted with hollow shaft |
| KHZ.. | B14法兰安装，带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk |
| KVZ.. | B14法兰安装，带花键空心轴<br>B14 flange mounted with spined hollow shaft |

斜齿轮–蜗轮蜗杆减速机
Helical – worm gear units

| | |
|---|---|
| S.. | 底脚安装<br>Foot mounted |
| SF.. | B5法兰安装<br>B5 flange mounted |
| SAF.. | B5法兰安装，空心轴<br>B5 flange mounted with hollow shaft |
| SHF.. | B5法兰安装，带锁键盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk |
| SA.. | 空心轴安装<br>Hollow shaft mounted |
| SH.. | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk |
| SAZ.. | B14法兰安装，空心轴<br>B14 flange mounted with hollow shaft |
| SHZ.. | B14法兰安装，带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk |

## 3.4 交流电机及附件名称
## 3.4 The name of AC motors and its accessories

双速交流电机型号
Pole – Changing AC motors with soft start

| | |
|---|---|
| SD... | 双速电机法兰安装<br>Pole – Changing flange mounted |

电机选型
Motor options

| | |
|---|---|
| BMG | 制动器<br>Brake |
| ../HF | 手动释放（锁在制动释放位置）<br>..with lock manual brake release |
| ../HR | 手动释放（自动返回制动位置）<br>..with automatic manual brake disengagir |
| /RE | 逆止器<br>Backstop |
| /TF | 热敏电阻保护装置（PTC热敏电阻）<br>Thermistor sensor(PTC resistance) |
| /TH | 恒温器保护装置（双金属片开关）<br>Thermostat(bimetallic switch) |
| /U | 机身冷却（无通风）<br>Non – vemtilated |
| /V | 强制冷风扇3×380–415$V_{AC}$50HZ<br>Forced cooling fan. 3*380–415$V_{AC}$,50HZ |
| /VS | 强制冷风扇1×220–266$V_{AC}$50HZ<br>Forced cooling fan. 1*220–266$V_{AC}$,50HZ |
| /VR | 强制冷风扇1×24$V_{DC}$<br>Forced cooling fan. 1*24$V_{DC}$ |
| /Z | 高惯量飞轮风扇<br>Addition flywheel mass |
| /C | 风扇防雨罩<br>Protection cowl foe the fan guard |
| -SRD | SUP 辊道电机<br>SUP rooler motor |

编码器附件
Encoder on AC motor options

| | |
|---|---|
| ../H | 增量编码器<br>Absolute encoder cooling fan. |
| ../HR | 绝对值编码器，MPS和sin/cos信号，24$V_{DC}$电源<br>Absolute encoder with solid shaft. MSI and Sin/cos signals and 24$V_{DC}$ supply |
| /RE | 扩展轴编码器，TTL(RS–422)信号，5$V_{DC}$电源<br>Encoder with spread shaft. TTL(RS–422)signals and 5$V_{DC}$ supply |
| /TF | 扩展轴编码器，sin/cos信号，24$V_{DC}$电源<br>Encoder with spread shaft. signals and 24$V_{DC}$ supply |
| /TH | 扩展轴编码器，TTL(RS–422)信号，24$V_{DC}$电源<br>Encoder with spread shaft. TTL(RS–422)signals and 24$V_{DC}$ supply |
| /U | 扩展轴编码器，HTL<br>Encoder with spread shaft |
| /V | 实心轴编码器，TTL(RS–422)信号，5$V_{DC}$电源<br>Encoder with spread shaft. TTL(RS–422) signals and 5$V_{DC}$ supply |
| /VS | 实心轴编码器，sin/cos信号，24$V_{DC}$电源<br>Encoder with spread shaft. signals and 24$V_{DC}$ supply |
| /VR | 实心轴编码器，TTL(RS–422)信号，24$V_{DC}$电源<br>Encoder with spread shaft. TTL(RS–422) signals and 24$V_{DC}$ supply |
| /Z | 实心轴编码器，HTL<br>Encoder with spread shaft |
| /C | 接近开关，带A通道，24$V_{DC}$电源<br>Proximity sensor with A track and 24$V_{DC}$ supply |
| -SRD | 接近开关，带A、B通道，24$V_{DC}$电源<br>Proximity sensor with A/B track and 24$V_{DC}$ supply |

编码器安装附件
Mounting device for encoders on AC motor options

| | |
|---|---|
| ES..A | 扩展轴安装<br>..With spread shaft |
| EV1A | 实心轴安装托架<br>..With solid shaft |

# 4. 减速机选型

## 4.1 传动装置选型数据

准确地确定所需传动装置，下表所列的数据是必需的：

| 传动装置选型数据 | | | |
|---|---|---|---|
| $n_{amin}$ | 最小输出转速 | [rpm] | |
| $n_{amax}$ | 最大输出转速 | [rpm] | |
| $P_a$ at $n_{amax}$ | 最低输出转速下的输出功率 | [kW] | |
| $P_a$ at $n_{amax}$ | 最高输出转速下的输出功率 | [kW] | |
| $M_a$ at $n_{amax}$ | 最低输出转速下的输出扭矩 | [Nm] | |
| $M_a$ at $n_{amax}$ | 最高输出转速下的输出扭矩 | [Nm] | |
| $F_R$ | 输出轴径向力。假设载荷作用在轴伸的中点，<br>如果不一致，请确定径向力准确的作用点、作用<br>角度和轴的旋转方向以便进行校核计算。 | [N] | |
| $F_A$ | 输出轴轴向负载（拉力和压力） | [N] | |
| $J_{load}$ | 被驱动件的转动惯量 | [$10^{-4}$kgm$^2$] | |
| R/F/K/S/W<br>M1-M6 | 所需减速机类型和安装位置 | – | |
| IP.. | 外壳防护等级 | – | |
| $\vartheta_{env}$ | 环境温度 | [℃] | |
| H | 海拔高度 | [m above sea level] | |
| S.., ..%cdf | 工作制和负载持续率cdf；也可给出精确的负载周期图 | – | |
| Z | 启停频率；也可给出精确的负载周期图 | [no.per h] | |
| $f_{mains}$ | 电源频率 | [Hz] | |
| $V_{mot}$,<br>$V_{brake}$ | 电机工作电压和制动器电压 | [V] | |
| $M_B$ | 所需制动力矩 | [Nm] | |
| 对于变频器运行：控制模式和设置范围 | | | |

# 4. Selection of gear reducer

## 4.1 Drive selection data

Certain data are essential to specify the components for your drive. These are.

| | | | |
|---|---|---|---|
| $n_{amin}$ | Minimum output speed | [rpm] | |
| $n_{amax}$ | Maximum output speed | [rpm] | |
| $P_a$ at $n_{amax}$ | Output power at minimum output speed | [kW] | |
| $P_a$ at $n_{amax}$ | Output power at maximum output speed | [kW] | |
| $M_a$ at $n_{amax}$ | Output torque at minimum output speed | [Nm] | |
| $M_a$ at $n_{amax}$ | Output torque at maximum output speed | [Nm] | |
| $F_R$ | Overhung load on output shaft. Assumes force application is in the center of shaft end. If not, please specify the exact application point indicating the application angle and direction of rotation of the shaft for a check calculation | [N] | |
| $F_A$ | Axial load (tension and compression) on output shaft | [N] | |
| $J_{load}$ | Mass moment of inertia to be driven | [$10^{-4}$kgm$^2$] | |
| R/F/K/S/W M1-M6 | Required gear unit type and mounting position(→ sec. Mounting positions, churning losses) | – | |
| IP.. | Required protect rank | – | |
| $\vartheta_{env}$ | Ambient temperature | [℃] | |
| H | Altitude | [m above sea level] | |
| S.., ..%cdf | Operating mode and intermittency factor cdf; alternatively, exact load cycle can be specified. | – | |
| Z | Starting frequency; alternatively, exact load cycle can be specified | [no.per h] | |
| $f_{mains}$ | Supply frequency | [Hz] | |
| $V_{mot}$, $V_{brake}$ | Operating voltage of motor and brake | [V] | |
| $M_B$ | Required braking torque | [Nm] | |
| **For inverter operation: Required control mode and setting range** | | | |



## 4.2 选型流程图
## 4.2 Project planning sequence

例

带有位置要求驱动方案的流程示意图，所涉及的减速电机由变频器控制
The following flowchart diaplays a schematic view of the procedure for planning a project incorporating a positioning drive. The drive comprises a geared motor which is powered by an inverter

| | |
|---|---|
| 被驱动机的参数<br>–技术参数和环境条件<br>–位置精度要求<br>–速度范围(旋转精度)<br>–循环时间的确定 | **Calculation of the relevant application date**<br>- Technical data and ambient conditions<br>- Positioning accuracy<br>- Speed setting range(true-running accuracy)<br>- calculation of the travel cycle |
| 计算相关的应用参数<br>–所需的静态，动态功率及能耗制动的计算<br>–速度<br>–扭矩<br>–运行图 | **Calculation of the relevant application date**<br>- Static, dynamic and regenerative power<br>- Speeds<br>- Touque<br>- Travel cycle |
| 减速机选择<br>–确定减速机的规格、速比和型号<br>–位置精度<br>–验算减速机负载能力(Mamax≥Ma(t)) | **Cear unit selection**<br>- Definition of gear unit size, reduction ratio and type<br>- Check for positioning accuracy<br>- Check for gear unit load ability(Ma max ≥ Ma(t)) |
| 控制系统选择的基本依据<br>–位置精度<br>–速度范围<br>–控制模式 | **Control System selection depending on**<br>- Positioning accuracy<br>- Speed range<br>- Control mode |
| 变频器操作模式<br>–V/F控制方式(开环/闭环)<br>–电压矢量模式(开环/闭环)VFC<br>–电流矢量模式CFC | **Inverter operation mode**<br>- Voltage - controlled inverter with and without speed control<br>- Voltage - controlled, flux vector - controlled inverter with and without speed control<br>- Current - controlled, flux vector - controlled inverter |
| 电机选择<br>–最大扭矩<br>–原动机正常转速下的扭矩<br>–最大速度<br>–对原动机的扭矩特性曲线<br>–热负载(设定范围、循环周期系数)<br>–编码器选择<br>–电机附件(制动器、接线盒、热敏电阻传感器) | **Motor selection**<br>- Maximum torque<br>- In dynamic drives: effective torque at mediumspeed<br>- Maximum speed<br>- In dynamic drives: torque curves<br>- Thermal loading(setting range, cyclic duration factor)<br>- Selection of the correct encoder<br>- Motor equipment(barke, plug connection, TF tempetature sensor monitoring,erc.) |
| 变频器选择<br>–变频功率选择<br>–VFC控制模式下的连续功率和尖峰功率<br>–CFC+伺服控制模式下的连续功率和尖峰功率 | **Inverter selection**<br>- Motor/inverter assignment<br>- Continuous power and peak power in voltage-controlled inverters<br>- Continuous current and peak current in current-controlled inverters |
| 制动电阻选择<br>–根据能耗功率和工作循环周期确定制动电阻 | **Selecting the braking resistor**<br>- Based on the calculated regenerative power and cdf |
| 其它选择<br>–电磁干扰的计算(EMC)<br>–控制板/通讯板<br>–附加功能 | **Options**<br>- EMC measures<br>- Operation/communication board<br>- Additional functions |
| 检查是否所有要求已满足 | **Check to see if all requirements have been met** |

图:选型应用流程图 Figure: Project planning process

## 4.3 减速机的效率
## 4.3 Efficiency of gear units

减速机的效率主要由齿轮啮合和轴承摩擦损失所决定的。

减速机运行初期的效率总是比正常运行时要低，尤其是斜齿轮蜗轮蜗杆和螺旋平面减速机更为明显。

The efficiency of the gear units is mainly determined by the gearing, mash and bearing friction. Please note that the starting efficiency of a gear unit is always less than its efficiency at operating speed. This fact is especially obvious in helical–worm right–angle geared motos.

### R.F.K 系列减速机
### R.F.K gear units

斜齿轮、平行轴、斜齿轮-锥齿轮减速机的效率是根据减速级数确定，在94%(3级)~98%(1级)之间。

The efficiency of helical, parallel shaft and helical–bevel gear units baries according to the number of gear stages, between 94%(3–stage)and 98%(1–stage).

### S 系列减速机
### S gear units

斜齿轮蜗杆 速机由于产生高损失的滑动摩擦，所以它们比R.F.K减速机损失大、效率低，主要是由以下因素决定:

- 斜齿轮蜗杆级的传动比
- 输入转速
- 齿轮箱温度

设计的斜齿轮蜗杆减速机比单级的蜗轮蜗杆减速机的效率有明显的提高，对于很大速比的斜齿轮蜗轮蜗杆才有可能其效率 $\eta$ <0.5。

The gearing in helical–worm and gear units produces a high proportion of sliding friction. As a result, these gear units may have higher gearing losses than R, F or K gear units, and thus be less efficient. The cause of factors are:

- Gear ratio of the helical - worm
- Input speed
- Gear unit temperature

Gear units are designed as helical worm which makes them significantly more efficient than standard worm gear units. The efficiency may reach $\eta$ <0.5 if the helical - worm stage has a very high ratio step.

### 自锁条件
### Self – locking condition

在斜齿轮--蜗轮蜗杆上加反向力矩会产生一个反向效率$\eta'$ =2−1/$\eta$，其值明显小于正向效率$\eta$,如果正向效率$\eta \leqslant 0.5$，那么斜齿轮蜗杆减速机会自锁。仅有少量大速比的诺顿斜齿轮蜗轮蜗杆减速机静态自锁。如果想利用自锁的制动效果特点请向诺顿咨询。

Retrodriving torques on helical–worm gear units produce an efficiency of $\eta'=2-1/\eta$ , which is significantly less favorable than the forwards efficiency $\eta$ . The helica–worm or Spiroplan® gear unit is self–locking if the forwards efficiency $\eta \leqslant 0.5$. A few NUODUN helical–worm gear units with the largest gear ratio are statically self–locking. Please contact NUODUN if you wish to wish to make technical use of the braking effect of self–locking characteristics.

### 运行初始阶段
### Running – inphase

由于新的斜齿轮蜗杆减速机齿面不够光滑、摩擦角较大，所以效率较正常运行时要小，这种影响在大传动比时变得更加明显。

The tooth flanks of new helical–worm and gear units are not yet completely smooth. For the friction angle is greater, the efficiency will be less than later operation. This effect becomes more apparent in the greater ratio.



在运初试阶段，所给定的效率值应减去表中数值：
In The first beginning, the given efficiency number should minus as follows

| | Helical-worm | 速比i的范围 |
|---|---|---|
| 1start | approx.12% | approx.50-280 |
| 2start | approx.6% | approx.20-75 |
| 3start | approx.3% | approx.20-90 |
| 4start | - | - |
| 5start | approx.3% | approx.6-25 |
| 6start | approx.2% | approx.7-25 |

经过连续24小时运行，斜齿轮蜗轮蜗杆满足以下条件可以达到给出的额定效率：

- 减速机经过充分的试运行
- 减速机达到正常运行温度值
- 加入推荐的润滑剂

减速机在额定的负载范围内工作

The running - in phase normally lasts 24 hours. Helical - worm gear units achievetheir listed rated efficiency values when:
- The gear unit has been run is completely
- The gear unit has reached normal operation temperature
- The recommended lubricant has been filled in
The gear unit is working within the rated load range

### 搅动损失
### Churning losses

在某些安装位置，第一级小齿轮完全浸在油中，对于大机座号减速机和有较高输入转速的减速机，搅动损失会急剧上升，不能忽视，因此，当遇到此类情况请向诺顿咨询。
如果可能，对于K、K和S系列减速机尽量使用M1安装位置以确保较小的搅动损失。

In certain gear unit mounting positions the first reduction stage is completely immersed in the lubricant. For large gear unit sizes and high circumferential velocities of the input stage, this gives rise to churning losses constituting a factor which cannot be ignored. Please contact NUODUN if you wish to use gear units of this type. If possible,use the mounting position M1 for R, K and S gear units in order to keep the churning losses in low.

## 4.4 使用系数
## 4.4 Service factor

### 决定使用系数的因素
### Determining of the service factor

选用减速箱要考虑一定的使用系数用$f_B$表示，使用系数$f_B$由每天的运行时间和起停频率所决定，根据惯量加速系数确定的三种负载类型也要考虑，可以从图中读取驱动方案的使用系数，从图中确定的使用系数一定要小于或等于从选型表中所给定的诺顿使用系数。
Gear unit selection needs to consider a certain factor which we use $f_B$ to express. Theservice factor is determined by the daily operating time and the starting frequency. Three load classifications are also considered to dependon the mass acceleration factor.You can read the different serive factor from the figure as follows. The service factor determined using this diagram must be small than or equal to the NUODUN service factor as given in the selection tables.

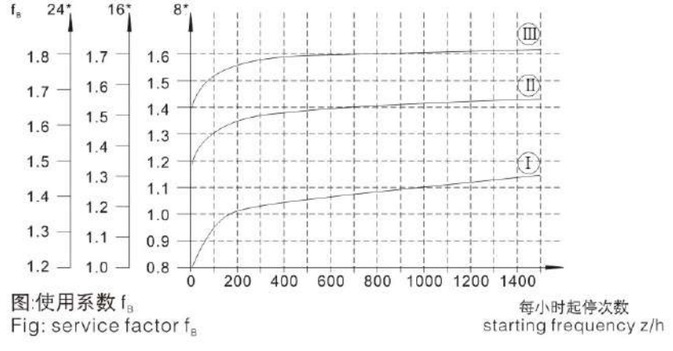



图:使用系数 $f_B$
Fig: service factor $f_B$

*运行小时/天

**起停次数，包括所在的起停和制动过程，所括从低到高，从高到低变换过程。

Daily operating time in hours/day
Starting frequency Z: The cycles include all staring and braking procedures as well as changes from low to high and high to low speed.

## 负载类型
## Load classification

三种负载类型：

1 均匀载荷，允用的惯性加速系数≤0.2

2 中等冲击载荷，允许的惯性加速系数≤3

3 强冲击载荷，允许的惯性加速系数≤10

Three load classifications are differentiated:
1.Uniform, approved mass acceleration factor ≤0.2
2.Moderate shock load, approved mass acceleration factor ≤3
3.Severe shock load, approved mass acceleration factor ≤10

## 惯性加速系数
## Mass acceleration factor

惯性加速系数的计算方式：
The mass acceleration factor is calculated as follows:

$$\text{惯性加速系数} = \frac{\text{所有的外部转动惯量}}{\text{电动机的转动}}$$

$$\textbf{Mass acceleration factor} = \frac{\textbf{All external kmass moments of inertia}}{\textbf{Mass moment of inertia on the motor end}}$$

所有的外部转动惯量是指被驱动装置加上减速机相对于电机转速的转动惯量，
折算公式如下：$J_x=j\cdot(\frac{n}{n_M})^2$

"All external mass moments of inertia" are the mass moments of inertia of the driven machine and the gear unit, scaled down to the motor speed. The calculation for scaling down to the motor speed performed using the following fotmula: $J_x=j\cdot(\frac{n}{n_M})^2$

| | |
|---|---|
| $J_x$=相对于电机轴的外部转动惯量 | $J_x$= Reduced mass moment of inertia on the motor shaft |
| J=相对于减速机输出轴的外部转动惯量 | J= Mass moment of inertia referenced to the output speed of the gear unit |
| N=减速机的输出转速 | N= Output speed of the gear unit |
| $N_M$=电机转速 | $N_M$= Motor speed |

电机的转动惯量是指电机转动惯量，若配有制动器和高惯量飞轮(Z风扇)则要相应增加所配部件的转动惯量。
惯性加速系数大于10，要求传动部件高平稳性及大的径向负载时使用系数$f_B$就大于1.8，此类情况请向诺顿咨询。

"Mass moment of inertia on the motor if it equips the brake and the flywheel fan(Z fan), the components' mass moment of inertia or large overhung loads. Please contact NUODUN in this case.

## 诺顿使用系数NUODUN-$f_B$

确定最大持续运行扭矩 Mamax 和由此推导出的使用系统 $f_B$=Mamax/Ma 是不标准的，并且不同的制造商之间有很大不同。诺顿使用系数$f_B$=1是，诺顿驱动设备在疲劳强度范围内能提供相当高的工作安全性和可靠性(除斜齿轮蜗轮蜗杆减速机的蜗轮之外)。在一定条件下，诺顿的使用系数不必和其它减速机制造商所给出的进行比较。若有疑问，请和诺顿联系索取针对特殊驱动设备详细资料。



QILI service factor: NUODUN$f_B$

The method for determining the maximum approved continuous torque Maxax and then deriving the service factor $f_B$= Mamax/Ma is not defined in a standard and varies greatly from manufacturer to manufacturer. With their NUODUN service factor $f_B$ = 1, NUODUN drives aff ord an extremely high level of safety and reliability in the fatigue strength range(exception: wearing of the worm wheel in helical - worm gear units), Under a certain circumstances, the NUODUN service factor may not be com parable to the information given details for your specific drive . If there is any questions, please contact NUODUN to get the special drive equipments' document in detail.

## 举例
## Example

惯性加速系数2.5(II类载荷)，运行时间14小时/天 (按16小时/天查图) 和300次起停/小时，使用系数在图中为$f_B$=1.51，根据选型表所选择的减速电机诺顿$f_B$值要 ≥1.51。

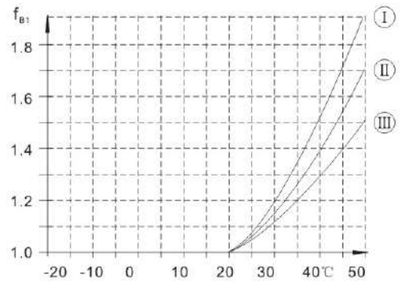
Mass acceleration factor 2.5(load classification II),14 hours/day operating time(check the figure at 16h/d)and 300 cycles/hour produce a service factor $f_B$=1.51 as shown in Fig.2.According to the selection table, the selected motor must have an NUODUN $f_B$ Value of 1.15 or greater.

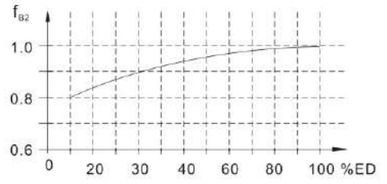
## 斜齿轮蜗杆减速机
## Helical – worm gear units

在斜齿轮蜗杆减速机中，除了已有图3中的使用系数$f_B$外还有两个使用系数$f_{B1}$、$f_{B2}$要考虑

- $f_{B1}$=环境温度使用系统
- $f_{B2}$=负载持续系数

Two further service factors have to be taken into account with helical–worm gear units in addition to the selection factor $f_B$ shown in Fig 2 .These are :
–$f_{B1}$=Service factor from the ambient temperature
–$f_{B2}$=Service factor from the cyclic duration factor
附加的使用系数$f_{B1}$、$f_{B2}$可通过图4确定，确定$f_{B1}$时用和确定$f_B$同样的方法考虑负载类型。
Additional service factors $f_{B1}$ and $f_{B2}$ can be determined by diagrams is Fig 4. For the $f_{B1}$factor, we candefine it just in the same way as $f_B$.




图：附加使用系数 $f_{B1}$ 和 $f_{B2}$
Additional service factors $f_{B1}$ and $f_{B2}$

$$\text{cdf(\%)} = \frac{\text{负载持续时间分钟/小时 Time under load in min/h}}{60} \quad 100$$

确定$f_B$时，环境温度低于-20℃请向诺顿咨询
Please contact NUODUN in cese of temper atures below -20°C(→$f_{B1}$)

斜齿轮蜗轮蜗杆减速机总的使用系数$f_{Btot}$按下式计算：$F_{Btot}=f_B\cdot f_{B1}\cdot f_{B2}$
The total service factor for helical - worm gear units is calculated as follows: $F_{Btot}=f_B\cdot f_{B1}\cdot f_{B2}$

## 举例
## Example

若前一个例子使用系统$f_B$=1.51的减速机是斜齿轮蜗轮蜗杆减速机，
If the geared motor with the service factor $f_B$=1.51 in the prevenient example is a helical–worm geared motor.
环境温度=40℃→$f_{B1}$=1.38(负载类型II)
Ambient temperature υ =40℃→$f_{B1}$=1.38(read off at load classification II)

负载工作时间40分钟/小时cdf=66.7% $f_{B2}$=0.95
Time under load=40min/h→cdf=66.7%→$f_{B2}$=0.95
The total service factor is $F_{Btot}$=1.51 · 1.38 · 0.95=1.98
根据选型表，所选的斜齿轮蜗轮蜗杆减速机的诺顿$f_B$则应≥1.98。
According to the selection tables, the selected helical–worm geared motor must have a NUODUN $f_B$ value of 1.98 or greater.

## 4.5 径向和轴向负载
## 4.5 Overhung and axial loads

### 径向负载
### Determining overhung load

确定径向负载时,要考虑安装在轴端传动部件的影响，传动部件系数$f_z$列于下表：
When determining the overhung load, the type of transmission element mounted on the shaft end must be comsidered. The transmission element factors $f_z$ are listed as follows:

| 传动部件 Transmission element | 传动部件系数$f_z$ Transmission element factor $f_z$ | 备注 Comments |
|---|---|---|
| 齿轮 Gears | 1.15 | >17齿 >17 teeth |
| 链轮 Chain sprockets | 1.40 | >13齿 >13 teeth |
| 链轮 Chain sprockets | 1.25 | >20齿 >20 teeth |
| 窄V型带 Narrow V-belt pulleys | 1.75 | 预应力影响 Pre-tensioning influence |
| 宽平皮带 Flat belt pulleys | 2.50 | 预应力影响 Pre-tensioning influence |
| 齿型皮带 Toothed belt pulleys | 2.5 | 预应力影响 Pre-tensioning influence |

作用在电机或减速机轴伸上的径向力按下式计算:
The overhung load exerted on the motor or gear shaft is the calculated as follows:

$$F_R = \frac{M_d \cdot 2000}{d_o} \cdot f_Z$$

| | | | |
|---|---|---|---|
| $F_R$ | 径向载荷(N) | $F_R$ | Overhung load in N |
| $M_d$ | 力矩(N.M) | $M_d$ | Torque in Nm |
| $d_o$ | 节园直径(MM) | $d_o$ | Mean diameter of the mounted transmission element in mm |
| $f_Z$ | 传动部件系数 | $f_Z$ | Transmission element factor |

### 许用的径向载荷
### Permitted overhung load

根据耐磨轴承额定寿命$L_{H10}$来确定许用径向载荷。

对于特殊的运行条件, 许用径向载荷根据所要求的修正寿命$L_{na}$来确定。

对于地脚安装实心轴输出的减速机许用径向载荷列于减速电机的选型表中。对于其他安装形式可与诺顿联系。

According the rate service life $L_{H10}$ of the anti – friction bearings to definethe permitted overhung loads.
For the special operating conditions, the permitted overhung loads can be determined by the modified service life $L_{na}$.
The permitted overhung loads $F_{Ra}$ for the output shafts of foot - mounted gear units with a sold shaft are listed in the selection tables for geared motors. Please contact NUODUN in cass of other types.

选型表中的径向力数值按照力作用于轴伸的中点（斜齿轮–伞齿轮减速机按照 A 端输出轴考虑）。

径向力作用角度 α 和旋转方向已经按最不利的条件给予考虑。

The data refer to the radial force acting midway on the shaft end (with right–angle gear units on the A–side Output). Worst case conditions have been asumed fot the force application angle α and the direction of rotation.



- 对于K和S系列减速机,M1安装位置前面与安装固定面连接时,许用径向载荷只是选型表中$F_{Ra}$数值的50%。
- 对于K167和K187减速电机在安装位置M1–M4时;若安装与其安装位置示例有所区别情况下,其许用径向载荷最大只为选型表中$F_{Ra}$的50%。
- 地脚/法兰安装斜齿轮减速电机(R..F):当通过法兰安装传递力矩时，许用径向载荷最大为选型表中$F_{Ra}$的50%。

–Only 50% of the $F_{Ra}$ value specified in the selection tables is permitted in mounting position M1 with wall attachment on the front face for K and S gear units.

–Helical–bevel gearedmotors K 167 and K 187 in mounting positions M1 to M4: If the mounting position is different the position we offered (M1–M4),the overhung load $F_{Ra}$ lasted in the selection tables.

–Foot and flange–mounted helical geared motors (R..F): A maximum of 50% of the overhung load $F_{Ra}$ specified in the selection tables in the case of torque transmission via the flange mounting. When the torque transmission via the flange mounting the overhung load $F_{Ra}$ will only be 50% compared with the $F_{Ra}$ asted the selection tables.

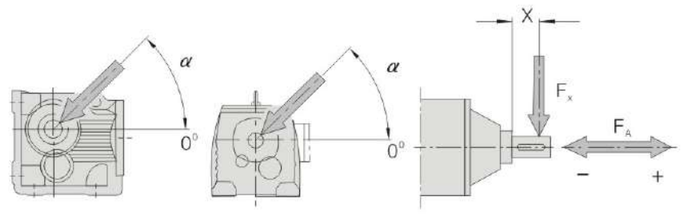
### 更高的许用径向载荷
### Higher approved overhung loads

对于R、F和K 系列减速电机,安装重载轴承可提高许用径向载荷。另外,精确考虑旋转方向和力作用角α，也可提高许用径向载荷，在此情况下，请和诺顿联系。

It possible to achieve a higher overhung load by exactly considering the force application angle α and the direction of rotation. In addition, higger output shaft loads are permitted if heavy duty bearings are installed, especially with R, Fand K gear units. Please contact NUODUN in this case.

### 所受力的定义
### Definition of force application

所受力根据下图来定义
Force application is defined according to the following diagram:




$F_x$= 在X点的许用径向载荷(N)
$F_A$= 许用轴向载荷(N)

$F_x$ = Approved overhung load at point X [N]
$F_A$ = Approved axial load [N]

## 许用轴向载荷
## Approved axial loads

如果没有径向载荷，那么轴向载荷 $F_A$ (+表示拉力, –表示压紧力) 依据表中径向负荷的50%给定是允许的，这适用于:

If there is no overhung load. then an axial load $F_A$ (tension or compression) amountion to 50% o the overhung load given in the selection tables is approved. This applies to the following geared motors:

- 斜齿轮减速机(R ..137到167除外)
- 平行轴斜齿轮减速机与斜齿轮–伞齿轮(实心轴)减速机(F 97... 除外)
- 实心轴斜齿轮蜗轮蜗杆减速机

- Helical geared motors except for R..137... to R..167...
- Parallel shaft and helical - bevel geared motors with solid shaft except for F97...
- Helical - worm geared motors with solid shaft

对于其它类型的减速机请与诺顿咨询，以防过大的轴向载荷或轴向及径向的合成力。

Please contact NUODUN for all other types of gear units and in the event of significantly greater axial loads or combinations of overhung load and axial load.

## 偏离中心点的径向力
## Overhung load conversion for off – center force application

对于受力点不在轴端中点的允许径向载荷要根据下面的公式计算。$F_{XL}$和$F_{XW}$中的较小值是在X点允许数值，所计算的数值应用于$M_{amax}$

The approved overhung loads given in the selection tables must be calculated using the following formulae in the event of force application not in the center of the shaft e-nd. The smaller of the two values $F_{XL}$ (according to bearing service life) and $F_{XW}$ (according to shaft strength) is the approved value for the overhung load at point x. Note that the calculation apply to $M_{a\,max.}$

**根据轴承寿命$F_{XL}$**
**$F_{XL}$ acc. to bearing service life**

$$F_{XL} = F_{Ra} \cdot \frac{a}{b+x} \text{ [N]}$$

**根据输出轴强度$F_{xw}$**
**$F_{xw}$ from the shaft strength**

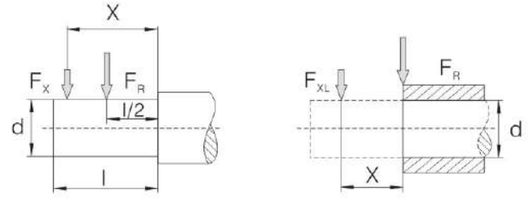
$$F_{xW} = \frac{c}{f+x} \text{ [N]}$$

$F_{Ra}$ = 对于底脚安装齿轮箱的允许径向载荷(选型表中所列值)单位：N
Approved overhung load (x=1/2) for foot - mounted gear units according to the selection tables in [N]

X = 从轴肩到受力点的距离
Distance from the shaft shoulder to the force application point in [mm]

a,b,f = 对于径向负载转化的齿轮箱常量
Gear unit constants for overhung load conversion [mm]

c = 对于径向负载转化的齿轮箱常量
Gear unit constant for overhung load conversion [Nmm]




图：偏离中心点的径向力$F_x$
Fig: Overhung load $F_x$ for off-center force application



## 据径向负载/转化所得的/齿轮箱常量
## Gear unit constants for overhung load conversion

| 齿轮箱常量 Gear unit type | a [mm] | b [mm] | c [Nmm] | f [mm] | d [mm] | l [mm] |
|---|---|---|---|---|---|---|
| R17 | 88.5 | 68.5 | $6.527 \cdot 10^4$ | 17 | 20 | 40 |
| R27 | 106.5 | 81.5 | $1.56 \cdot 10^5$ | 11.8 | 25 | 50 |
| R37 | 118 | 93 | $1.24 \cdot 10^5$ | 0 | 25 | 50 |
| R47 | 137 | 107 | $2.44 \cdot 10^5$ | 15 | 20 | 60 |
| R57 | 147.5 | 112.5 | $3.77 \cdot 10^5$ | 18 | 35 | 70 |
| R67 | 168.5 | 133.5 | $2.51 \cdot 10^5$ | 0 | 35 | 70 |
| R77 | 173.7 | 133.7 | $3.97 \cdot 10^5$ | 0 | 40 | 80 |
| R87 | 216.7 | 166.7 | $8.47 \cdot 10^5$ | 0 | 50 | 100 |
| R97 | 255.5 | 195.5 | $1.19 \cdot 10^6$ | 0 | 60 | 120 |
| R107 | 285.5 | 215.5 | $2.06 \cdot 10^6$ | 0 | 70 | 140 |
| R137 | 343.5 | 258.5 | $6.14 \cdot 10^6$ | 30 | 90 | 170 |
| R147 | 402 | 297 | $8.65 \cdot 10^6$ | 33 | 110 | 210 |
| R167 | 450 | 345 | $1.26 \cdot 10^7$ | 0 | 120 | 210 |
| RX57 | 43.5 | 23.5 | $1.51 \cdot 10^5$ | 34.2 | 20 | 40 |
| RX67 | 52.5 | 27.5 | $2.42 \cdot 10^5$ | 39.7 | 25 | 50 |
| RX77 | 60.5 | 30.5 | $1.95 \cdot 10^5$ | 0 | 30 | 60 |
| RX87 | 73.5 | 33.5 | $7.69 \cdot 10^5$ | 48.9 | 40 | 80 |
| RX97 | 86.5 | 36.5 | $1.43 \cdot 10^6$ | 53.9 | 50 | 100 |
| RX107 | 102.5 | 42.5 | $2.47 \cdot 10^6$ | 62.3 | 60 | 120 |
| F37 | 123.5 | 98.5 | $1.07 \cdot 10^5$ | 0 | 25 | 50 |
| F47 | 153.5 | 123.5 | $1.78 \cdot 10^5$ | 0 | 30 | 60 |
| F57 | 170.7 | 135.7 | $5.49 \cdot 10^5$ | 32 | 35 | 70 |
| F67 | 181.3 | 141.3 | $4.12 \cdot 10^5$ | 0 | 40 | 80 |
| F77 | 215.8 | 165.8 | $7.87 \cdot 10^5$ | 0 | 50 | 100 |
| F87 | 263 | 203 | $1.19 \cdot 10^6$ | 0 | 60 | 120 |
| F97 | 350 | 280 | $2.09 \cdot 10^6$ | 0 | 70 | 140 |
| F107 | 373.5 | 288.5 | $4.23 \cdot 10^6$ | 0 | 90 | 170 |
| F127 | 442.5 | 337.5 | $9.49 \cdot 10^6$ | 0 | 110 | 210 |
| 157 | 512 | 407 | $1.05 \cdot 10^7$ | 0 | 120 | 210 |
| K37 | 123.5 | 98.5 | $1.41 \cdot 10^5$ | 0 | 25 | 50 |
| K47 | 153.5 | 123.5 | $1.78 \cdot 10^5$ | 0 | 30 | 60 |
| K57 | 169.7 | 134.7 | $6.8 \cdot 10^5$ | 31 | 35 | 70 |
| K67 | 181.3 | 141.3 | $4.12 \cdot 10^5$ | 0 | 40 | 80 |
| K77 | 215.8 | 165.8 | $7.69 \cdot 10^5$ | 0 | 50 | 100 |
| K87 | 252 | 192 | $1.64 \cdot 10^6$ | 0 | 60 | 120 |
| K97 | 319 | 249 | $2.8 \cdot 10^6$ | 0 | 70 | 140 |
| K107 | 373.5 | 288.5 | $5.53 \cdot 10^6$ | 0 | 90 | 170 |
| K127 | 443.5 | 338.5 | $8.31 \cdot 10^6$ | 0 | 110 | 210 |
| K157 | 509 | 404 | $1.18 \cdot 10^7$ | 0 | 120 | 210 |
| K167 | 621.5 | 496.5 | $1.88 \cdot 10^7$ | 0 | 160 | 250 |
| K187 | 720.5 | 560.5 | $3.04 \cdot 10^7$ | 0 | 190 | 320 |
| S37 | 118.5 | 98.5 | $6.0 \cdot 10^4$ | 0 | 20 | 40 |
| S47 | 130 | 105 | $1.33 \cdot 10^5$ | 0 | 25 | 50 |
| S57 | 150 | 120 | $2.14 \cdot 10^5$ | 0 | 30 | 60 |
| S67 | 184 | 149 | $3.04 \cdot 10^5$ | 0 | 35 | 70 |
| S77 | 224 | 179 | $5.26 \cdot 10^5$ | 0 | 45 | 90 |
| S87 | 281.5 | 221.5 | $1.68 \cdot 10^6$ | 0 | 60 | 120 |
| S97 | 326.3 | 256.3 | $2.54 \cdot 10^6$ | 0 | 70 | 140 |

对于没有列出的类型的值据需要给定。
Values for types not listed are available on request.

## 4.6 RM 减速机

**选型**　　当选用带加长轴承箱的 RM 系列减速电机时，要考虑较高的径向和轴向负载，请按照下列步骤计算选型

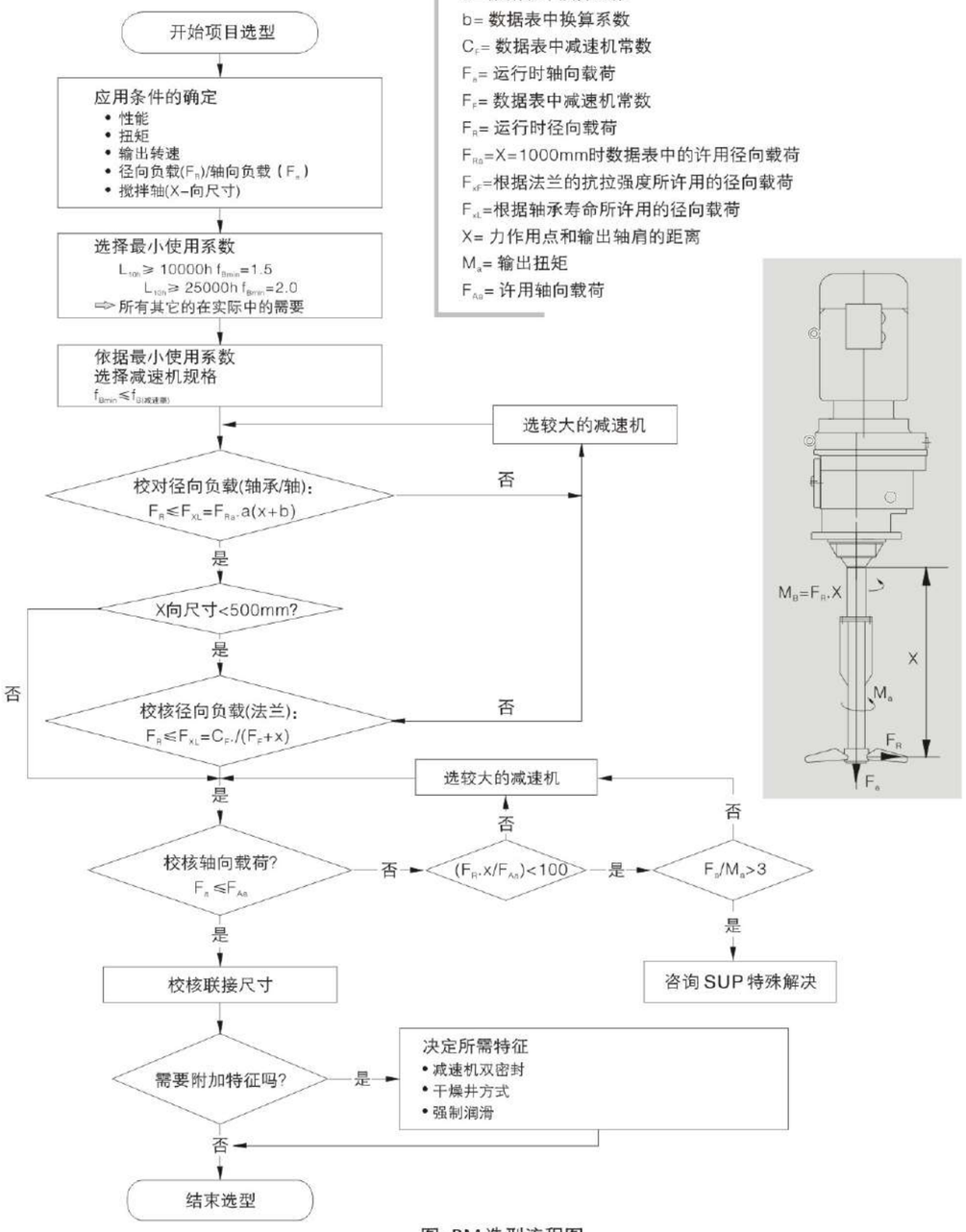
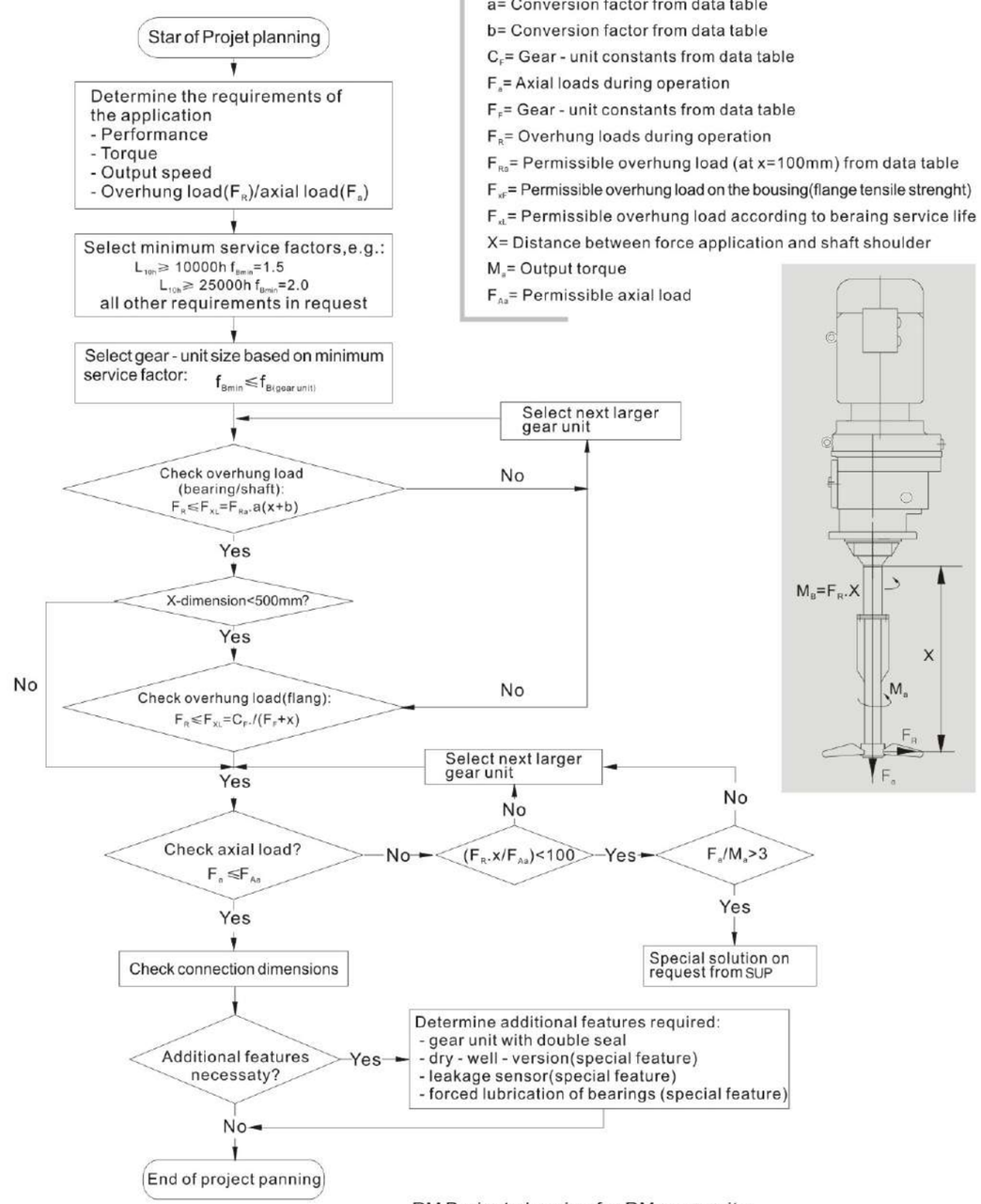



图: RM 选型流程图



## 4.6 RM gear reducer

**Project planning**　　You must take account of the higher overhung and axial loads when planning projects with RM helical geared motors with extended bearing hosing. Please adhere to the following project planning project planning procedure:




RM Project planning for RM gear units

## 允许径向和轴向负载
## Permitted overhung loads and axial forces

根据不同的使用系数$f_B$和正常轴承寿命$L_{H10}$所确定的许用径向负载$F_{Ra}$和轴向负载$F_{Aa}$
The permitted overhung loads $F_{Ra}$ and axial loads $F_{Aa}$ are specified for variousservice factors $f_B$ and normal bearing service life $L_{H10}$

$f_{Bmin}$=1.5
$L_{10h}$=10 000h

| | $n_a$[rpm] | <16 | 16-25 | 26-40 | 41-60 | 61-100 | 101-160 | 161-250 | 251-400 |
|---|---|---|---|---|---|---|---|---|---|
| RM57 | $F_{Ra}$ [N] | 400 | 400 | 400 | 400 | 400 | 405 | 410 | 415 |
| | $F_{Aa}$ [N] | 18800 | 15000 | 11500 | 9700 | 7100 | 5650 | 4450 | 3800 |
| RM67 | $F_{Ra}$ [N] | 575 | 575 | 575 | 580 | 575 | 585 | 590 | 600 |
| | $F_{Aa}$ [N] | 19000 | 18900 | 15300 | 11900 | 9210 | 7470 | 5870 | 5050 |
| RM77 | $F_{Ra}$ [N] | 1200 | 1200 | 1200 | 1200 | 1200 | 1210 | 1210 | 1220 |
| | $F_{Aa}$ [N] | 22000 | 22000 | 19400 | 15100 | 11400 | 9220 | 7200 | 6710 |
| RM87 | $F_{Ra}$ [N] | 1970 | 1970 | 1970 | 1970 | 1980 | 1990 | 2000 | 2010 |
| | $F_{Aa}$ [N] | 30000 | 30000 | 23600 | 18000 | 14300 | 11000 | 8940 | 8030 |
| RM97 | $F_{Ra}$ [N] | 2980 | 2980 | 2980 | 2990 | 3010 | 3050 | 3060 | 3080 |
| | $F_{Aa}$ [N] | 40000 | 36100 | 27300 | 20300 | 15900 | 12600 | 9640 | 7810 |
| RM107 | $F_{Ra}$ [N] | 4230 | 4230 | 4230 | 4230 | 4230 | 4230 | 3580 | 3830 |
| | $F_{Aa}$ [N] | 48000 | 41000 | 30300 | 23000 | 18000 | 13100 | 9550 | 9030 |
| RM137 | $F_{Ra}$ [N] | 8710 | 8710 | 8710 | 8710 | 7220 | 5060 | 3980 | 6750 |
| | $F_{Aa}$ [N] | 70000 | 70000 | 70000 | 57600 | 46900 | 44000 | 35600 | 32400 |
| RM147 | $F_{Ra}$ [N] | 11100 | 11100 | 11100 | 11100 | 11100 | 10600 | 8640 | 10800 |
| | $F_{Aa}$ [N] | 70000 | 70000 | 69700 | 58400 | 45600 | 38000 | 32800 | 30800 |
| RM167 | $F_{Ra}$ [N] | 14600 | 14600 | 14600 | 14600 | 14600 | 14700 | - | - |
| | $F_{Aa}$ [N] | 70000 | 70000 | 70000 | 60300 | 45300 | 36900 | - | - |

$f_{Bmin}$=2.0
$L_{10h}$=25 000h

| | Na[rpm] | <16 | 16-25 | 26-40 | 41-60 | 61-100 | 101-160 | 161-250 | 251-400 |
|---|---|---|---|---|---|---|---|---|---|
| RM57 | $F_{Ra}$ [N] | 410 | 410 | 410 | 410 | 410 | 415 | 415 | 420 |
| | $F_{Aa}$ [N] | 12100 | 9600 | 7350 | 6050 | 4300 | 3350 | 2600 | 2200 |
| RM67 | $F_{Ra}$ [N] | 590 | 590 | 590 | 595 | 590 | 595 | 600 | 605 |
| | $F_{Aa}$ [N] | 15800 | 12000 | 9580 | 7330 | 5580 | 4460 | 3460 | 2930 |
| RM77 | $F_{Ra}$ [N] | 1210 | 1210 | 1210 | 1210 | 1210 | 1220 | 1220 | 1220 |
| | $F_{Aa}$ [N] | 20000 | 15400 | 11900 | 9070 | 6670 | 5280 | 4010 | 3700 |
| RM87 | $F_{Ra}$ [N] | 2000 | 2000 | 2000 | 2000 | 2000 | 1720 | 1690 | 1710 |
| | $F_{Aa}$ [N] | 24600 | 19200 | 14300 | 10600 | 8190 | 6100 | 5490 | 4860 |
| RM97 | $F_{Ra}$ [N] | 3040 | 3040 | 3040 | 3050 | 3070 | 3080 | 2540 | 2430 |
| | $F_{Aa}$ [N] | 28400 | 22000 | 16200 | 11600 | 8850 | 6840 | 5830 | 4760 |
| RM107 | $F_{Ra}$ [N] | 4330 | 4330 | 4330 | 4330 | 4330 | 3350 | 2810 | 2990 |
| | $F_{Aa}$ [N] | 32300 | 24800 | 17800 | 13000 | 9780 | 8170 | 5950 | 5620 |
| RM137 | $F_{Ra}$ [N] | 8850 | 8850 | 8850 | 8830 | 5660 | 4020 | 3200 | 5240 |
| | $F_{Aa}$ [N] | 70000 | 59900 | 48000 | 37900 | 33800 | 31700 | 25600 | 23300 |
| RM147 | $F_{Ra}$ [N] | 11400 | 11400 | 11400 | 11400 | 11400 | 8320 | 6850 | 8440 |
| | $F_{Aa}$ [N] | 70000 | 60600 | 45900 | 39900 | 33500 | 27900 | 24100 | 22600 |
| RM167 | $F_{Ra}$ [N] | 15100 | 15100 | 15100 | 15100 | 15100 | 13100 | - | - |
| | $F_{Aa}$ [N] | 70000 | 63500 | 51600 | 37800 | 26800 | 23600 | - | - |



下表是对于RM 减速电机在力作用点X≠1000mm时计算径向载荷$F_{XL}$所需的换算系数和减速器常数
The following conversion factors and gear unit constants apply to calculating the permitted overhung load $F_{XL}$ at paint X≠1000mm for RM gear motors.

### 换算系数和减速器常数
### Conversion factors and gear unit constants

| 减速器型号 | a | b | $c_F(f_B=1.5)$ | $C_F(f_B=2.0)$ | $F_F$ |
|---|---|---|---|---|---|
| RM57 | 1047 | 47 | 1220600 | 1260400 | 277 |
| RM67 | 1047 | 47 | 2047600 | 2100000 | 297.5 |
| RM77 | 1050 | 50 | 2512800 | 2574700 | 340.5 |
| RM87 | 1056.5 | 56.5 | 4917800 | 5029000 | 414 |
| RM97 | 1061 | 61 | 10911600 | 11124100 | 481 |
| RM107 | 1069 | 69 | 15367000 | 15652000 | 554.5 |
| RM137 | 1088 | 88 | 25291700 | 25993600 | 650 |
| RM147 | 1091 | 91 | 30038700 | 31173900 | 756 |
| RM167 | 1089.5 | 89.5 | 42096100 | 43654300 | 869 |

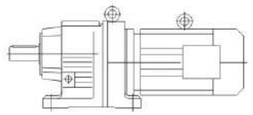
### RM 减速机的附加重量
### Additional weights of RM gear units

| 型号<br>Type | 在带有最小法兰尺寸RF减速机重量基础上的附加重量<br>Additional weight in addition to RF, related to the smallest RF flange<br>△m[kg] |
|---|---|
| RM57 | 12.0 |
| RM67 | 15.8 |
| RM77 | 25.0 |
| RM87 | 29.7 |
| RM97 | 51.3 |
| RM107 | 88.0 |
| RM137 | 111.1 |
| RM147 | 167.4 |
| RM167 | 195.4 |

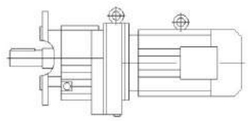
# 5. R 系列斜齿轮减速机 R Helical Geared Motors

## 5.1 设计方案
## 5.1 Versions of geared motors

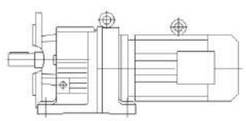
斜齿轮减速电机有以下设计方案：
The following types of helical – bevel motor can be supplied:



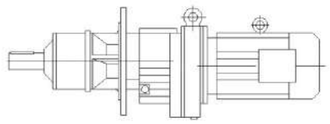
R..
底脚安装斜齿轮减速机
Foot – mounted helical geared motor



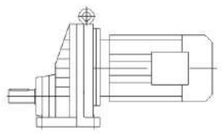
RF..
法兰安装斜齿轮减速机
Flange – mounted helical geared motor



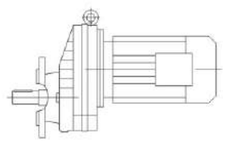
R..F
底脚法兰安装斜齿轮减速机(仅限于BR17–BR87)
Foot and Flange – mounted helical geared motor



RM..
法兰安装带长轴承箱的斜齿轮减速机
Flange – mounted helical geared motor with extended bearing housing



RX..
底脚安装单级斜齿轮减速机
Single – stage Flange – mounted helical geared motor



RXF..
法兰安装单级斜齿轮减速机
Single – stage Flange – mounted helical geared motor



## 5.2 可行的组合方式
## Type of Combination

以下是斜齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围：
The following types of helical – bevel motor can be supplied:

| 减速机型号 Gear unit size | 级 Stages | D63/D71 | D80 | D90 | D100 | D112 | D132S | D132M |
|---|---|---|---|---|---|---|---|---|
| RX/RF57 | 1 | 1.65-5.50 | 1.30-4.35 | 1.30-3.79 | 1.30-2.64<br>3.14 | 1.30-2.64 | 1.30-2.04 | 1.30-2.04 |
| RX/RF67 | 1 | 2.04-6.07 | 1.61-5.18 | 1.40-4.53 | 1.40-3.77 | 1.40-3.20 | 1.40-2.54 | 1.40-2.54 |
| RX/RF77 | 1 | 2.70-8.00 | 2.13-6.41 | 1.42-5.63 | 1.42-4.73 | 1.42-4.04 | 1.42-3.25 | 1.42-3.25 |
| RX/RF87 | 1 | | 3.09-8.65 | 2.15-7.63 | 1.60-6.45 | 1.60-5.56 | 1.39-4.50 | 1.39-4.50 |
| RX/RF97 | 1 | | 4.04-8.23 | 2.92-8.23 | 2.24-8.23 | 2.24-7.16 | 1.42-5.79 | 1.42-5.79 |
| RX/RF107 | 1 | | | | 2.64-6.63 | 2.64-6.63 | 1.71-6.63 | 1.71-6.63 |
| R/RF17 | 2 | 3.83-25.23 | 3.83-19.71 | | | | | |
| R/RF17 | 3 | 24.07-81.64 | 24.07-81.64 | 3.37-8.16 | | | | |
| R/RF27 | 2 | 3.37-28.37 | 3.37-22.32 | 10.13-19.35 | 3.37-6.59<br>10.13-15.63 | | | |
| R/RF27 | 3 | 24.47-135.09 | 24.47-105.49 | 24.47-48.17<br>61.30-90.96 | 24.47-32.47<br>39.25<br>61.30<br>74.11 | | | |
| R/RF37 | 2 | 3.41-28.32 | 3.41-22.27 | 3.41-19.31 | 3.41-15.60 | | | |
| R/RF37 | 3 | 24.42-134.82 | 24.42-105.28 | 24.42-48.08<br>61.18-90.77 | 24.42-32.40<br>39.17<br>61.18<br>73.96 | | | |
| R/RF47 | 2 | 4.85-7.76<br>10.15-33.79 | 3.83-26.74 | 3.83-23.26 | 3.83-16.22<br>19.27 | 3.83-16.22 | 3.83-6.00<br>8.01-12.54 | 3.83-6.00<br>8.01-12.54 |
| R/RF47 | 3 | 29.88-176.88 | 23.59-139.99 | 23.59-121.87 | 23.59-47.75<br>56-73<br>76.23-84.90<br>100.86 | 23.59-47.75 | | 23.59-36.93 |
| R/RF57 | 2 | 6.41-9.06<br>11.88-26.31 | 5.05-26.31 | 4.39-26.31 | 4.39-21.93 | 4.39-18.60 | 4.39-7.97<br>9.35-14.77 | 4.39-7.97<br>9.35-14.77 |
| R/RF57 | 3 | 30.18-186.89 | 26.97-147.92 | 26.97-128.77 | 26.97-48.23<br>57.29<br>80.55-89.71<br>106.58 | 26.97-48.23<br>80.55-89.71 | 26.97-37.30 | 26.97-37.30 |
| R/RF67 | 2 | 6.27-7.79<br>12.70-28.13 | 4.93-7.79<br>10.00-28.13 | 4.93-28.13 | 4.29-23.44 | 4.29-19.89 | 4.29-15.79 | 4.29-15.79 |
| R/RF67 | 3 | 32.27-199.81 | 28.83-158-14 | 28.83-137.67 | 28.83-51.56<br>61.26-95.91<br>113.94 | 28.83-51.56<br>69.75-95.91 | 28.83-39.88<br>69.75-74.17 | 28.83-39.88<br>69.75-74.17 |
| R/RF77 | 2 | 8.59<br>15.60-23.37 | 6.79-8.59<br>12.33-23.37 | 5.31-23.37 | 5.31-23.37 | 5.31-23.37 | 5.31-18.80 | 5.31-18.80 |
| R/RF77 | 3 | 36.83-195.24 | 29.00-166.59 | 25.23-145-67 | 25.23-121.42 | 25.23-102.99 | 25.23-45.81<br>65.77-81.80 | 25.23-45.81<br>65.77-81.80 |
| R/RF87 | 2 | | 19.10-34.40 | 7.13-9.14<br>13.33-34.40 | 5.30-34.40 | 5.30-34.40 | 5.30-27.84 | 5.30-27.84 |
| R/RF87 | 3 | | 41.74-246.54 | 27.88-216.54 | 27.88-181.77 | 27.88-155.34 | 27.88-63.68<br>81.92-124.97 | 27.88-63.68<br>81.92-124.97 |
| R/RF97 | 2 | | 22.37-32.05 | 9.29<br>16.17-32.05 | 7.12-9.26<br>12.39-32.05 | 7.12-9.29<br>12.39-32.05 | 4.50-32.05 | 4.50-32.05 |
| R/RF97 | 3 | | 53.21-65.21<br>103.44-289.74 | 37.13-255.71 | 27.58-216.28 | 27.58-150.78 | 27.58-150.78 | 27.58-150.78 |
| R/RF107 | 2 | | | | 15.65-30.77 | 5.82-7.86<br>10.13-30.77 | 5.82-7.86<br>10.13-30.77 | 5.82-7.86<br>10.13-30.77 |
| R/RF107 | 3 | | | | | 40.37-251.15 | 29.49-203.16 | 29.49-203.16 |
| R/RF137 | 2 | | | | 40.137-251.15 | | 7.59<br>12.83-29.57 | 7.59<br>12.83-29.57 |
| R/RF137 | 3 | | | | | | 32.91-222.60 | 32.91-222.60 |

续 表

| 减速机型号 Gear unit size | 级 Stages | D132ML | D160M | D160L | D180 | D200 | D225 | D250M |
|---|---|---|---|---|---|---|---|---|
| RX/RF77 | 1 | 1.42-2.43 | 1.42-2.43 | | | | | |
| RX/RF87 | 1 | 1.39-3.48 | 1.39-3.48 | 1.39-3.48 | 1.39-2.76 | | | |
| RX/RF97 | 1 | 1.42-4.52 | 1.42-4.52 | 1.42-4.52 | 1.42-3.64 | 1.42-29.2 | | |
| RX/RF107 | 1 | 1.44-5.19 | 1.44-5.19 | 1.44-5.19 | 1.44-4.20 | 1.44-3.38 | 1.44-3.38 | |
| R/RF77 | 2 | 5.31-7.74<br>9.64-14.05 | 5.31-7.74<br>9.64-14.05 | | | | | |
| R/RF77 | 3 | 25.31-7.74 | 25.31-7.74 | | | | | |
| R/RF87 | 2 | 5.30-21.51 | 5.30-21.51 | 5.30-21.51 | 5.30-17.08 | | | |
| R/RF87 | 3 | 27.88-47.58<br>81.92-93.38 | 27.88-47.58<br>81.92-93.38 | 27.88-47.58<br>81.92-93.38 | 27.88-36.84 | | | |
| R/RF97 | 2 | 4.50-25.03 | 4.50-25.03 | 4.50-25.03 | 4.50-20.14 | 4.50-16.17 | | |
| R/RF97 | 3 | 27.85-59.92<br>72.17-116.48 | 27.85-59.92<br>72.17-116.48 | 27.85-59.92<br>72.17-116.48 | 27.58-47.58<br>72.17-92.48 | 27.58-37.13<br>72.17 | | |
| R/RF107 | 2 | 4.92-30.77 | 4.92-30.77 | 4.92-30.77 | 4.92-24.90 | 4.92-20.70 | 4.92-20.70 | |
| R/RF107 | 3 | 29.49-158.68 | 29.49-158.68 | 29.49-158.68 | 29.49-65.60<br>78.57-127.68 | 29.49-52.68<br>78.57-102.53 | 29.49-52.68<br>78.57-102.53 | |
| R/RF137 | 2 | 6.38-7.59<br>10.79-29.57 | 6.38-7.59<br>10.79-29.57 | 6.38-7.59<br>10.79-29.57 | 5.15-29.57 | 5.15-24.12 | 5.15-24.12 | 5.15-19.04 |
| R/RF137 | 3 | 27.83-174.40 | 27.83-174.40 | 27.83-174.40 | 27.83-141.12 | 27.83-65.20<br>88.70-113.72 | 27.83-65.20<br>88.70-113.72 | 27.83-50.86<br>88.70 |
| R/RF147 | 2 | 7.25<br>11.99-20.44 | 7.25<br>11.99-20.44 | 7.25<br>11.99-20.44 | 5.89-7.25<br>9.74-20.44 | 5.00-20.44 | 5.00-20.44 | 5.00-20.44 |
| R/RF147 | 3 | 29.95-163.31 | 29.95-163.31 | 29.95-163.31 | 24.19-146.91 | 24.19-119.86 | 24.19-119.86 | 24.19-52.87<br>72.09-84.60 |
| R/RF167 | 2 | | 14.48-46.00 | 14.48-46.00 | 11.99-37.74 | 10.24-30.71 | 10.24-30.71 | 10.24-24.57 |
| R/RF167 | 3 | | 34.41-229.71 | 34.41-229.71 | 27.96-186.93 | 23.71-153.07 | 23.71-153.07 | 23.71-58.65<br>82.91-121.81 |

| 减速机型号 Gear unit size | 级 Stages | D280 | D315 | D315-A/B | | | | |
|---|---|---|---|---|---|---|---|---|
| R/RF147 | 2 | 5.00-20.44 | | | | | | |
| R/RF147 | 3 | 24.19-52.87<br>72.09-94.60 | | | | | | |
| R/RF167 | 2 | 10.24-24.57 | 10.24-19.03 | 10.24-14.48 | | | | |
| R/RF167 | 3 | 23.71-58.65<br>82.91-121.81 | 23.71-44.87<br>82.91-93.19 | 23.71-34.41 | | | | |



## 5.3 速比与最大扭矩
## 5.3 Ratio and max torque

RX57-107 $n_e$=1400 1/min

RX57 70Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 5.50 | 255 | 39 | 3080 | $AD_2$ |
| 5.07 | 276 | 36 | 3030 | |
| 4.35 | 322 | 68 | 2640 | |
| 3.79 | 369 | 69 | 2480 | |
| 3.55 | 394 | 65 | 2420 | |
| 3.14 | 446 | 67 | 2320 | |
| 2.91 | 481 | 69 | 2170 | |
| 2.64 | 530 | 69 | 1810 | |
| 2.37 | 591 | 69 | 1500 | $AD_3$ |
| 2.04 | 686 | 69 | 1070 | |
| 1.92 | 729 | 69 | 890 | |
| 1.65 | 848 | 69 | 430 | |
| 1.48 | 946 | 68 | 112 | |
| 1.30 | 1075 | 63 | 132 | |

RX67 135Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 6.07 | 231 | 43 | 4010 | $AD_2$ |
| 5.18 | 270 | 75 | 3580 | |
| 4.53 | 309 | 82 | 3350 | |
| 4.30 | 326 | 80 | 3300 | |
| 3.77 | 371 | 87 | 3090 | |
| 3.20 | 438 | 100 | 2800 | $AD_3$ |
| 2.89 | 484 | 106 | 2640 | |
| 2.54 | 551 | 118 | 2000 | |
| 2.40 | 583 | 123 | 1530 | |
| 2.04 | 686 | 134 | 230 | |
| 1.86 | 753 | 126 | 225 | |
| 1.61 | 870 | 114 | 245 | |
| 1.40 | 1000 | 104 | 205 | |

RX77 215Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 8.00 | 175 | 57 | 6330 | $AD_2$ |
| 7.47 | 187 | 53 | 6200 | |
| 6.41 | 218 | 103 | 5600 | |
| 5.63 | 249 | 110 | 5300 | |
| 5.35 | 262 | 103 | 5240 | |
| 4.73 | 296 | 123 | 4900 | $AD_3$ |
| 4.04 | 347 | 143 | 4500 | |
| 3.70 | 378 | 153 | 4290 | |
| 3.25 | 431 | 182 | 3200 | $AD_4$ |
| 3.08 | 455 | 193 | 2560 | |
| 2.70 | 519 | 215 | 1110 | |
| 2.43 | 576 | 215 | 510 | |
| 2.13 | 657 | 200 | 435 | |
| 1.88 | 745 | 187 | 335 | |
| 1.67 | 838 | 173 | 315 | |
| 1.42 | 986 | 155 | 315 | |

RX87 400Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 8.65 | 162 | 139 | 7890 | $AD_2$ |
| 7.63 | 183 | 149 | 7490 | |
| 7.20 | 194 | 140 | 7380 | |
| 6.45 | 217 | 192 | 6850 | $AD_3$ |
| 5.56 | 252 | 225 | 6320 | |
| 5.07 | 276 | 250 | 5980 | |
| 4.50 | 311 | 290 | 5500 | $AD_4$ |
| 3.78 | 370 | 305 | 5030 | |
| 3.48 | 402 | 405 | 2730 | $AD_5$ |
| 3.09 | 453 | 405 | 1950 | |
| 2.76 | 507 | 405 | 1200 | |
| 2.48 | 565 | 405 | 470 | |
| 2.14 | 651 | 385 | 42 | |
| 1.93 | 725 | 355 | 185 | |
| 1.60 | 875 | 315 | 74 | |
| 1.39 | 1005 | 290 | 74 | |

RX97 600Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 8.23 | 170 | 225 | 9560 | $AD_3$ |
| 7.16 | 196 | 260 | 8950 | |
| 6.56 | 213 | 300 | 8500 | |
| 5.79 | 242 | 420 | 7630 | $AD_4$ |
| 4.91 | 285 | 395 | 7220 | |
| 4.52 | 310 | 595 | 6180 | $AD_5$ |
| 4.04 | 384 | 595 | 5380 | |
| 3.64 | 385 | 595 | 4530 | |
| 3.30 | 434 | 595 | 3730 | |
| 2.92 | 479 | 595 | 2810 | |
| 2.64 | 530 | 595 | 1980 | |
| 2.24 | 625 | 595 | 495 | |
| 1.96 | 714 | 570 | 19 | |
| 1.64 | 854 | 505 | 51 | |
| 1.42 | 986 | 455 | 132 | $AD_6$ |

RX107 830Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 6.63 | 211 | 460 | 9700 | $AD_4$ |
| 5.61 | 250 | 455 | 9080 | |
| 5.19 | 270 | 695 | 7850 | $AD_5$ |
| 4.65 | 301 | 695 | 7450 | |
| 4.20 | 333 | 830 | 6420 | |
| 3.81 | 367 | 830 | 5550 | |
| 3.38 | 414 | 830 | 4490 | |
| 3.07 | 456 | 830 | 3600 | $AD_6$ |
| 2.64 | 580 | 830 | 2210 | |
| 2.30 | 609 | 830 | 950 | |
| 1.95 | 718 | 765 | 600 | |
| 1.71 | 819 | 705 | 525 | |
| 1.44 | 972 | 645 | 360 | |

## R 17-37 $n_e$=1400 1/min

| R17 | | | | 85Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | |
| 3-stage | | | | |
| 81.64 | 17 | 85 | 1890 | |
| 70.39 | 20 | 85 | 1890 | |
| 65.61 | 21 | 85 | 1890 | |
| 57.35 | 24 | 85 | 1890 | |
| 53.76 | 26 | 85 | 1890 | |
| 47.44 | 30 | 85 | 1890 | |
| 44.18 | 32 | 85 | 1890 | |
| 38.61 | 36 | 85 | 1890 | |
| 36.20 | 39 | 85 | 1890 | |
| 31.94 | 44 | 85 | 1870 | |
| 28.32 | 49 | 85 | 1780 | |
| 24.07 | 58 | 85 | 1650 | |
| 2-stage | | | | |
| 25.23 | 55 | 85 | 1690 | |
| 23.15 | 60 | 85 | 1620 | |
| 19.71 | 71 | 85 | 1500 | |
| 16.99 | 82 | 85 | 1400 | |
| 15.84 | 88 | 85 | 1350 | |
| 13.84 | 101 | 85 | 1270 | |
| 12.98 | 108 | 85 | 1230 | |
| 11.45 | 122 | 81 | 1180 | |
| 10.15 | 138 | 77 | 1140 | |
| 8.63 | 162 | 72 | 1090 | |
| 7.55 | 185 | 56 | 1040 | |
| 7.04 | 199 | 55 | 1010 | |
| 6.15 | 228 | 54 | 950 | |
| 5.76 | 243 | 53 | 930 | |
| 5.09 | 275 | 51 | 890 | |
| 4.51 | 310 | 48 | 870 | |
| 3.83 | 366 | 45 | 830 | |

| R27 | | | | 130Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 135.09 | 10 | 130 | 4230 | |
| 123.91 | 11 | 130 | 4230 | |
| 105.49 | 13 | 130 | 4230 | $AD_1$ |
| 90.96 | 15 | 130 | 4230 | |
| 84.78 | 17 | 130 | 4230 | |
| 74.11 | 19 | 130 | 4230 | |
| 69.47 | 20 | 130 | 4180 | |
| 61.30 | 23 | 130 | 3980 | |
| 55.87 | 25 | 130 | 3840 | |
| 48.17 | 29 | 130 | 3630 | $AD_1$ |
| 44.90 | 31 | 130 | 3530 | |
| 39.25 | 36 | 130 | 3350 | |
| 36.79 | 38 | 130 | 3260 | |
| 32.47 | 43 | 130 | 3100 | |
| 28.78 | 49 | 130 | 2950 | |
| 14.47 | 57 | 130 | 2770 | |
| 2-stage | | | | |
| 28.37 | 49 | 130 | 2940 | |
| 26.09 | 54 | 130 | 2840 | |
| 22.32 | 63 | 130 | 2660 | |
| 19.35 | 72 | 130 | 2510 | |
| 18.08 | 77 | 130 | 2440 | |
| 15.63 | 90 | 130 | 2290 | |
| 13.28 | 105 | 130 | 240 | |
| 11.86 | 118 | 129 | 1990 | |
| 10.13 | 138 | 122 | 1890 | $AD_2$ |
| 9.41 | 149 | 122 | 900 | |
| 8.16 | 172 | 116 | 870 | |
| 7.63 | 183 | 112 | 900 | |
| 6.59 | 212 | 106 | 880 | |
| 5.60 | 250 | 99 | 880 | |
| 5.00 | 280 | 95 | 860 | |
| 4.27 | 328 | 87 | 920 | |
| 4.00 | 350 | 85 | 910 | |
| 3.37 | 415 | 79 | 900 | |

| R37 | | | | 200Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 134.82 | 10 | 200 | 4950 | |
| 123.66 | 11 | 200 | 4950 | |
| 105.28 | 13 | 200 | 4950 | |
| 90.77 | 15 | 200 | 4950 | |
| 84.61 | 17 | 200 | 4950 | $AD_1$ |
| 73.96 | 19 | 200 | 4950 | |
| 69.33 | 20 | 200 | 4950 | |
| 61.18 | 23 | 200 | 4950 | |
| 55.76 | 25 | 200 | 4950 | |
| 48.08 | 29 | 200 | 4950 | |
| 44.81 | 31 | 200 | 4950 | |
| 39.17 | 36 | 200 | 4760 | |
| 36.72 | 38 | 200 | 4540 | $AD_2$ |
| 32.40 | 43 | 200 | 4120 | |
| 28.73 | 49 | 200 | 3740 | |
| 24.42 | 57 | 200 | 3240 | |
| 2-stage | | | | |
| 28.32 | 49 | 200 | 3690 | |
| 26.03 | 54 | 185 | 3860 | |
| 22.27 | 63 | 200 | 2970 | |
| 19.31 | 73 | 200 | 2570 | |
| 18.05 | 78 | 200 | 2390 | |
| 15.60 | 90 | 200 | 2010 | |
| 13.25 | 106 | 190 | 1880 | |
| 11.83 | 118 | 183 | 1810 | |
| 10.11 | 138 | 170 | 1820 | $AD_2$ |
| 9.47 | 148 | 167 | 1760 | |
| 7.97 | 176 | 156 | 1720 | |
| 6.67 | 210 | 144 | 1000 | |
| 5.67 | 247 | 142 | 760 | |
| 5.06 | 277 | 135 | 790 | |
| 4.32 | 324 | 126 | 820 | |
| 4.05 | 346 | 122 | 850 | |
| 3.41 | 411 | 112 | 900 | |

## R 47-67 $n_e$=1400 1/min

| R47 | | | | 300Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 176.88 | 7.9 | 300 | 5420 | |
| 162.94 | 8.6 | 300 | 5420 | |
| 139.99 | 10 | 300 | 5420 | |
| 121.87 | 11 | 300 | 5420 | |
| 114.17 | 12 | 300 | 5420 | |
| 100.86 | 14 | 300 | 5420 | |
| 93.68 | 15 | 300 | 5420 | |
| 84.90 | 16 | 300 | 5420 | |
| 76.23 | 18 | 300 | 5420 | $AD_2$ |
| 68.54 | 20 | 300 | 5420 | |
| 64.21 | 22 | 300 | 5420 | |
| 56.73 | 25 | 300 | 5420 | |
| 52.69 | 27 | 300 | 5420 | |
| 47.75 | 29 | 300 | 5150 | |
| 42.87 | 33 | 300 | 4930 | |
| 36.93 | 38 | 300 | 4630 | |
| 34.73 | 40 | 300 | 4520 | |
| 29.88 | 47 | 300 | 4240 | |
| 26.70 | 52 | 300 | 4050 | |
| 23.59 | 59 | 300 | 3840 | |
| 2-stage | | | | |
| 33.79 | 41 | 240 | 4690 | |
| 31.13 | 45 | 220 | 4610 | |
| 26.74 | 52 | 300 | 4050 | |
| 23.28 | 60 | 300 | 3820 | |
| 21.81 | 64 | 300 | 3710 | |
| 19.27 | 73 | 295 | 3530 | |
| 17.89 | 78 | 290 | 3390 | |
| 16.22 | 86 | 275 | 3350 | |
| 14.56 | 96 | 265 | 3230 | |
| 12.54 | 112 | 250 | 3080 | $AD_2$ |
| 11.79 | 119 | 245 | 3020 | |
| 10.15 | 138 | 230 | 2890 | |
| 9.07 | 154 | 220 | 2780 | |
| 8.01 | 175 | 205 | 2690 | |
| 7.76 | 180 | 163 | 2720 | |
| 6.96 | 201 | 159 | 2620 | |
| 6.00 | 233 | 156 | 2740 | |
| 5.64 | 248 | 155 | 2410 | |
| 4.85 | 289 | 150 | 2280 | |
| 4.34 | 323 | 146 | 2190 | |
| 3.83 | 366 | 144 | 2090 | $AD_3$ |

| R57 | | | | 450Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 186.89 | 7.5 | 450 | 7110 | |
| 172.17 | 8.1 | 450 | 7110 | |
| 147.92 | 9.5 | 450 | 7110 | |
| 128.77 | 11 | 450 | 7110 | |
| 120.63 | 12 | 450 | 7110 | |
| 106.58 | 13 | 450 | 7110 | |
| 98.99 | 14 | 450 | 7110 | |
| 89.71 | 16 | 450 | 7110 | |
| 80.55 | 17 | 450 | 7110 | $AD_2$ |
| 69.23 | 20 | 450 | 7110 | |
| 64.85 | 22 | 450 | 6980 | |
| 57.29 | 24 | 450 | 6630 | |
| 53.22 | 26 | 450 | 6430 | |
| 48.23 | 29 | 450 | 6170 | |
| 43.30 | 32 | 450 | 5900 | |
| 37.30 | 38 | 450 | 5530 | |
| 35.07 | 40 | 450 | 5390 | |
| 30.18 | 46 | 450 | 5050 | |
| 26.97 | 52 | 450 | 4800 | |
| 2-stage | | | | |
| 26.31 | 53 | 450 | 4750 | |
| 24.99 | 56 | 450 | 4640 | |
| 21.93 | 64 | 450 | 4370 | $AD_2$ |
| 18.60 | 75 | 450 | 4050 | |
| 16.79 | 83 | 450 | 3860 | |
| 14.77 | 95 | 435 | 3690 | |
| 13.95 | 100 | 430 | 3610 | |
| 11.88 | 118 | 405 | 3430 | |
| 10.79 | 130 | 390 | 3330 | |
| 9.35 | 150 | 370 | 3180 | |
| 9.06 | 155 | 375 | 2010 | $AD_3$ |
| 7.97 | 176 | 355 | 2020 | |
| 7.53 | 186 | 350 | 1950 | |
| 6.41 | 218 | 335 | 1770 | |
| 5.82 | 241 | 320 | 1820 | |
| 5.05 | 277 | 305 | 1730 | |
| 4.39 | 319 | 280 | 1900 | |

| R67 | | | | 600Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 199.81 | 7.0 | 600 | 7170 | |
| 184.07 | 7.6 | 600 | 7170 | |
| 158.14 | 8.9 | 600 | 7170 | |
| 138.67 | 10 | 600 | 7170 | |
| 128.97 | 11 | 600 | 7170 | |
| 113.94 | 12 | 600 | 7170 | |
| 105.83 | 13 | 600 | 7170 | |
| 95.91 | 15 | 600 | 7170 | |
| 86.11 | 16 | 600 | 7170 | |
| 74.17 | 19 | 600 | 7170 | $AD_2$ |
| 69.75 | 20 | 600 | 7170 | |
| 61.26 | 23 | 600 | 7170 | |
| 56.89 | 25 | 600 | 7170 | |
| 51.56 | 27 | 600 | 7170 | |
| 46.29 | 30 | 600 | 7170 | |
| 39.88 | 35 | 580 | 7410 | |
| 37.50 | 37 | 570 | 7530 | |
| 32.27 | 43 | 540 | 7850 | |
| 28.83 | 49 | 520 | 8050 | |
| 2-stage | | | | |
| 28.13 | 50 | 540 | 7850 | |
| 26.72 | 52 | 540 | 7850 | $AD_2$ |
| 23.44 | 60 | 560 | 7640 | |
| 19.89 | 70 | 600 | 7170 | |
| 17.95 | 78 | 590 | 7290 | |
| 15.79 | 89 | 560 | 7130 | |
| 14.91 | 94 | 550 | 6980 | |
| 12.70 | 110 | 520 | 6650 | |
| 11.54 | 121 | 500 | 6500 | |
| 10.00 | 140 | 470 | 6220 | |
| 8.70 | 161 | 440 | 5960 | $AD_3$ |
| 7.79 | 180 | 380 | 5830 | |
| 7.36 | 190 | 370 | 5790 | |
| 6.27 | 223 | 330 | 5590 | |
| 5.70 | 246 | 310 | 5450 | |
| 4.93 | 284 | 290 | 5210 | |
| 4.29 | 326 | 270 | 5000 | |

## R 77-97 $n_e$=1400 1/min

| R77 | | | | 820Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 195.24 | 7.2 | 820 | 9920 | |
| 166.59 | 8.4 | 820 | 9920 | |
| 145.67 | 9.6 | 820 | 9920 | |
| 138.39 | 10 | 820 | 9920 | |
| 121.42 | 12 | 820 | 9920 | |
| 102.99 | 14 | 820 | 9920 | |
| 92.97 | 15 | 820 | 9920 | |
| 81.80 | 17 | 820 | 9920 | |
| 77.24 | 18 | 820 | 9920 | $AD_2$ |
| 65.77 | 21 | 820 | 9920 | |
| 57.68 | 24 | 820 | 9920 | |
| 52.07 | 27 | 820 | 9920 | |
| 45.81 | 31 | 820 | 9920 | |
| 43.26 | 32 | 820 | 9920 | |
| 36.83 | 38 | 820 | 9920 | |
| 33.47 | 42 | 820 | 9920 | |
| 29.00 | 48 | 820 | 9920 | |
| 25.23 | 55 | 780 | 10100 | |
| 2-stage | | | | |
| 23.37 | 60 | 820 | 8870 | |
| 21.43 | 65 | 820 | 8250 | |
| 18.80 | 74 | 780 | 7980 | |
| 17.82 | 79 | 780 | 7620 | |
| 15.60 | 90 | 740 | 7390 | $AD_3$ |
| 14.05 | 100 | 720 | 7050 | |
| 12.33 | 114 | 690 | 6740 | |
| 10.88 | 129 | 660 | 6490 | |
| 9.64 | 145 | 630 | 6300 | |
| 8.59 | 163 | 630 | 4110 | |
| 7.74 | 181 | 610 | 3940 | |
| 6.79 | 206 | 580 | 3850 | $AD_4$ |
| 5.99 | 234 | 540 | 3990 | |
| 5.31 | 264 | 510 | 3990 | |

| R87 | | | | 1550Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 246.54 | 5.7 | 1550 | 16900 | |
| 216.54 | 6.5 | 1550 | 16900 | |
| 205.71 | 6.8 | 1550 | 16900 | |
| 181.77 | 7.7 | 1550 | 16900 | |
| 155.34 | 9.0 | 1550 | 16900 | |
| 142.41 | 9.8 | 1550 | 16900 | |
| 124.97 | 11 | 1550 | 16900 | |
| 118.43 | 12 | 1550 | 16900 | $AD_2$ |
| 103.65 | 14 | 1550 | 16900 | |
| 93.38 | 15 | 1550 | 16900 | |
| 81.92 | 17 | 1550 | 16900 | |
| 72.57 | 19 | 1550 | 16900 | |
| 63.68 | 22 | 1550 | 15800 | |
| 60.35 | 23 | 1550 | 15200 | |
| 52.82 | 27 | 1550 | 13500 | |
| 47.58 | 29 | 1550 | 16900 | |
| 41.74 | 34 | 1550 | 16900 | |
| 36.84 | 38 | 1550 | 16800 | $AD_3$ |
| 32.66 | 43 | 1550 | 16000 | |
| 27.88 | 50 | 1550 | 15100 | |
| 2-stage | | | | |
| 34.40 | 41 | 1550 | 9480 | $AD_3$ |
| 31.40 | 45 | 1550 | 7820 | |
| 27.84 | 50 | 1550 | 15000 | |
| 23.40 | 60 | 1550 | 13900 | |
| 21.51 | 65 | 1550 | 13600 | |
| 19.10 | 73 | 1440 | 13000 | |
| 17.08 | 82 | 1390 | 12600 | $AD_4$ |
| 15.35 | 91 | 1340 | 12100 | |
| 13.33 | 105 | 1280 | 11600 | |
| 11.93 | 117 | 1230 | 11200 | |
| 9.90 | 141 | 1180 | 10400 | |
| 9.14 | 153 | 1210 | 10500 | |
| 8.22 | 170 | 1160 | 10200 | |
| 7.13 | 196 | 1070 | 9780 | $AD_5$ |
| 6.39 | 218 | 1020 | 9450 | |
| 5.30 | 254 | 910 | 8980 | |

| R97 | | | | 3000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 289.74 | 4.8 | 3000 | 19800 | |
| 255.71 | 5.5 | 3000 | 19800 | |
| 241.25 | 5.8 | 3000 | 19800 | |
| 216.28 | 6.5 | 3000 | 19800 | |
| 186.30 | 7.5 | 3000 | 19800 | |
| 170.02 | 8.2 | 3000 | 19800 | |
| 150.78 | 9.3 | 3000 | 19800 | |
| 126.75 | 11 | 3000 | 19800 | $AD_3$ |
| 116.48 | 12 | 3000 | 19800 | |
| 103.44 | 14 | 3000 | 19800 | |
| 92.48 | 15 | 3000 | 19800 | |
| 83.15 | 17 | 3000 | 19800 | |
| 72.17 | 19 | 3000 | 19800 | |
| 65.21 | 21 | 3000 | 19800 | |
| 59.92 | 23 | 3000 | 19800 | |
| 53.21 | 26 | 3000 | 19800 | |
| 47.58 | 29 | 3000 | 19800 | |
| 42.78 | 33 | 3000 | 19800 | $AD_4$ |
| 37.13 | 38 | 3000 | 18600 | |
| 33.25 | 42 | 2890 | 17900 | |
| 27.58 | 51 | 2670 | 16900 | |
| 2-stage | | | | |
| 32.05 | 44 | 2560 | 10600 | $AD_4$ |
| 27.19 | 51 | 2560 | 8380 | |
| 25.03 | 56 | 2830 | 15900 | |
| 22.37 | 63 | 2720 | 15300 | |
| 20.14 | 70 | 2610 | 14800 | |
| 18.24 | 77 | 2500 | 14400 | |
| 16.17 | 87 | 2400 | 13800 | |
| 14.62 | 96 | 2300 | 13400 | $AD_5$ |
| 12.39 | 113 | 2190 | 12700 | |
| 10.83 | 129 | 2090 | 12100 | |
| 9.29 | 151 | 2030 | 12200 | |
| 8.39 | 167 | 2030 | 11700 | |
| 7.12 | 197 | 2000 | 10900 | |
| 6.21 | 225 | 1890 | 10500 | |
| 5.20 | 269 | 1780 | 9850 | |
| 4.50 | 311 | 1630 | 9500 | $AD_6$ |

## R 107-137 $n_e$=1400 1/min

| R107 | | | | 4300Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 251.15 | 5.6 | 4300 | 29500 | |
| 229.95 | 6.1 | 4300 | 29500 | |
| 203.16 | 6.9 | 4300 | 29500 | |
| 172.34 | 8.1 | 4300 | 29500 | |
| 158.68 | 8.8 | 4300 | 29500 | |
| 141.83 | 9.9 | 4300 | 29500 | $AD_3$ |
| 127.68 | 10 | 4300 | 29500 | |
| 115.63 | 12 | 4300 | 29500 | |
| 102.53 | 14 | 4300 | 29500 | |
| 92.70 | 15 | 4300 | 29500 | |
| 78.57 | 18 | 4300 | 29500 | |
| 72.88 | 19 | 4300 | 29500 | |
| 65.60 | 21 | 4300 | 29200 | |
| 59.41 | 24 | 4300 | 28000 | |
| 52.68 | 27 | 4300 | 26600 | |
| 47.63 | 29 | 4300 | 25500 | $AD_4$ |
| 40.37 | 35 | 4300 | 23800 | |
| 35.26 | 40 | 4300 | 22400 | |
| 29.49 | 47 | 4300 | 20700 | |
| 2-stage | | | | |
| 30.77 | 45 | 4300 | 21100 | |
| 27.58 | 51 | 4300 | 20100 | |
| 24.90 | 56 | 4300 | 19200 | |
| 22.62 | 62 | 4300 | 18300 | $AD_4$ |
| 20.07 | 70 | 4300 | 17300 | |
| 18.21 | 77 | 4300 | 16600 | |
| 15.65 | 89 | 4300 | 15400 | |
| 13.66 | 102 | 4300 | 14400 | |
| 11.59 | 121 | 4300 | 13300 | |
| 10.13 | 138 | 4300 | 12400 | $AD_5$ |
| 8.56 | 164 | 4300 | 11300 | |
| 7.86 | 178 | 2970 | 13800 | |
| 6.66 | 210 | 2970 | 12800 | |
| 5.82 | 241 | 2970 | 12100 | |
| 4.92 | 285 | 2900 | 11300 | |

| R137 | | | | 8000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 222.60 | 6.3 | 8000 | 53400 | |
| 188.45 | 7.4 | 8000 | 53400 | |
| 174.40 | 8.0 | 8000 | 53400 | |
| 156.31 | 9.0 | 8000 | 53400 | |
| 141.12 | 9.9 | 8000 | 53400 | |
| 128.18 | 11 | 8000 | 53400 | |
| 113.72 | 12 | 8000 | 53400 | $AD_4$ |
| 103.20 | 14 | 8000 | 53400 | |
| 88.70 | 16 | 8000 | 53400 | |
| 80.91 | 17 | 8000 | 53400 | |
| 73.49 | 19 | 8000 | 53400 | |
| 65.20 | 21 | 8000 | 53400 | |
| 59.17 | 24 | 8000 | 53400 | |
| 50.86 | 28 | 8000 | 53400 | |
| 44.39 | 32 | 8000 | 53400 | |
| 37.65 | 37 | 8000 | 53400 | $AD_5$ |
| 32.91 | 43 | 8000 | 53400 | |
| 27.83 | 50 | 7680 | 54100 | |
| 2-stage | | | | |
| 29.57 | 47 | 7780 | 53900 | $AD_6$ |
| 24.12 | 58 | 8000 | 49400 | |
| 22.00 | 64 | 8000 | 47100 | |
| 19.04 | 74 | 8000 | 43500 | |
| 16.80 | 83 | 8000 | 40600 | |
| 14.51 | 96 | 8000 | 37300 | |
| 12.83 | 109 | 8000 | 34700 | $AD_7$ |
| 10.79 | 130 | 8000 | 31100 | |
| 8.71 | 161 | 7840 | 27600 | |
| 7.59 | 184 | 5110 | 39000 | |
| 6.38 | 219 | 5110 | 35900 | |
| 5.15 | 272 | 4600 | 34500 | |

## R147 - R167 $n_e$=1400 1/min

| R147 | | | | 13000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 168.81 | 8.6 | 13000 | 62700 | $AD_4$ |
| 146.91 | 9.5 | 13000 | 62700 | |
| 119.86 | 12 | 13000 | 62700 | |
| 109.31 | 13 | 13000 | 62700 | |
| 94.60 | 15 | 13000 | 62700 | |
| 83.47 | 17 | 13000 | 62700 | |
| 72.09 | 19 | 13000 | 62700 | |
| 66.99 | 21 | 13000 | 62700 | |
| 61.09 | 23 | 13000 | 62700 | $AD_5$ |
| 52.87 | 26 | 13000 | 62700 | |
| 46.65 | 30 | 13000 | 62700 | |
| 40.29 | 35 | 13000 | 62700 | $AD_6$ |
| 35.64 | 39 | 13000 | 62700 | |
| 29.95 | 47 | 13000 | 62700 | $AD_7$ |
| 24.19 | 58 | 11900 | 64700 | |
| 2-stage | | | | |
| 20.44 | 68 | 12000 | 64600 | |
| 18.04 | 78 | 10500 | 67000 | |
| 15.65 | 90 | 13000 | 62700 | |
| 13.91 | 101 | 12600 | 63400 | |
| 11.99 | 117 | 13000 | 60400 | $AD_8$ |
| 9.74 | 144 | 13000 | 54400 | |
| 8.26 | 169 | 13000 | 49900 | |
| 7.25 | 193 | 8670 | 58400 | |
| 5.89 | 238 | 8670 | 53200 | |
| 5.00 | 280 | 8670 | 49300 | |

| R167 | | | | 18000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 229.71 | 6.1 | 18000 | 120000 | |
| 186.93 | 7.5 | 18000 | 120000 | |
| 153.07 | 9.1 | 18000 | 120000 | |
| 139.98 | 10 | 18000 | 120000 | |
| 121.81 | 11 | 18000 | 120000 | |
| 107.49 | 13 | 18000 | 120000 | |
| 93.19 | 15 | 18000 | 120000 | |
| 82.91 | 17 | 18000 | 120000 | $AD_2$ |
| 73.70 | 19 | 18000 | 120000 | |
| 67.40 | 21 | 18000 | 120000 | |
| 58.65 | 24 | 18000 | 120000 | |
| 51.76 | 27 | 18000 | 120000 | |
| 44.87 | 31 | 18000 | 120000 | |
| 39.92 | 35 | 18000 | 120000 | |
| 34.41 | 41 | 18000 | 120000 | |
| 27.96 | 50 | 18000 | 120000 | |
| 23.71 | 59 | 18000 | 116500 | |
| 2-stage | | | | |
| 46.00 | 30 | 7000 | 120000 | |
| 37.74 | 37 | 9000 | 120000 | $AD_3$ |
| 30.71 | 46 | 10000 | 120000 | |
| 24.57 | 57 | 14000 | 120000 | |
| 21.85 | 64 | 13000 | 120000 | |
| 19.03 | 74 | 16000 | 111400 | |
| 16.98 | 82 | 15000 | 108900 | |
| 14.48 | 97 | 18000 | 93800 | |
| 11.99 | 117 | 17000 | 88700 | $AD_4$ |
| 10.24 | 137 | 17000 | 82500 | |

## R27/37R17, R47R37 $n_e$=1400 1/min

| R27R17 | | | | 130Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R27 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 8612 | 0.16 | 3 | 3 | 130 | 4230 |
| 7425 | 0.19 | 3 | 3 | 130 | 4230 |
| 6921 | 0.20 | 3 | 3 | 130 | 4230 |
| 6050 | 0.23 | 3 | 3 | 130 | 4230 |
| 5217 | 0.27 | 3 | 3 | 130 | 4230 |
| 4661 | 0.30 | 3 | 3 | 130 | 4230 |
| 473 | 0.34 | 3 | 3 | 130 | 4230 |
| 3516 | 0.40 | 3 | 3 | 130 | 4230 |
| 3160 | 0.44 | 3 | 3 | 130 | 4230 |
| 2763 | 0.51 | 3 | 3 | 130 | 4230 |
| 2414 | 0.58 | 3 | 3 | 130 | 4230 |
| 2110 | 0.66 | 3 | 3 | 130 | 4230 |
| 1862 | 0.75 | 3 | 3 | 130 | 4230 |
| 1822 | 0.77 | 2 | 3 | 130 | 4230 |
| 1625 | 0.86 | 3 | 3 | 130 | 4230 |
| 1580 | 0.89 | 2 | 3 | 130 | 4230 |
| 1464 | 0.96 | 2 | 3 | 130 | 4230 |
| 1434 | 0.98 | 3 | 3 | 130 | 4230 |
| 1270 | 1.1 | 2 | 3 | 130 | 4230 |
| 1254 | 1.1 | 3 | 3 | 130 | 4230 |
| 1101 | 1.3 | 3 | 2 | 130 | 4230 |
| 1100 | 1.3 | 2 | 3 | 130 | 4230 |
| 972 | 1.4 | 2 | 3 | 130 | 4230 |
| 962 | 1.5 | 3 | 2 | 130 | 4230 |
| 848 | 1.7 | 3 | 2 | 130 | 4230 |
| 840 | 1.7 | 2 | 3 | 130 | 4230 |
| 743 | 1.9 | 3 | 2 | 130 | 4230 |
| 741 | 1.9 | 2 | 3 | 130 | 4230 |
| 654 | 2.1 | 2 | 3 | 130 | 4230 |
| 649 | 2.2 | 3 | 2 | 130 | 4230 |
| 567 | 2.5 | 3 | 2 | 130 | 4230 |
| 566 | 2.5 | 2 | 3 | 130 | 4230 |
| 509 | 2.8 | 3 | 2 | 130 | 4230 |
| 499 | 2.8 | 2 | 3 | 130 | 4230 |
| 440 | 3.2 | 2 | 2 | 130 | 4230 |
| 432 | 3.2 | 3 | 2 | 130 | 4230 |
| 387 | 3.6 | 3 | 2 | 130 | 4230 |
| 381 | 3.7 | 2 | 2 | 130 | 4230 |
| 339 | 4.1 | 3 | 2 | 130 | 4230 |
| 329 | 4.3 | 2 | 2 | 130 | 4230 |
| 296 | 4.7 | 3 | 2 | 130 | 4230 |
| 290 | 4.8 | 2 | 2 | 130 | 4230 |
| 259 | 5.4 | 3 | 2 | 130 | 4230 |
| 256 | 5.5 | 2 | 2 | 130 | 4230 |
| 229 | 6.1 | 3 | 2 | 130 | 4230 |
| 227 | 6.2 | 2 | 2 | 130 | 4230 |
| 203 | 6.9 | 2 | 2 | 130 | 4230 |
| 200 | 7.0 | 3 | 2 | 130 | 4230 |
| 179 | 7.8 | 2 | 2 | 130 | 4230 |
| 177 | 7.9 | 3 | 2 | 130 | 4230 |
| 166 | 8.4 | 3 | 2 | 130 | 4230 |
| 156 | 9.0 | 2 | 2 | 130 | 4230 |
| 150 | 9.3 | 3 | 2 | 130 | 4230 |
| 141 | 9.9 | 3 | 2 | 130 | 4230 |
| 135 | 10 | 2 | 2 | 130 | 4230 |
| 124 | 11 | 3 | 2 | 130 | 4230 |
| 118 | 12 | 2 | 2 | 130 | 4230 |
| 110 | 13 | 3 | 2 | 130 | 4230 |
| 104 | 13 | 2 | 2 | 130 | 4230 |
| 94 | 15 | 3 | 2 | 130 | 4230 |
| 90 | 16 | 2 | 2 | 130 | 4230 |

| R37R17 | | | | 200Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R37 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 8595 | 0.16 | 3 | 3 | 200 | 4950 |
| 7411 | 0.19 | 3 | 3 | 200 | 4950 |
| 6907 | 1.20 | 3 | 3 | 200 | 4950 |
| 6038 | 0.23 | 3 | 3 | 200 | 4950 |
| 5206 | 0.27 | 3 | 3 | 200 | 4950 |
| 4654 | 0.30 | 3 | 3 | 200 | 4950 |
| 4065 | 0.34 | 3 | 3 | 200 | 4950 |
| 3658 | 0.38 | 3 | 3 | 200 | 4950 |
| 3154 | 0.44 | 3 | 3 | 200 | 4950 |
| 2757 | 0.51 | 3 | 3 | 200 | 4950 |
| 2409 | 0.58 | 3 | 3 | 200 | 4950 |
| 2106 | 0.66 | 3 | 3 | 200 | 4950 |
| 1856 | 0.75 | 3 | 3 | 200 | 4950 |
| 1818 | 0.77 | 2 | 3 | 200 | 4950 |
| 1622 | 0.86 | 3 | 3 | 200 | 4950 |
| 1576 | 0.89 | 2 | 3 | 200 | 4950 |
| 1431 | 0.98 | 3 | 3 | 200 | 4950 |
| 1359 | 1.0 | 2 | 3 | 200 | 4950 |
| 1267 | 1.1 | 2 | 3 | 200 | 4950 |
| 1251 | 1.1 | 3 | 3 | 200 | 4950 |
| 1099 | 1.3 | 3 | 2 | 200 | 4950 |
| 1098 | 1.3 | 2 | 3 | 200 | 4950 |
| 970 | 1.4 | 2 | 3 | 200 | 4950 |
| 960 | 1.5 | 3 | 2 | 200 | 4950 |
| 847 | 1.7 | 3 | 2 | 200 | 4950 |
| 839 | 1.7 | 2 | 3 | 200 | 4950 |
| 741 | 1.9 | 3 | 2 | 200 | 4950 |
| 740 | 1.9 | 2 | 3 | 200 | 4950 |
| 653 | 2.1 | 2 | 3 | 200 | 4950 |
| 647 | 2.2 | 3 | 2 | 200 | 4950 |
| 577 | 2.4 | 2 | 3 | 200 | 4950 |
| 566 | 2.5 | 3 | 2 | 200 | 4950 |
| 508 | 2.8 | 3 | 2 | 200 | 4950 |
| 498 | 2.8 | 2 | 3 | 200 | 4950 |
| 439 | 3.2 | 2 | 2 | 200 | 4950 |
| 431 | 3.2 | 3 | 2 | 200 | 4950 |
| 387 | 3.6 | 3 | 2 | 200 | 4950 |
| 378 | 3.7 | 2 | 2 | 200 | 4950 |
| 338 | 4.1 | 3 | 2 | 200 | 4950 |
| 328 | 4.3 | 2 | 2 | 200 | 4950 |
| 296 | 4.7 | 3 | 2 | 200 | 4950 |
| 289 | 4.8 | 2 | 2 | 200 | 4950 |
| 265 | 5.3 | 2 | 2 | 200 | 4950 |
| 259 | 5.4 | 3 | 2 | 200 | 4950 |
| 228 | 6.1 | 3 | 2 | 200 | 4950 |
| 226 | 6.2 | 2 | 2 | 200 | 4950 |
| 202 | 6.9 | 2 | 2 | 200 | 4950 |
| 199 | 7.0 | 3 | 2 | 200 | 4950 |
| 179 | 7.8 | 2 | 2 | 200 | 4950 |
| 172 | 8.1 | 3 | 3 | 200 | 4950 |
| 156 | 9.0 | 2 | 2 | 200 | 4950 |
| 150 | 9.3 | 3 | 3 | 200 | 4950 |
| 135 | 10 | 2 | 3 | 200 | 4950 |
| 130 | 11 | 3 | 2 | 200 | 4950 |
| 127 | 11 | 2 | 3 | 200 | 4950 |
| 124 | 11 | 3 | 2 | 200 | 4950 |
| 110 | 13 | 3 | 2 | 200 | 4950 |
| 104 | 13 | 2 | 3 | 200 | 4950 |
| 94 | 15 | 3 | 2 | 200 | 4950 |
| 90 | 16 | 2 | 2 | 200 | 4950 |

| R47R37 | | | | 300Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R47 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 13598 | 0.10 | 3 | 3 | 300 | 5420 |
| 12472 | 0.11 | 3 | 3 | 300 | 5420 |
| 10619 | 0.13 | 3 | 3 | 300 | 5420 |
| 9155 | 0.15 | 3 | 3 | 300 | 5420 |
| 8534 | 0.16 | 3 | 3 | 300 | 5420 |
| 7460 | 0.19 | 3 | 3 | 300 | 5420 |
| 6993 | 0.20 | 3 | 3 | 300 | 5420 |
| 6171 | 0.23 | 3 | 3 | 300 | 5420 |
| 5624 | 0.25 | 3 | 3 | 300 | 5420 |
| 4849 | 0.29 | 3 | 3 | 300 | 5420 |
| 4520 | 0.31 | 3 | 3 | 300 | 5420 |
| 3951 | 0.35 | 3 | 3 | 300 | 5420 |
| 3704 | 0.38 | 3 | 3 | 300 | 5420 |
| 3268 | 0.43 | 3 | 3 | 300 | 5420 |
| 2898 | 0.48 | 3 | 3 | 300 | 5420 |
| 2856 | 0.49 | 3 | 2 | 300 | 5420 |
| 2625 | 0.53 | 3 | 2 | 300 | 5420 |
| 2598 | 0.54 | 2 | 3 | 300 | 5420 |
| 2463 | 0.57 | 3 | 3 | 300 | 5420 |
| 2383 | 0.59 | 2 | 3 | 300 | 5420 |
| 2246 | 0.62 | 3 | 2 | 300 | 5420 |
| 2029 | 0.69 | 2 | 3 | 300 | 5420 |
| 1948 | 0.72 | 3 | 2 | 300 | 5420 |
| 1821 | 0.77 | 3 | 2 | 300 | 5420 |
| 1749 | 0.80 | 2 | 3 | 300 | 5420 |
| 1630 | 0.86 | 2 | 3 | 300 | 5420 |
| 1573 | 0.89 | 2 | 2 | 300 | 5420 |
| 1425 | 0.98 | 3 | 3 | 300 | 5420 |
| 1336 | 1.0 | 2 | 3 | 300 | 5420 |
| 1193 | 1.2 | 3 | 2 | 300 | 5420 |
| 1179 | 1.2 | 2 | 3 | 300 | 5420 |
| 1074 | 1.3 | 2 | 3 | 300 | 5420 |
| 1020 | 1.4 | 3 | 2 | 300 | 5420 |
| 955 | 1.5 | 3 | 2 | 300 | 5420 |
| 927 | 1.5 | 2 | 3 | 300 | 5420 |
| 863 | 1.6 | 2 | 3 | 300 | 5420 |
| 804 | 1.7 | 3 | 2 | 300 | 5420 |
| 755 | 1.9 | 2 | 3 | 300 | 5420 |
| 708 | 2.0 | 2 | 3 | 300 | 5420 |
| 673 | 2.1 | 3 | 2 | 300 | 5420 |
| 624 | 2.2 | 2 | 3 | 300 | 5420 |
| 572 | 2.4 | 3 | 2 | 300 | 5420 |
| 554 | 2.5 | 2 | 3 | 300 | 5420 |
| 546 | 2.6 | 2 | 2 | 300 | 5420 |
| 510 | 2.7 | 3 | 2 | 300 | 5420 |
| 502 | 2.8 | 2 | 2 | 300 | 5420 |
| 471 | 3.0 | 2 | 3 | 300 | 5420 |
| 436 | 3.2 | 3 | 2 | 300 | 5420 |
| 429 | 3.3 | 2 | 2 | 300 | 5420 |
| 408 | 3.4 | 3 | 2 | 300 | 5420 |
| 372 | 3.8 | 2 | 2 | 300 | 5420 |
| 348 | 4.0 | 2 | 2 | 300 | 5420 |
| 344 | 4.1 | 3 | 2 | 300 | 5420 |
| 301 | 4.7 | 2 | 2 | 300 | 5420 |
| 255 | 5.5 | 2 | 2 | 300 | 5420 |
| 228 | 6.1 | 2 | 2 | 300 | 5420 |
| 195 | 7.2 | 2 | 2 | 300 | 5420 |
| 182 | 7.7 | 2 | 2 | 300 | 5420 |
| 154 | 9.1 | 2 | 2 | 300 | 5420 |
| 129 | 11 | 2 | 2 | 300 | 5420 |
| 109 | 13 | 2 | 2 | 300 | 5420 |
| 98 | 14 | 2 | 2 | 300 | 5420 |

## R57/67/77R37 $n_e$=1400 1/min

| R57R37 | | | | | 450Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R57 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 14369 | 0.10 | 3 | 3 | 450 | 7110 |
| 12095 | 0.12 | 3 | 3 | 450 | 7110 |
| 10860 | 0.13 | 3 | 3 | 450 | 7110 |
| 9445 | 0.15 | 3 | 3 | 450 | 7110 |
| 8480 | 0.17 | 3 | 3 | 450 | 7110 |
| 7312 | 0.19 | 3 | 3 | 450 | 7110 |
| 6521 | 0.21 | 3 | 3 | 450 | 7110 |
| 5585 | 0.25 | 3 | 3 | 450 | 7110 |
| 4928 | 0.28 | 3 | 3 | 450 | 7110 |
| 4378 | 0.32 | 3 | 3 | 450 | 7110 |
| 3873 | 0.36 | 3 | 3 | 450 | 7110 |
| 3344 | 0.42 | 3 | 3 | 450 | 7110 |
| 2957 | 0.47 | 2 | 3 | 450 | 7110 |
| 2907 | 0.48 | 3 | 3 | 450 | 7110 |
| 2567 | 0.55 | 3 | 3 | 450 | 7110 |
| 2508 | 0.56 | 2 | 3 | 450 | 7110 |
| 2309 | 0.61 | 2 | 3 | 450 | 7110 |
| 2244 | 0.62 | 3 | 3 | 450 | 7110 |
| 1991 | 0.70 | 2 | 3 | 450 | 7110 |
| 1967 | 0.71 | 3 | 3 | 450 | 7110 |
| 1768 | 0.79 | 2 | 3 | 450 | 7110 |
| 1732 | 0.81 | 3 | 2 | 450 | 7110 |
| 1555 | 0.90 | 3 | 2 | 450 | 7110 |
| 1520 | 0.92 | 2 | 3 | 450 | 7110 |
| 1399 | 1.0 | 3 | 2 | 450 | 7110 |
| 1342 | 1.0 | 2 | 3 | 450 | 7110 |
| 1189 | 1.2 | 3 | 2 | 450 | 7110 |
| 1164 | 1.2 | 2 | 3 | 450 | 7110 |
| 1034 | 1.4 | 3 | 2 | 450 | 7110 |
| 1027 | 1.4 | 2 | 3 | 450 | 7110 |
| 894 | 1.6 | 2 | 3 | 450 | 7110 |
| 805 | 1.7 | 2 | 3 | 450 | 7110 |
| 782 | 1.8 | 3 | 2 | 450 | 7110 |
| 683 | 2.0 | 2 | 3 | 450 | 7110 |
| 678 | 2.1 | 3 | 2 | 450 | 7110 |
| 604 | 2.3 | 3 | 2 | 450 | 7110 |
| 603 | 2.3 | 2 | 3 | 450 | 7110 |
| 537 | 2.6 | 3 | 2 | 450 | 7110 |
| 534 | 2.6 | 2 | 3 | 450 | 7110 |
| 471 | 3.0 | 3 | 2 | 450 | 7110 |
| 454 | 3.1 | 2 | 3 | 450 | 7110 |
| 410 | 3.4 | 2 | 3 | 450 | 7110 |
| 359 | 3.9 | 2 | 2 | 450 | 7110 |
| 357 | 3.9 | 3 | 2 | 450 | 7110 |
| 324 | 4.3 | 2 | 2 | 450 | 7110 |
| 319 | 4.4 | 3 | 2 | 450 | 7110 |
| 290 | 4.8 | 2 | 2 | 450 | 7110 |
| 273 | 5.1 | 3 | 2 | 450 | 7110 |
| 262 | 5.3 | 2 | 2 | 450 | 7110 |
| 246 | 5.7 | 2 | 2 | 450 | 7110 |
| 241 | 5.8 | 3 | 2 | 450 | 7110 |
| 220 | 6.4 | 2 | 2 | 450 | 7110 |
| 215 | 6.5 | 3 | 2 | 450 | 7110 |
| 188 | 7.4 | 2 | 2 | 450 | 7110 |
| 187 | 7.5 | 3 | 2 | 450 | 7110 |
| 164 | 8.5 | 3 | 2 | 450 | 7110 |
| 159 | 8.8 | 2 | 2 | 450 | 7110 |
| 146 | 9.6 | 2 | 2 | 450 | 7110 |
| 142 | 9.9 | 3 | 2 | 450 | 7110 |
| 134 | 10 | 2 | 2 | 450 | 7110 |

| R67R37 | | | | | 600Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R67 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 15361 | 0.09 | 3 | 3 | 600 | 7170 |
| 12931 | 0.11 | 3 | 3 | 600 | 7170 |
| 11996 | 0.12 | 3 | 3 | 600 | 7170 |
| 10097 | 0.14 | 3 | 3 | 600 | 7170 |
| 9066 | 0.15 | 3 | 3 | 600 | 7170 |
| 7816 | 0.18 | 3 | 3 | 600 | 7170 |
| 6732 | 0.21 | 3 | 3 | 600 | 7170 |
| 5970 | 0.23 | 3 | 3 | 600 | 7170 |
| 5268 | 0.27 | 3 | 3 | 600 | 7170 |
| 4680 | 0.30 | 3 | 3 | 600 | 7170 |
| 4136 | 0.34 | 3 | 3 | 600 | 7170 |
| 3566 | 0.39 | 3 | 3 | 600 | 7170 |
| 3125 | 0.45 | 3 | 3 | 600 | 7170 |
| 2745 | 0.51 | 3 | 3 | 600 | 7170 |
| 2682 | 0.52 | 2 | 3 | 600 | 7170 |
| 2460 | 0.57 | 2 | 3 | 600 | 7170 |
| 2403 | 0.58 | 3 | 3 | 600 | 7170 |
| 2136 | 0.66 | 3 | 2 | 600 | 7170 |
| 2094 | 0.67 | 2 | 3 | 600 | 7170 |
| 1852 | 0.76 | 3 | 2 | 600 | 7170 |
| 1805 | 0.78 | 2 | 3 | 600 | 7170 |
| 1652 | 0.85 | 3 | 2 | 600 | 7170 |
| 1629 | 0.86 | 2 | 3 | 600 | 7170 |
| 1471 | 0.95 | 2 | 3 | 600 | 7170 |
| 1432 | 0.98 | 3 | 2 | 600 | 7170 |
| 1379 | 1.0 | 2 | 3 | 600 | 7170 |
| 1259 | 1.1 | 3 | 2 | 600 | 7170 |
| 1109 | 1.3 | 2 | 3 | 600 | 7170 |
| 1106 | 1.3 | 3 | 2 | 600 | 7170 |
| 956 | 1.5 | 2 | 3 | 600 | 7170 |
| 891 | 1.6 | 2 | 3 | 600 | 7170 |
| 836 | 1.7 | 3 | 2 | 600 | 7170 |
| 750 | 1.9 | 3 | 2 | 600 | 7170 |
| 730 | 1.9 | 2 | 3 | 600 | 7170 |
| 646 | 2.2 | 3 | 2 | 600 | 7170 |
| 644 | 2.2 | 2 | 3 | 600 | 7170 |
| 574 | 2.4 | 3 | 2 | 600 | 7170 |
| 571 | 2.5 | 2 | 3 | 600 | 7170 |
| 495 | 2.8 | 3 | 2 | 600 | 7170 |
| 486 | 2.9 | 2 | 3 | 600 | 7170 |
| 443 | 3.2 | 2 | 2 | 600 | 7170 |
| 438 | 3.2 | 3 | 2 | 600 | 7170 |
| 388 | 3.6 | 3 | 2 | 600 | 7170 |
| 384 | 3.6 | 2 | 2 | 600 | 7170 |
| 359 | 3.9 | 2 | 2 | 600 | 7170 |
| 344 | 4.1 | 3 | 2 | 600 | 7170 |
| 310 | 4.5 | 2 | 2 | 600 | 7170 |
| 294 | 4.8 | 3 | 2 | 600 | 7170 |
| 264 | 5.3 | 2 | 2 | 600 | 7170 |
| 261 | 5.4 | 3 | 2 | 600 | 7170 |
| 235 | 6.0 | 2 | 2 | 600 | 7170 |
| 234 | 6.0 | 3 | 2 | 600 | 7170 |
| 201 | 7.0 | 2 | 2 | 600 | 7170 |
| 200 | 7.0 | 3 | 2 | 600 | 7170 |
| 181 | 7.7 | 2 | 2 | 600 | 7170 |
| 181 | 7.7 | 2 | 2 | 600 | 7170 |
| 176 | 8.0 | 3 | 2 | 600 | 7170 |
| 189 | 8.8 | 2 | 2 | 600 | 7170 |
| 158 | 8.9 | 3 | 2 | 600 | 7170 |

| R77R37 | | | | | 820Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R77 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 16370 | 0.09 | 3 | 3 | 820 | 9920 |
| 15015 | 0.09 | 3 | 3 | 820 | 9920 |
| 13885 | 0.10 | 3 | 3 | 820 | 9920 |
| 12783 | 0.11 | 3 | 3 | 820 | 9920 |
| 11021 | 0.13 | 3 | 3 | 820 | 9920 |
| 9788 | 0.14 | 3 | 3 | 820 | 9920 |
| 8714 | 0.16 | 3 | 3 | 820 | 9920 |
| 7617 | 0.18 | 3 | 3 | 820 | 9920 |
| 6770 | 0.21 | 3 | 3 | 820 | 9920 |
| 5838 | 0.24 | 3 | 3 | 820 | 9920 |
| 5184 | 0.27 | 3 | 3 | 820 | 9920 |
| 4470 | 0.31 | 3 | 3 | 820 | 9920 |
| 3999 | 0.35 | 3 | 3 | 820 | 9920 |
| 3488 | 0.40 | 3 | 3 | 820 | 9920 |
| 3151 | 0.44 | 2 | 3 | 820 | 9920 |
| 3053 | 0.46 | 3 | 3 | 820 | 9920 |
| 2890 | 0.48 | 2 | 3 | 820 | 9920 |
| 2671 | 0.52 | 3 | 3 | 820 | 9920 |
| 2460 | 0.57 | 2 | 3 | 820 | 9920 |
| 2345 | 0.60 | 3 | 2 | 820 | 9920 |
| 2121 | 0.66 | 2 | 3 | 820 | 9920 |
| 2070 | 0.68 | 3 | 2 | 820 | 9920 |
| 1977 | 0.71 | 2 | 3 | 820 | 9920 |
| 1822 | 0.77 | 3 | 2 | 820 | 9920 |
| 1728 | 0.81 | 2 | 3 | 820 | 9920 |
| 1620 | 0.86 | 2 | 3 | 820 | 9920 |
| 1580 | 0.89 | 3 | 2 | 820 | 9920 |
| 1430 | 0.98 | 2 | 3 | 820 | 9920 |
| 1394 | 1.0 | 3 | 2 | 820 | 9920 |
| 1303 | 1.1 | 2 | 3 | 820 | 9920 |
| 1218 | 1.1 | 3 | 2 | 820 | 9920 |
| 1124 | 1.2 | 2 | 3 | 820 | 9920 |
| 1084 | 1.3 | 3 | 2 | 820 | 9920 |
| 1047 | 1.3 | 2 | 3 | 820 | 9920 |
| 940 | 1.5 | 3 | 2 | 820 | 9920 |
| 915 | 1.5 | 2 | 3 | 820 | 9920 |
| 858 | 1.6 | 2 | 3 | 820 | 9920 |
| 821 | 1.7 | 3 | 2 | 820 | 9920 |
| 757 | 1.8 | 2 | 3 | 820 | 9920 |
| 731 | 1.9 | 3 | 2 | 820 | 9920 |
| 671 | 2.1 | 2 | 3 | 820 | 9920 |
| 646 | 2.2 | 3 | 2 | 820 | 9920 |
| 571 | 2.5 | 2 | 3 | 820 | 9920 |
| 560 | 2.5 | 3 | 2 | 820 | 9920 |
| 520 | 2.7 | 2 | 2 | 820 | 9920 |
| 488 | 2.9 | 3 | 2 | 820 | 9920 |
| 451 | 3.1 | 2 | 2 | 820 | 9920 |
| 436 | 3.2 | 3 | 2 | 820 | 9920 |
| 522 | 3.3 | 2 | 2 | 820 | 9920 |
| 373 | 3.8 | 3 | 2 | 820 | 9920 |
| 365 | 3.8 | 2 | 2 | 820 | 9920 |
| 327 | 4.3 | 3 | 2 | 820 | 9920 |
| 310 | 4.5 | 2 | 2 | 820 | 9920 |
| 289 | 4.8 | 3 | 2 | 820 | 9920 |
| 276 | 5.1 | 2 | 2 | 820 | 9920 |
| 260 | 5.4 | 3 | 2 | 820 | 9920 |
| 236 | 5.9 | 2 | 2 | 820 | 9920 |
| 224 | 6.2 | 3 | 2 | 820 | 9920 |
| 221 | 6.3 | 2 | 2 | 820 | 9920 |
| 197 | 7.1 | 3 | 2 | 820 | 9920 |
| 186 | 7.5 | 2 | 2 | 820 | 9920 |
| 169 | 8.3 | 3 | 2 | 820 | 9920 |
| 149 | 9.4 | 3 | 2 | 820 | 9920 |

## R87/97R57, R107R77 $n_e$=1400 1/min

| R87R57 | | | | | 1550Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R87 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 17452 | 0.08 | 3 | 3 | 1550 | 16900 |
| 15310 | 0.09 | 3 | 3 | 1550 | 16900 |
| 13813 | 0.10 | 3 | 3 | 1550 | 16900 |
| 12025 | 0.12 | 3 | 3 | 1550 | 16900 |
| 10549 | 0.13 | 3 | 3 | 1550 | 16900 |
| 9244 | 0.15 | 3 | 3 | 1550 | 16900 |
| 8109 | 0.17 | 3 | 3 | 1550 | 16900 |
| 7038 | 0.20 | 3 | 3 | 1550 | 16900 |
| 6174 | 0.23 | 3 | 3 | 1550 | 16900 |
| 5449 | 0.26 | 3 | 3 | 1550 | 16900 |
| 4831 | 0.29 | 3 | 3 | 1550 | 16900 |
| 4206 | 0.33 | 3 | 3 | 1550 | 16900 |
| 4020 | 0.35 | 2 | 3 | 1550 | 16900 |
| 3744 | 0.37 | 3 | 3 | 1550 | 16900 |
| 3703 | 0.38 | 2 | 3 | 1550 | 16900 |
| 3233 | 0.43 | 3 | 3 | 1550 | 16900 |
| 3182 | 0.44 | 2 | 3 | 1550 | 16900 |
| 2873 | 0.49 | 3 | 3 | 1550 | 16900 |
| 2770 | 0.51 | 2 | 3 | 1550 | 16900 |
| 2595 | 0.54 | 2 | 3 | 1550 | 16900 |
| 2518 | 0.56 | 3 | 3 | 1550 | 16900 |
| 2209 | 0.63 | 3 | 3 | 1550 | 16900 |
| 2129 | 0.66 | 2 | 3 | 1550 | 16900 |
| 1961 | 0.71 | 3 | 3 | 1550 | 16900 |
| 1930 | 0.73 | 2 | 3 | 1550 | 16900 |
| 1737 | 0.81 | 3 | 2 | 1550 | 16900 |
| 1733 | 0.81 | 2 | 3 | 1550 | 16900 |
| 1524 | 0.92 | 3 | 2 | 1550 | 16900 |
| 1489 | 0.94 | 2 | 3 | 1550 | 16900 |
| 1395 | 1.0 | 2 | 3 | 1550 | 16900 |
| 1303 | 1.1 | 3 | 2 | 1550 | 16900 |
| 1232 | 1.1 | 2 | 3 | 1550 | 16900 |
| 1145 | 1.2 | 2 | 3 | 1550 | 16900 |
| 1143 | 1.2 | 3 | 2 | 1550 | 16900 |
| 1037 | 1.4 | 2 | 3 | 1550 | 16900 |
| 1008 | 1.4 | 3 | 2 | 1550 | 16900 |
| 994 | 1.4 | 3 | 3 | 1550 | 16900 |
| 931 | 1.5 | 2 | 2 | 1550 | 16900 |
| 885 | 1.6 | 3 | 2 | 1550 | 16900 |
| 881 | 1.6 | 3 | 3 | 1550 | 16900 |
| 802 | 1.7 | 2 | 3 | 1550 | 16900 |
| 776 | 1.8 | 3 | 2 | 1550 | 16900 |
| 754 | 1.9 | 2 | 3 | 1550 | 16900 |
| 685 | 2.0 | 3 | 2 | 1550 | 16900 |
| 649 | 2.2 | 2 | 3 | 1550 | 16900 |
| 599 | 2.3 | 3 | 2 | 1550 | 16900 |
| 580 | 2.4 | 2 | 3 | 1550 | 16900 |
| 538 | 2.6 | 2 | 2 | 1550 | 16900 |
| 525 | 2.7 | 3 | 2 | 1550 | 16900 |
| 472 | 3.0 | 2 | 2 | 1550 | 16900 |
| 456 | 3.1 | 3 | 2 | 1550 | 16900 |
| 400 | 3.5 | 2 | 2 | 1550 | 16900 |
| 398 | 3.5 | 3 | 2 | 1550 | 16900 |
| 361 | 3.9 | 2 | 2 | 1550 | 16900 |
| 352 | 4.0 | 3 | 2 | 1550 | 16900 |
| 305 | 4.6 | 3 | 2 | 1550 | 16900 |
| 300 | 4.7 | 2 | 2 | 1550 | 16900 |
| 268 | 5.2 | 3 | 2 | 1550 | 16900 |
| 256 | 5.5 | 2 | 2 | 1550 | 16900 |
| 236 | 5.9 | 3 | 2 | 1550 | 16900 |
| 232 | 6.0 | 2 | 2 | 1550 | 16900 |
| 232 | 6.0 | 2 | 2 | 1550 | 16900 |
| 209 | 6.7 | 3 | 2 | 1550 | 16900 |
| 195 | 7.2 | 2 | 2 | 1150 | 16900 |

| R97R57 | | | | | 3000Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R97 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 21769 | 0.06 | 3 | 3 | 3000 | 19800 |
| 19332 | 0.07 | 3 | 3 | 3000 | 19800 |
| 17230 | 0.08 | 3 | 3 | 3000 | 19800 |
| 14999 | 0.09 | 3 | 3 | 3000 | 19800 |
| 13320 | 0.11 | 3 | 3 | 3000 | 19800 |
| 11156 | 0.13 | 3 | 3 | 3000 | 19800 |
| 10030 | 0.14 | 3 | 3 | 3000 | 19800 |
| 8706 | 0.16 | 3 | 3 | 3000 | 19800 |
| 7692 | 0.18 | 3 | 3 | 3000 | 19800 |
| 6708 | 0.21 | 3 | 3 | 3000 | 19800 |
| 5931 | 0.24 | 3 | 3 | 3000 | 19800 |
| 5161 | 0.27 | 3 | 3 | 3000 | 19800 |
| 4678 | 0.30 | 2 | 3 | 3000 | 19800 |
| 4559 | 0.31 | 3 | 3 | 3000 | 19800 |
| 4309 | 0.32 | 2 | 3 | 3000 | 19800 |
| 4004 | 0.35 | 3 | 3 | 3000 | 19800 |
| 3702 | 0.38 | 2 | 3 | 3000 | 19800 |
| 3481 | 0.40 | 3 | 3 | 3000 | 19800 |
| 3065 | 0.46 | 3 | 2 | 3000 | 19800 |
| 3019 | 0.46 | 2 | 3 | 3000 | 19800 |
| 2722 | 0.51 | 3 | 2 | 3000 | 19800 |
| 2668 | 0.52 | 2 | 3 | 3000 | 19800 |
| 2311 | 0.61 | 3 | 2 | 3000 | 19800 |
| 2245 | 0.62 | 2 | 3 | 3000 | 19800 |
| 2078 | 0.67 | 3 | 2 | 3000 | 19800 |
| 2016 | 0.69 | 2 | 3 | 3000 | 19800 |
| 1823 | 0.77 | 3 | 2 | 3000 | 19800 |
| 1733 | 0.81 | 2 | 3 | 3000 | 19800 |
| 1623 | 0.86 | 2 | 3 | 3000 | 19800 |
| 1583 | 0.88 | 3 | 2 | 3000 | 19800 |
| 1434 | 0.98 | 2 | 3 | 3000 | 19800 |
| 1396 | 1.0 | 3 | 2 | 3000 | 19800 |
| 1228 | 1.1 | 3 | 2 | 3000 | 19800 |
| 1207 | 1.2 | 2 | 3 | 3000 | 19800 |
| 1084 | 1.3 | 2 | 3 | 3000 | 19800 |
| 1069 | 1.3 | 3 | 2 | 3000 | 19800 |
| 938 | 1.5 | 3 | 2 | 3000 | 19800 |
| 934 | 1.5 | 2 | 3 | 3000 | 19800 |
| 878 | 1.6 | 2 | 3 | 3000 | 19800 |
| 824 | 1.7 | 3 | 2 | 3000 | 19800 |
| 755 | 1.9 | 2 | 3 | 3000 | 19800 |
| 737 | 1.9 | 3 | 2 | 3000 | 19800 |
| 632 | 2.2 | 3 | 2 | 3000 | 19800 |
| 625 | 2.2 | 2 | 2 | 3000 | 19800 |
| 560 | 2.5 | 3 | 2 | 3000 | 19800 |
| 549 | 2.6 | 2 | 2 | 3000 | 19800 |
| 484 | .9 | 3 | 2 | 3000 | 19800 |
| 466 | 3.0 | 2 | 2 | 3000 | 19800 |
| 431 | 3.2 | 3 | 2 | 3000 | 19800 |
| 420 | 3.3 | 2 | 2 | 3000 | 19800 |
| 379 | 3.7 | 3 | 2 | 3000 | 19800 |
| 370 | 3.8 | 2 | 2 | 3000 | 19800 |
| 349 | 4.0 | 2 | 2 | 3000 | 19800 |
| 336 | 4.2 | 3 | 2 | 3000 | 19800 |
| 297 | 4.7 | 2 | 2 | 3000 | 19800 |
| 296 | 4.7 | 3 | 2 | 3000 | 19800 |
| 270 | 5.2 | 2 | 2 | 3000 | 19800 |
| 249 | 5.6 | 3 | 2 | 3000 | 19800 |
| 234 | 6.0 | 3 | 2 | 3000 | 19800 |
| 227 | 6.2 | 2 | 2 | 3000 | 19800 |
| 209 | 6.7 | 3 | 2 | 3000 | 19800 |
| 249 | 5.6 | 2 | 2 | 3000 | 19800 |

| R107R77 | | | | | 4300Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R107 | Stage R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 20018 | 0.07 | 3 | 3 | 4300 | 29500 |
| 17080 | 0.08 | 3 | 3 | 4300 | 29500 |
| 14936 | 0.09 | 3 | 3 | 4300 | 29500 |
| 12829 | 0.11 | 3 | 3 | 4300 | 29500 |
| 11256 | 0.12 | 3 | 3 | 4300 | 29500 |
| 9547 | 0.15 | 3 | 3 | 4300 | 29500 |
| 8618 | 0.16 | 3 | 3 | 4300 | 29500 |
| 7583 | 0.18 | 3 | 3 | 4300 | 29500 |
| 6743 | 0.21 | 3 | 3 | 4300 | 29500 |
| 5914 | 0.24 | 3 | 3 | 4300 | 29500 |
| 5168 | 0.27 | 3 | 3 | 4300 | 29500 |
| 4435 | 0.32 | 3 | 3 | 4300 | 29500 |
| 3918 | 0.36 | 2 | 3 | 4300 | 29500 |
| 3896 | 0.36 | 3 | 3 | 4300 | 29500 |
| 3432 | 0.41 | 3 | 3 | 4300 | 29500 |
| 3343 | 0.42 | 2 | 3 | 4300 | 29500 |
| 3039 | 0.46 | 3 | 3 | 4300 | 29500 |
| 3034 | 0.46 | 2 | 3 | 4300 | 29500 |
| 2688 | 0.52 | 3 | 3 | 4300 | 29500 |
| 2653 | 0.53 | 2 | 3 | 4300 | 29500 |
| 2339 | 0.60 | 3 | 3 | 4300 | 29500 |
| 2280 | 0.61 | 2 | 3 | 4300 | 29500 |
| 2067 | 0.69 | 2 | 3 | 4300 | 29500 |
| 1987 | 0.70 | 3 | 2 | 4300 | 29500 |
| 1827 | 0.77 | 3 | 2 | 4300 | 29500 |
| 1693 | 0.83 | 2 | 3 | 4300 | 29500 |
| 1599 | 0.88 | 3 | 2 | 4300 | 29500 |
| 1550 | 0.90 | 2 | 3 | 4300 | 29500 |
| 1407 | 1.0 | 2 | 3 | 4300 | 29500 |
| 1400 | 1.0 | 3 | 2 | 4300 | 29500 |
| 1226 | 1.1 | 3 | 2 | 4300 | 29500 |
| 1209 | 1.2 | 2 | 3 | 4300 | 29500 |
| 1104 | 1.3 | 3 | 2 | 4300 | 29500 |
| 1055 | 1.3 | 2 | 3 | 4300 | 29500 |
| 939 | 1.5 | 3 | 2 | 4300 | 29500 |
| 919 | 1.5 | 2 | 3 | 4300 | 29500 |
| 822 | 1.7 | 3 | 2 | 4300 | 29500 |
| 815 | 1.7 | 2 | 3 | 4300 | 29500 |
| 717 | 2.0 | 2 | 3 | 4300 | 29500 |
| 626 | 2.2 | 2 | 3 | 4300 | 29500 |
| 614 | 2.3 | 3 | 2 | 4300 | 29500 |
| 544 | 2.6 | 3 | 2 | 4300 | 29500 |
| 528 | 2.7 | 2 | 3 | 4300 | 29500 |
| 492 | 2.8 | 3 | 2 | 4300 | 29500 |
| 469 | 3.0 | 2 | 2 | 4300 | 29500 |
| 426 | 3.3 | 2 | 2 | 4300 | 29500 |
| 417 | 3.4 | 3 | 2 | 4300 | 29500 |
| 377 | 3.7 | 2 | 2 | 4300 | 29500 |
| 369 | 3.8 | 3 | 2 | 4300 | 29500 |
| 325 | 4.3 | 2 | 2 | 4300 | 29500 |
| 323 | 4.3 | 3 | 2 | 4300 | 29500 |
| 285 | 4.9 | 3 | 2 | 4300 | 29500 |
| 284 | 4.9 | 2 | 2 | 4300 | 29500 |
| 256 | 5.5 | 2 | 2 | 4300 | 29500 |
| 253 | 5.5 | 3 | 2 | 4300 | 29500 |
| 220 | 6.4 | 2 | 2 | 4300 | 29500 |
| 214 | 6.5 | 3 | 2 | 4300 | 29500 |
| 193 | 7.3 | 2 | 2 | 4300 | 29500 |
| 187 | 7.5 | 3 | 2 | 4300 | 29500 |
| 172 | 8.1 | 2 | 2 | 4300 | 29500 |

## R137/147R77, R147R87 $n_e$=1400 1/min

| R137R77 | | | | 8000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R137 | R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 22203 | 0.06 | 3 | 3 | 8000 | 53400 |
| 18945 | 0.07 | 3 | 3 | 8000 | 53400 |
| 16566 | 0.08 | 3 | 3 | 8000 | 53400 |
| 14777 | 0.09 | 3 | 3 | 8000 | 53400 |
| 12921 | 0.11 | 3 | 3 | 8000 | 53400 |
| 11712 | 0.12 | 3 | 3 | 8000 | 53400 |
| 10573 | 0.13 | 3 | 3 | 8000 | 53400 |
| 8784 | 0.16 | 3 | 3 | 8000 | 53400 |
| 7479 | 0.19 | 3 | 3 | 8000 | 53400 |
| 6559 | 0.21 | 3 | 3 | 8000 | 53400 |
| 5834 | 0.24 | 3 | 3 | 8000 | 53400 |
| 5116 | 0.27 | 3 | 3 | 8000 | 53400 |
| 4709 | 0.30 | 2 | 3 | 8000 | 53400 |
| 4464 | 0.31 | 3 | 3 | 8000 | 53400 |
| 4017 | 0.35 | 2 | 3 | 8000 | 53400 |
| 3928 | 0.36 | 3 | 3 | 8000 | 53400 |
| 3514 | 0.40 | 2 | 3 | 8000 | 53400 |
| 3454 | 0.41 | 3 | 3 | 8000 | 53400 |
| 3338 | 0.42 | 2 | 3 | 8000 | 53400 |
| 2993 | 0.47 | 3 | 3 | 8000 | 53400 |
| 2929 | 0.48 | 2 | 3 | 8000 | 53400 |
| 2658 | 0.53 | 3 | 2 | 8000 | 53400 |
| 2484 | 0.56 | 2 | 3 | 8000 | 53400 |
| 2412 | 0.58 | 3 | 2 | 8000 | 53400 |
| 2242 | 0.62 | 2 | 3 | 8000 | 53400 |
| 2073 | 0.68 | 3 | 2 | 8000 | 53400 |
| 1863 | 0.75 | 2 | 3 | 8000 | 53400 |
| 1839 | 0.76 | 3 | 2 | 8000 | 53400 |
| 1598 | 0.88 | 3 | 2 | 8000 | 53400 |
| 1586 | 0.88 | 2 | 3 | 8000 | 53400 |
| 1397 | 1.0 | 3 | 2 | 8000 | 53400 |
| 1391 | 1.0 | 2 | 3 | 8000 | 53400 |
| 1256 | 1.1 | 2 | 3 | 8000 | 53400 |
| 1226 | 1.1 | 3 | 2 | 8000 | 53400 |
| 1105 | 1.3 | 2 | 3 | 8000 | 53400 |
| 1090 | 1.3 | 3 | 2 | 8000 | 53400 |
| 1043 | 1.3 | 2 | 3 | 8000 | 53400 |
| 951 | 1.5 | 3 | 2 | 8000 | 53400 |
| 888 | 1.6 | 2 | 3 | 8000 | 53400 |
| 831 | 1.7 | 3 | 2 | 8000 | 53400 |
| 730 | 1.9 | 3 | 2 | 8000 | 53400 |
| 699 | 2.0 | 2 | 3 | 8000 | 53400 |
| 629 | 2.2 | 3 | 2 | 8000 | 53400 |
| 609 | 2.3 | 2 | 3 | 8000 | 53400 |
| 564 | 2.5 | 2 | 2 | 8000 | 53400 |
| 560 | 2.5 | 3 | 2 | 8000 | 53400 |
| 517 | 2.7 | 2 | 2 | 8000 | 53400 |
| 490 | 2.9 | 3 | 2 | 8000 | 53400 |
| 453 | 3.1 | 2 | 2 | 8000 | 53400 |
| 428 | 3.3 | 3 | 2 | 8000 | 53400 |
| 381 | 3.7 | 3 | 2 | 8000 | 53400 |
| 376 | 3.7 | 2 | 2 | 8000 | 53400 |
| 339 | 4.1 | 2 | 2 | 8000 | 53400 |
| 323 | 4.3 | 3 | 2 | 8000 | 53400 |
| 297 | 4.7 | 2 | 2 | 8000 | 53400 |
| 291 | 4.8 | 3 | 2 | 8000 | 53400 |
| 255 | 5.5 | 3 | 2 | 8000 | 53400 |
| 223 | 6.3 | 3 | 2 | 8000 | 53400 |
| 197 | 7.1 | 3 | 2 | 8000 | 53400 |
| 175 | 8.0 | 3 | 2 | 8000 | 53400 |

| R147R77 | | | | 13000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R147 | R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 23401 | 0.06 | 3 | 3 | 13000 | 62700 |
| 21342 | 0.07 | 3 | 3 | 13000 | 62700 |
| 18210 | 0.08 | 3 | 3 | 13000 | 62700 |
| 15923 | 0.09 | 3 | 3 | 13000 | 62700 |
| 14075 | 0.10 | 3 | 3 | 13000 | 62700 |
| 12344 | 0.11 | 3 | 3 | 13000 | 62700 |
| 11143 | 0.13 | 3 | 3 | 13000 | 62700 |
| 9743 | 0.14 | 3 | 3 | 13000 | 62700 |
| 8443 | 0.17 | 3 | 3 | 13000 | 62700 |
| 7307 | 0.19 | 3 | 3 | 13000 | 62700 |
| 6447 | 0.22 | 3 | 3 | 13000 | 62700 |
| 5568 | 0.25 | 3 | 3 | 13000 | 62700 |
| 4926 | 0.28 | 3 | 3 | 13000 | 62700 |
| 4325 | 0.32 | 3 | 3 | 13000 | 62700 |
| 3754 | 0.37 | 3 | 3 | 13000 | 62700 |
| 3302 | 0.42 | 3 | 3 | 13000 | 62700 |
| 2898 | 0.48 | 3 | 3 | 13000 | 62700 |
| 2555 | 0.55 | 3 | 2 | 13000 | 62700 |
| 2211 | 0.63 | 3 | 2 | 13000 | 62700 |
| 1951 | 0.72 | 3 | 2 | 13000 | 62700 |
| 1705 | 0.82 | 3 | 2 | 13000 | 62700 |
| 1536 | 0.91 | 3 | 2 | 13000 | 62700 |
| 1329 | 1.1 | 3 | 2 | 13000 | 62700 |
| 1166 | 1.2 | 3 | 2 | 13000 | 62700 |
| 1029 | 1.4 | 3 | 2 | 13000 | 62700 |
| 889 | 1.6 | 3 | 2 | 13000 | 62700 |
| 784 | 1.8 | 3 | 2 | 13000 | 62700 |
| 695 | 2.0 | 3 | 2 | 13000 | 62700 |
| 619 | 2.3 | 3 | 2 | 13000 | 62700 |
| 558 | 2.5 | 3 | 2 | 13000 | 62700 |
| 489 | 2.9 | 3 | 2 | 13000 | 62700 |
| 415 | 3.4 | 3 | 2 | 13000 | 62700 |

| R147R87 | | | | 13000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R147 | R87 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 533 | 2.6 | 3 | 2 | 13000 | 62700 |
| 462 | 3.0 | 3 | 2 | 13000 | 62700 |
| 426 | 3.3 | 3 | 2 | 13000 | 62700 |
| 368 | 3.8 | 3 | 2 | 13000 | 62700 |
| 326 | 4.3 | 3 | 2 | 13000 | 62700 |
| 280 | 5.0 | 3 | 2 | 13000 | 62700 |
| 247 | 5.7 | 3 | 2 | 13000 | 62700 |
| 214 | 6.5 | 3 | 2 | 13000 | 62700 |
| 189 | 7.4 | 3 | 2 | 13000 | 62700 |
| 159 | 8.8 | 3 | 2 | 13000 | 62700 |

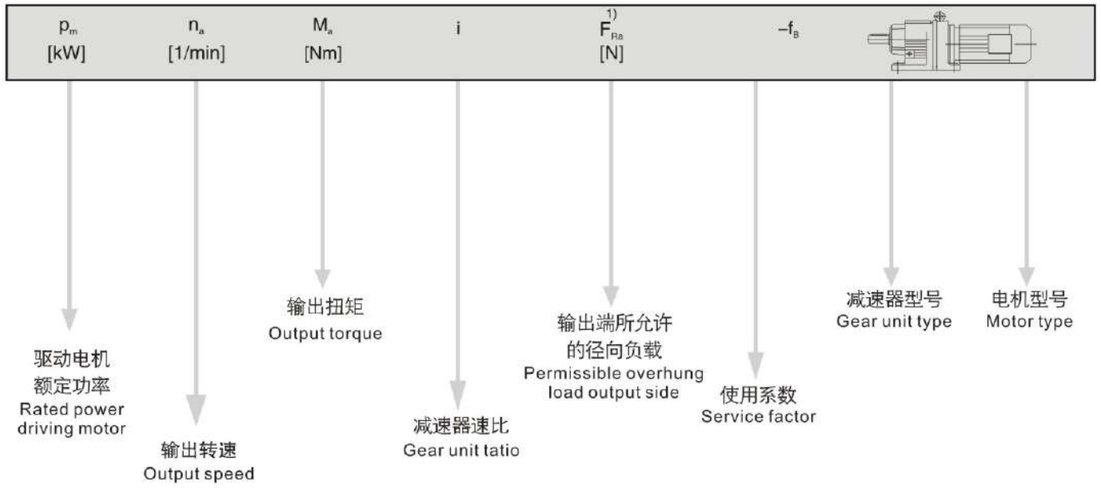
## R167R97, R167R107 $n_e$=1400 1/min

| R167R97 | | | | 18000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R167 | R97 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 27001 | 0.05 | 3 | 3 | 18000 | 120000 |
| 22482 | 0.06 | 3 | 3 | 18000 | 120000 |
| 20002 | 0.07 | 3 | 3 | 18000 | 120000 |
| 17361 | 0.08 | 3 | 3 | 18000 | 120000 |
| 15446 | 0.09 | 3 | 3 | 18000 | 120000 |
| 14051 | 0.10 | 3 | 3 | 18000 | 120000 |
| 11812 | 0.12 | 3 | 3 | 18000 | 120000 |
| 10509 | 0.13 | 3 | 3 | 18000 | 120000 |
| 9631 | 0.15 | 3 | 3 | 18000 | 120000 |
| 7749 | 0.18 | 3 | 3 | 18000 | 120000 |
| 6894 | 0.20 | 3 | 3 | 18000 | 120000 |
| 6077 | 0.23 | 3 | 3 | 18000 | 120000 |
| 5407 | 0.26 | 3 | 3 | 18000 | 120000 |
| 4650 | 0.30 | 3 | 3 | 18000 | 120000 |
| 4129 | 0.34 | 3 | 3 | 18000 | 120000 |
| 3692 | 0.38 | 3 | 3 | 18000 | 120000 |
| 3099 | 0.45 | 3 | 3 | 18000 | 120000 |
| 2657 | 0.53 | 3 | 2 | 18000 | 120000 |
| 2333 | 0.60 | 3 | 2 | 18000 | 120000 |
| 2085 | 0.67 | 3 | 2 | 18000 | 120000 |
| 1877 | 0.75 | 3 | 2 | 18000 | 120000 |
| 1670 | 0.84 | 3 | 2 | 18000 | 120000 |
| 1438 | 0.97 | 3 | 2 | 18000 | 120000 |
| 1279 | 1.1 | 3 | 2 | 18000 | 120000 |
| 1123 | 1.2 | 3 | 2 | 18000 | 120000 |
| 999 | 1.4 | 3 | 2 | 18000 | 120000 |
| 861 | 1.6 | 3 | 2 | 18000 | 120000 |
| 760 | 1.8 | 3 | 2 | 18000 | 120000 |
| 656 | 2.1 | 3 | 2 | 18000 | 120000 |
| 579 | 2.4 | 3 | 2 | 18000 | 120000 |
| 503 | 2.8 | 3 | 2 | 18000 | 120000 |
| 432 | 3.2 | 3 | 2 | 18000 | 120000 |
| 376 | 3.7 | 3 | 2 | 18000 | 120000 |
| 335 | 4.2 | 3 | 2 | 18000 | 120000 |
| 303 | 4.6 | 3 | 2 | 18000 | 120000 |
| 279 | 5.0 | 3 | 2 | 18000 | 120000 |

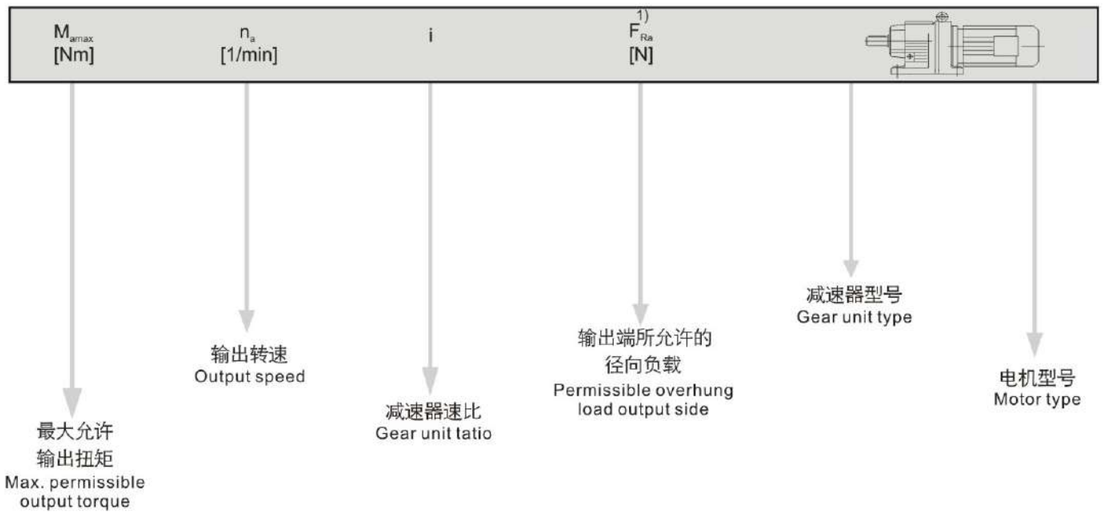
| R167R107 | | | | 18000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage R167 | R107 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 3637 | 0.38 | 2 | 3 | 18000 | 120000 |
| 3330 | 0.42 | 2 | 3 | 18000 | 120000 |
| 2757 | 0.51 | 2 | 3 | 18000 | 120000 |
| 2436 | 0.57 | 2 | 3 | 18000 | 120000 |
| 2298 | 0.61 | 2 | 3 | 18000 | 120000 |
| 2066 | 0.68 | 2 | 3 | 18000 | 120000 |
| 1849 | 0.76 | 2 | 3 | 18000 | 120000 |
| 1674 | 0.84 | 2 | 3 | 18000 | 120000 |
| 1485 | 0.94 | 2 | 3 | 18000 | 120000 |
| 1342 | 1.0 | 2 | 3 | 18000 | 120000 |
| 1229 | 1.1 | 2 | 3 | 18000 | 120000 |
| 1111 | 1.3 | 2 | 3 | 18000 | 120000 |
| 950 | 1.5 | 2 | 3 | 18000 | 120000 |
| 860 | 1.6 | 2 | 3 | 18000 | 120000 |
| 763 | 1.8 | 2 | 3 | 18000 | 120000 |
| 690 | 2.0 | 2 | 3 | 18000 | 120000 |
| 585 | 2.4 | 2 | 3 | 18000 | 120000 |
| 511 | 2.7 | 2 | 3 | 18000 | 120000 |
| 446 | 3.1 | 2 | 2 | 18000 | 120000 |
| 399 | 3.5 | 2 | 2 | 18000 | 120000 |
| 361 | 3.9 | 2 | 2 | 18000 | 120000 |
| 349 | 4.0 | 3 | 2 | 18000 | 120000 |
| 328 | 4.3 | 2 | 2 | 18000 | 120000 |
| 295 | 4.7 | 3 | 2 | 18000 | 120000 |
| 291 | 4.8 | 2 | 2 | 18000 | 120000 |
| 270 | 5.2 | 3 | 2 | 18000 | 120000 |
| 264 | 5.3 | 2 | 2 | 18000 | 120000 |
| 229 | 6.1 | 3 | 2 | 18000 | 120000 |
| 227 | 6.2 | 2 | 2 | 18000 | 120000 |
| 200 | 7.0 | 3 | 2 | 18000 | 120000 |
| 198 | 7.1 | 2 | 2 | 18000 | 120000 |
| 169 | 8.3 | 3 | 2 | 18000 | 120000 |
| 168 | 8.3 | 2 | 2 | 18000 | 120000 |

## 5.4 选型表注释
## 5.4 Selection table

选型表的结构
Selection table for geared motors




对于特殊低输出转速
For particularly low output speeds




图例 Cuttine
※ 也可用于 EExe 电机。 ※ EEXE motor is optional.
1) 实心轴底脚安装减速机的径向负荷
1） Overhung load specified for foot – mounted gear unit with solid shaft

注意：Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 0.06 | 14300 | 21342 | 58600 | 0.90 | | |
| 0.08 | 12000 | 18210 | 64500 | 1.10 | R | **147 R77 D63S4** |
| 0.09 | 10300 | 15923 | 67300 | 1.25 | RF | **147 R77 D63S4** |
| 0.10 | 9440 | 14075 | 68600 | 1.40 | | |
| 0.11 | 7630 | 12344 | 70700 | 1.70 | | |
| 0.12 | 6780 | 11143 | 71500 | 1.90 | | |
| 0.14 | 6020 | 9743 | 72200 | 2.2 | R | **147 R77 D63S4** |
| 0.16 | 4960 | 8443 | 73000 | 2.6 | RF | **147 R77 D63S4** |
| 0.19 | 4290 | 7307 | 73400 | 3.0 | | |
| 0.21 | 3780 | 6447 | 73700 | 3.4 | | |
| 0.25 | 3270 | 5568 | 73900 | 4.0 | | |
| 0.11 | 8390 | 12921 | 52300 | 0.95 | | |
| 0.12 | 7240 | 11712 | 54900 | 1.10 | | |
| 0.13 | 6430 | 10573 | 56400 | 1.25 | | |
| 0.16 | 5160 | 8784 | 58200 | 1.55 | R | **137 R77 D63S4** |
| 0.18 | 4270 | 7479 | 59200 | 1.85 | RF | **137 R77 D63S4** |
| 0.21 | 4060 | 6559 | 59500 | 1.95 | | |
| 0.24 | 3330 | 5834 | 60100 | 2.4 | | |
| 0.27 | 3160 | 5116 | 60200 | 2.5 | | |
| 0.18 | 4500 | 7583 | 28300 | 0.95 | | |
| 0.20 | 3850 | 6743 | 31700 | 1.10 | | |
| 0.23 | 3660 | 5914 | 32500 | 1.20 | R | **107 R77 D63S4** |
| 0.27 | 2950 | 5168 | 35100 | 1.45 | RF | **107 R77 D63S4** |
| 0.31 | 2600 | 4435 | 36000 | 1.65 | | |
| 0.35 | 2310 | 3896 | 36400 | 1.85 | | |
| 0.45 | 1880 | 3039 | 36900 | 2.3 | | |
| 0.35 | 2670 | 3918 | 35900 | 1.60 | | |
| 0.41 | 2240 | 3343 | 36500 | 1.90 | | |
| 0.45 | 2030 | 3034 | 36700 | 2.1 | R | **107 R77 D63S4** |
| 0.52 | 1750 | 2653 | 37000 | 2.5 | RF | **107 R77 D63S4** |
| 0.61 | 1500 | 2280 | 37200 | 2.9 | | |
| 0.67 | 1300 | 2067 | 37400 | 3.3 | | |
| 0.30 | 2950 | 4559 | 21300 | 1.00 | R | **97 R57 D63S4** |
| 0.34 | 2500 | 4004 | 24100 | 1.20 | RF | **97 R57 D63S4** |
| 0.40 | 2200 | 3481 | 25500 | 1.35 | | |
| 0.29 | 3240 | 4678 | 3970 | 0.90 | | |
| 0.32 | 2970 | 4309 | 21000 | 1.00 | | |
| 0.37 | 2510 | 3702 | 24000 | 1.20 | | |
| 0.46 | 2010 | 3019 | 26400 | 1.50 | R | **97 R57 D63S4** |
| 0.52 | 1750 | 2668 | 27300 | 1.70 | RF | **97 R57 D63S4** |
| 0.61 | 1440 | 2245 | 27700 | 2.1 | | |
| 0.68 | 1280 | 2016 | 27900 | 2.3 | | |
| 0.80 | 1160 | 1733 | 28100 | 2.6 | | |
| 0.45 | 2020 | 3065 | 26300 | 1.50 | | |
| 0.51 | 1790 | 2722 | 27100 | 1.65 | | |
| 0.60 | 1510 | 2311 | 27600 | 2.0 | | |
| 0.66 | 1360 | 2078 | 27800 | 2.2 | R | **97 R57 D63S4** |
| 0.76 | 1170 | 1823 | 28100 | 2.6 | RF | **97 R57 D63S4** |
| 0.87 | 1020 | 1583 | 28200 | 3.0 | | |
| 0.99 | 860 | 1396 | 28300 | 3.5 | | |
| 1.1 | 740 | 1228 | 28400 | 4.1 | | |
| 0.48 | 1740 | 2873 | 15500 | 0.90 | R | **87 R57 D63S4** |
| 0.70 | 1260 | 1961 | 18700 | 1.25 | RF | **87 R57 D63S4** |
| 0.50 | 1850 | 2770 | 10700 | 0.85 | | |
| 0.53 | 1730 | 2595 | 15600 | 0.90 | R | **87 R57 D63S4** |
| 0.65 | 1390 | 2129 | 18000 | 1.10 | RF | **87 R57 D63S4** |
| 0.72 | 1240 | 1930 | 18800 | 1.25 | | |
| 0.80 | 1100 | 1733 | 19400 | 1.40 | | |
| 0.79 | 1090 | 1737 | 19500 | 1.40 | | |
| 0.91 | 960 | 1524 | 20000 | 1.60 | | |
| 1.1 | 775 | 1303 | 20000 | 2.0 | | |
| 1.2 | 680 | 1143 | 20000 | 2.3 | R | **87 R57 D63S4** |
| 1.6 | 555 | 885 | 20000 | 2.8 | RF | **87 R57 D63S4** |
| 1.8 | 485 | 776 | 20000 | 3.2 | | |
| 2.0 | 430 | 685 | 20000 | 3.6 | | |
| 2.3 | 345 | 599 | 20000 | 4.5 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 0.97 | 950 | 1430 | 8220 | 0.85 | | |
| 1.1 | 900 | 1303 | 9080 | 0.90 | R | **77 R37 D63S4** |
| 1.2 | 770 | 1124 | 10400 | 1.05 | RF | **77 R37 D63S4** |
| 1.3 | 715 | 1047 | 10800 | 1.15 | | |
| 1.5 | 615 | 915 | 11500 | 1.35 | | |
| 0.99 | 940 | 1394 | 8660 | 0.85 | | |
| 1.1 | 785 | 1218 | 10200 | 1.05 | | |
| 1.3 | 710 | 1084 | 10800 | 1.15 | R | **77 R37 D63S4** |
| 1.5 | 635 | 940 | 11400 | 1.30 | RF | **77 R37 D63S4** |
| 1.7 | 505 | 821 | 12000 | 1.60 | | |
| 1.9 | 460 | 731 | 12300 | 1.80 | | |
| 2.1 | 440 | 646 | 12300 | 1.85 | | |
| 2.7 | 365 | 520 | 12600 | 2.3 | | |
| 3.1 | 310 | 451 | 12800 | 2.6 | R | **77 R37 D63S4** |
| 3.3 | 290 | 422 | 12800 | 2.8 | RF | **77 R37 D63S4** |
| 3.8 | 245 | 365 | 12900 | 3.3 | | |
| 1.4 | 655 | 956 | 5950 | 0.90 | | |
| 1.5 | 605 | 891 | 7480 | 1.00 | | |
| 1.9 | 490 | 730 | 8670 | 1.25 | R | **67 R37 D63S4** |
| 2.1 | 425 | 644 | 9150 | 1.40 | RF | **67 R37 D63S4** |
| 2.4 | 375 | 571 | 9490 | 1.60 | | |
| 2.8 | 315 | 486 | 9820 | 1.90 | | |
| 1.6 | 565 | 836 | 7980 | 1.05 | | |
| 1.8 | 475 | 750 | 8790 | 1.25 | | |
| 2.1 | 420 | 646 | 9190 | 1.40 | R | **67 R37 D63S4** |
| 2.4 | 380 | 574 | 9450 | 1.55 | RF | **67 R37 D63S4** |
| 2.8 | 330 | 495 | 9740 | 1.80 | | |
| 3.2 | 275 | 438 | 9990 | 2.2 | | |
| 1.8 | 525 | 782 | 5710 | 0.85 | | |
| 2.0 | 440 | 678 | 7160 | 1.05 | | |
| 2.3 | 395 | 604 | 7330 | 1.15 | R | **57 R37 D63S4** |
| 2.6 | 360 | 537 | 7460 | 1.25 | RF | **57 R37 D63S4** |
| 2.9 | 315 | 471 | 7590 | 1.45 | | |
| 3.9 | 235 | 357 | 7790 | 1.95 | | |
| 4.3 | 205 | 319 | 7840 | 2.2 | | |
| 3.8 | 245 | 359 | 7760 | 1.80 | | |
| 4.3 | 225 | 324 | 7810 | 2.0 | | |
| 4.8 | 196 | 290 | 7860 | 2.3 | R | **57 R37 D63S4** |
| 5.3 | 177 | 262 | 7890 | 2.5 | RF | **57 R37 D63S4** |
| 5.6 | 164 | 246 | 7910 | 2.8 | | |
| 6.3 | 144 | 220 | 7940 | 3.1 | | |
| 2.4 | 375 | 572 | 2500 | 0.80 | | |
| 2.7 | 330 | 510 | 5140 | 0.90 | R | **47 R37 D63S4** |
| 3.2 | 275 | 436 | 5540 | 1.10 | RF | **47 R37 D63S4** |
| 3.4 | 255 | 408 | 5630 | 1.15 | | |
| 4.0 | 210 | 344 | 5810 | 1.40 | | |
| 2.8 | 355 | 502 | 3780 | 0.85 | | |
| 3.2 | 300 | 429 | 5430 | 1.00 | | |
| 3.7 | 255 | 372 | 5640 | 1.15 | | |
| 4.0 | 240 | 348 | 5710 | 1.25 | R | **47 R37 D63S4** |
| 4.6 | 205 | 301 | 5840 | 1.50 | RF | **47 R37 D63S4** |
| 5.4 | 169 | 255 | 5950 | 1.75 | | |
| 6.1 | 150 | 228 | 6000 | 2.0 | | |
| 7.1 | 125 | 195 | 6050 | 2.4 | | |
| 4.1 | 220 | 338 | 4700 | 0.90 | | |
| 4.7 | 205 | 296 | 4910 | 1.00 | | |
| 5.3 | 176 | 259 | 5220 | 1.15 | R | **37 R17 D63S4** |
| 6.1 | 155 | 228 | 5420 | 1.30 | RF | **37 R17 D63S4** |
| 6.9 | 134 | 199 | 5600 | 1.50 | | |
| 8.0 | 117 | 172 | 5720 | 1.70 | | |
| 4.2 | 230 | 328 | 4550 | 0.90 | | |
| 4.8 | 197 | 289 | 4990 | 1.00 | | |
| 5.2 | 184 | 265 | 5130 | 1.10 | R | **37 R17 D63S4** |
| 6.1 | 151 | 226 | 5470 | 1.35 | RF | **37 R17 D63S4** |
| 6.8 | 138 | 202 | 5570 | 1.45 | | |
| 7.7 | 120 | 179 | 5700 | 1.65 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 6.0 | 152 | 229 | 4130 | 0.85 | | |
| 6.9 | 132 | 200 | 4220 | 1.00 | R | 27 R17 D63S4 |
| 7.8 | 116 | 177 | 4290 | 1.10 | RF | 27 R17 D63S4 |
| 8.3 | 111 | 166 | 4310 | 1.15 | | |
| 6.1 | 151 | 227 | 4130 | 0.85 | | |
| 6.8 | 138 | 203 | 4200 | 0.95 | R | 27 R17 D63S4 |
| 7.7 | 121 | 179 | 4280 | 1.10 | RF | 27 R17 D63S4 |
| 8.8 | 102 | 156 | 4350 | 1.25 | | |
| 4.6 | 250 | 195.24 | 12900 | 3.3 | R | 77 D63M6 |
| 5.4 | 210 | 166.59 | 13000 | 3.9 | RF | 77 D63M6 |
| 6.2 | 186 | 145.67 | 13000 | 4.4 | | |
| 4.5 | 255 | 199.81 | 10100 | 2.4 | | |
| 4.9 | 235 | 184.07 | 10100 | 2.6 | | |
| 5.7 | 200 | 158.14 | 10300 | 3.0 | R | 67 D63M6 |
| 6.5 | 175 | 137.67 | 10300 | 3.4 | RF | 67 D63M6 |
| 7.0 | 164 | 128.97 | 10400 | 3.7 | | |
| 7.9 | 145 | 113.94 | 10400 | 4.1 | | |
| 6.9 | 166 | 199.81 | 10300 | 3.6 | R | 67 D63S4 |
| 7.5 | 153 | 184.07 | 10400 | 3.9 | RF | 67 D63S4 |
| 4.8 | 240 | 186.89 | 7780 | 1.90 | | |
| 5.2 | 220 | 172.17 | 7820 | 2.0 | | |
| 6.1 | 188 | 147.92 | 7870 | 2.4 | | |
| 7.0 | 164 | 128.77 | 7910 | 2.7 | R | 57 D63M6 |
| 7.5 | 154 | 120.63 | 7920 | 2.9 | RF | 57 D63M6 |
| 8.4 | 136 | 106.58 | 7950 | 3.3 | | |
| 9.1 | 126 | 98.99 | 7960 | 3.6 | | |
| 7.4 | 155 | 186.89 | 7920 | 2.9 | | |
| 8.0 | 143 | 172.17 | 7940 | 3.2 | R | 57 D63S4 |
| 9.3 | 123 | 147.92 | 7960 | 3.7 | RF | 57 D63S4 |
| 11 | 107 | 128.77 | 7980 | 4.2 | | |
| 5.1 | 225 | 176.88 | 5760 | 1.35 | | |
| 5.5 | 210 | 162.94 | 5830 | 1.45 | R | 47 D63M6 |
| 6.4 | 178 | 139.99 | 5920 | 1.70 | RF | 47 D63M6 |
| 7.4 | 155 | 121.87 | 5980 | 1.95 | | |
| 7.8 | 147 | 176.88 | 6000 | 2.0 | | |
| 8.5 | 135 | 162.94 | 6030 | 2.2 | | |
| 9.9 | 116 | 139.99 | 6070 | 2.6 | | |
| 11 | 101 | 121.87 | 6100 | 3.0 | R | 47 D63S4 |
| 12 | 95 | 114.17 | 6110 | 3.2 | RF | 47 D63S4 |
| 14 | 84 | 100.86 | 6120 | 3.6 | | |
| 15 | 78 | 93.68 | 6130 | 3.9 | | |
| 6.7 | 172 | 134.82 | 5270 | 1.15 | | |
| 7.3 | 157 | 123.66 | 5410 | 1.25 | | |
| 8.6 | 134 | 105.28 | 5600 | 1.50 | R | 37 D63M6 |
| 9.9 | 116 | 90.77 | 5730 | 1.75 | RF | 37 D63M6 |
| 11 | 108 | 84.61 | 5770 | 1.85 | | |
| 12 | 94 | 73.96 | 5850 | 2.1 | | |
| 10 | 112 | 134.82 | 5750 | 1.80 | | |
| 11 | 103 | 123.66 | 5800 | 1.95 | | |
| 13 | 87 | 105.28 | 5880 | 2.3 | R | 37 D63S4 |
| 15 | 75 | 90.77 | 5930 | 2.7 | RF | 37 D63S4 |
| 16 | 70 | 84.61 | 5950 | 2.8 | | |
| 19 | 61 | 73.96 | 5980 | 3.3 | | |
| 7.3 | 158 | 123.91 | 4090 | 0.80 | | |
| 8.5 | 134 | 105.49 | 4210 | 0.95 | R | 27 D63M6 |
| 9.9 | 116 | 90.96 | 4300 | 1.10 | RF | 27 D63M6 |
| 11 | 108 | 84.78 | 4330 | 1.20 | | |
| 12 | 94 | 74.11 | 4370 | 1.40 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 10 | 112 | 135.09 | 4310 | 1.15 | | |
| 11 | 103 | 123.91 | 4340 | 1.25 | | |
| 13 | 88 | 105.49 | 4390 | 1.50 | | |
| 15 | 76 | 90.96 | 4430 | 1.70 | | |
| 16 | 70 | 84.78 | 4440 | 1.85 | R | 27 D63S4 |
| 19 | 62 | 74.11 | 4460 | 2.1 | RF | 27 D63S4 |
| 20 | 58 | 69.47 | 4470 | 2.2 | | |
| 23 | 51 | 61.30 | 4400 | 2.5 | | |
| 25 | 46 | 55.87 | 4280 | 2.8 | | |
| 29 | 40 | 48.17 | 4090 | 3.2 | | |
| 31 | 37 | 44.90 | 4000 | 3.5 | | |
| 11 | 104 | 81.64 | 300 | 0.80 | | |
| 13 | 90 | 70.39 | 1470 | 0.95 | | |
| 14 | 84 | 65.61 | 1860 | 1.00 | R | 17 D63M6 |
| 16 | 73 | 57.35 | 2430 | 1.15 | RF | 17 D63M6 |
| 17 | 68 | 53.76 | 2500 | 1.25 | | |
| 19 | 60 | 47.44 | 2500 | 1.40 | | |
| 17 | 68 | 81.64 | 2500 | 1.25 | | |
| 20 | 58 | 70.39 | 2500 | 1.45 | | |
| 21 | 55 | 65.61 | 2500 | 1.55 | | |
| 24 | 48 | 57.35 | 2500 | 1.80 | | |
| 26 | 45 | 53.76 | 2500 | 1.90 | | |
| 29 | 39 | 47.44 | 2500 | 2.2 | R | 17 D63S4 |
| 31 | 37 | 44.18 | 2500 | 2.3 | RF | 17 D63S4 |
| 36 | 32 | 38.61 | 2430 | 2.7 | | |
| 38 | 30 | 36.20 | 2390 | 2.8 | | |
| 43 | 27 | 31.94 | 2310 | 3.2 | | |
| 49 | 24 | 28.32 | 2230 | 3.6 | | |
| 57 | 20 | 24.07 | 2130 | 4.2 | | |
| 55 | 21 | 25.23 | 2160 | 4.1 | | |
| 60 | 19 | 23.15 | 2110 | 4.4 | | |
| 70 | 16 | 19.71 | 2010 | 5.2 | | |
| 81 | 14 | 16.99 | 1920 | 6.0 | | |
| 87 | 13 | 15.84 | 1880 | 6.4 | | |
| 100 | 12 | 13.84 | 1810 | 7.4 | | |
| 106 | 11 | 12.98 | 1770 | 7.9 | | |
| 121 | 9.5 | 11.45 | 1710 | 8.5 | R | 17 D63S4 |
| 136 | 8.4 | 10.15 | 1640 | 9.2 | RF | 17 D63S4 |
| 160 | 7.2 | 8.63 | 1560 | 10 | | |
| 183 | 6.3 | 7.55 | 1490 | 8.9 | | |
| 196 | 5.8 | 7.04 | 1460 | 9.5 | | |
| 224 | 5.1 | 6.15 | 1400 | 11 | | |
| 239 | 4.8 | 5.76 | 1370 | 11 | | |
| 271 | 4.2 | 5.09 | 1320 | 12 | | |
| 306 | 3.7 | 4.51 | 1270 | 13 | | |
| 360 | 3.2 | 3.83 | 1200 | 14 | | |
| 227 | 5.0 | 6.07 | 4270 | 8.6 | | |
| 267 | 4.3 | 5.18 | 4050 | 17 | RX | 67 D63S4 |
| 305 | 3.8 | 4.53 | 3870 | 22 | RXF | 67 D63S4 |
| 321 | 3.6 | 4.30 | 3810 | 22 | | |
| 251 | 4.6 | 5.50 | 3360 | 8.5 | | |
| 272 | 4.2 | 5.07 | 3270 | 8.6 | | |
| 317 | 3.6 | 4.35 | 3120 | 19 | | |
| 364 | 3.1 | 3.79 | 2980 | 22 | | |
| 389 | 2.9 | 3.55 | 2910 | 24 | RX | 57 D63S4 |
| 440 | 2.6 | 3.14 | 2800 | 25 | RXF | 57 D63S4 |
| 474 | 2.4 | 2.91 | 2730 | 28 | | |
| 523 | 2.2 | 2.64 | 2640 | 31 | | |
| 582 | 2.0 | 2.37 | 2550 | 35 | | |
| 676 | 1.7 | 2.04 | 2430 | 41 | | |
| 719 | 1.6 | 1.92 | 2380 | 43 | | |
| 835 | 1.4 | 1.65 | 2260 | 49 | | |
| **0.18kW** | | | | | | |
| 0.09 | 15500 | 14075 | 43800 | 0.85 | | |
| 0.11 | 12900 | 12344 | 62800 | 1.00 | R | 147R77 D63M4 |
| 0.12 | 11600 | 11143 | 65300 | 1.10 | RF | 147R77 D63M4 |
| 0.14 | 10200 | 9743 | 67500 | 1.25 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | |
| 0.16 | 8590 | 8443 | 69600 | 1.50 | | |
| 0.18 | 7430 | 7307 | 70900 | 1.75 | | |
| 0.20 | 6560 | 6447 | 71700 | 2.0 | | |
| 0.24 | 5660 | 5568 | 72500 | 2.3 | R | 147 R77 D63M4 |
| 0.27 | 5120 | 4926 | 72900 | 2.5 | RF | 147 R77 D63M4 |
| 0.31 | 4430 | 4325 | 73300 | 2.9 | | |
| 0.35 | 3900 | 3754 | 73600 | 3.3 | | |
| 0.40 | 3380 | 3302 | 73800 | 3.8 | | |
| 0.15 | 8930 | 8784 | 49900 | 0.90 | R | 137 R77 D63M4 |
| 0.18 | 7490 | 7479 | 54400 | 1.05 | RF | 137 R77 D63M4 |
| 0.20 | 6880 | 6559 | 55600 | 1.15 | | |
| 0.23 | 5840 | 5834 | 57300 | 1.35 | | |
| 0.26 | 5370 | 5116 | 57900 | 1.50 | R | 137 R77 D63M4 |
| 0.30 | 4540 | 4464 | 58900 | 1.75 | RF | 137 R77 D63M4 |
| 0.34 | 4000 | 3928 | 59500 | 2.0 | | |
| 0.28 | 5260 | 4709 | 58100 | 1.50 | | |
| 0.33 | 4450 | 4018 | 59000 | 1.80 | R | 137 R77 D63M4 |
| 0.38 | 3850 | 3514 | 59600 | 2.1 | RF | 137 R77 D63M4 |
| 0.40 | 3640 | 3338 | 59800 | 2.2 | | |
| 0.45 | 3160 | 2929 | 60200 | 2.5 | | |
| 0.30 | 4510 | 4435 | 28300 | 0.95 | R | 107 R77 D63M4 |
| 0.34 | 3990 | 3896 | 31100 | 1.10 | RF | 107 R77 D63M4 |
| 0.43 | 3190 | 3039 | 34300 | 1.35 | | |
| 0.34 | 4380 | 3918 | 29000 | 1.00 | | |
| 0.39 | 3700 | 3343 | 32400 | 1.15 | | |
| 0.44 | 3360 | 3034 | 33700 | 1.30 | R | 107 R77 D63M4 |
| 0.50 | 2910 | 2653 | 35200 | 1.50 | RF | 107 R77 D63M4 |
| 0.58 | 2500 | 2280 | 36200 | 1.70 | | |
| 0.64 | 2200 | 2067 | 36500 | 1.95 | | |
| 0.66 | 2050 | 1987 | 36700 | 2.1 | | |
| 0.72 | 1840 | 1827 | 36900 | 2.3 | R | 107 R77 D63M4 |
| 0.83 | 1580 | 1599 | 37200 | 2.7 | RF | 107 R77 D63M4 |
| 0.94 | 1410 | 1400 | 37300 | 3.1 | | |
| 1.1 | 1210 | 1226 | 37400 | 3.6 | | |
| 0.49 | 2920 | 2668 | 21500 | 1.05 | | |
| 0.59 | 2420 | 2245 | 24500 | 1.25 | | |
| 0.65 | 2160 | 2016 | 25700 | 1.40 | | |
| 0.76 | 1920 | 1733 | 26700 | 1.55 | | |
| 0.81 | 1790 | 1623 | 27200 | 1.70 | R | 97 R57 D63M4 |
| 0.92 | 1570 | 1434 | 27600 | 1.90 | RF | 97 R57 D63M4 |
| 1.1 | 1300 | 1207 | 27900 | 2.3 | | |
| 1.2 | 1160 | 1084 | 28100 | 2.6 | | |
| 1.4 | 990 | 934 | 28200 | 3.0 | | |
| 1.5 | 920 | 878 | 28300 | 3.2 | | |
| 1.8 | 785 | 755 | 28400 | 3.8 | | |
| 0.49 | 2980 | 2722 | 20400 | 1.00 | R | 97 R57 D63M4 |
| 0.57 | 2520 | 2311 | 24000 | 1.20 | RF | 97 R57 D63M4 |
| 0.64 | 2270 | 2078 | 25200 | 1.30 | | |
| 0.76 | 1850 | 1733 | 10800 | 0.85 | | |
| 0.89 | 1650 | 1489 | 16200 | 0.95 | | |
| 0.95 | 1540 | 1395 | 17000 | 1.00 | | |
| 1.1 | 1350 | 1232 | 18200 | 1.15 | R | 87 R57 D63M4 |
| 1.1 | 1250 | 1145 | 18700 | 1.25 | RF | 87 R57 D63M4 |
| 1.3 | 1120 | 1037 | 19300 | 1.40 | | |
| 1.4 | 1000 | 931 | 19800 | 1.55 | | |
| 1.6 | 850 | 802 | 20000 | 1.85 | | |
| 0.76 | 1850 | 1737 | 11200 | 0.85 | | |
| 0.87 | 1620 | 1524 | 16400 | 0.95 | | |
| 1.0 | 1350 | 1303 | 18200 | 1.15 | R | 87 R57 D63M4 |
| 1.2 | 1180 | 1143 | 19100 | 1.30 | RF | 87 R57 D63M4 |
| 1.5 | 940 | 885 | 20000 | 1.65 | | |
| 1.7 | 830 | 776 | 20000 | 1.90 | | |
| 1.5 | 950 | 858 | 8100 | 0.85 | | |
| 1.7 | 830 | 757 | 9800 | 1.00 | R | 77 R37 D63M4 |
| 2.0 | 735 | 671 | 10700 | 1.10 | RF | 77 R37 D63M4 |
| 2.3 | 620 | 571 | 11400 | 1.35 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | |
| 1.6 | 870 | 821 | 9480 | 0.95 | | |
| 1.8 | 780 | 731 | 10300 | 1.05 | | |
| 2.0 | 720 | 646 | 10800 | 1.15 | | |
| 2.4 | 625 | 560 | 11400 | 1.30 | | |
| 2.7 | 530 | 488 | 11900 | 1.55 | R | 77 R37 D63M4 |
| 3.0 | 470 | 436 | 12200 | 1.75 | RF | 77 R37 D63M4 |
| 3.5 | 405 | 373 | 12500 | 2.0 | | |
| 4.0 | 355 | 327 | 12600 | 2.3 | | |
| 4.6 | 320 | 289 | 12800 | 2.6 | | |
| 2.3 | 625 | 571 | 7260 | 0.95 | R | 67 R37 D63M4 |
| 2.7 | 525 | 486 | 8350 | 1.15 | RF | 67 R37 D63M4 |
| 2.3 | 635 | 574 | 7140 | 0.95 | | |
| 2.7 | 545 | 495 | 8160 | 1.10 | | |
| 3.0 | 465 | 438 | 8860 | 1.30 | | |
| 3.4 | 415 | 388 | 9250 | 1.45 | R | 67 R37 D63M4 |
| 3.8 | 380 | 344 | 9470 | 1.60 | RF | 67 R37 D63M4 |
| 4.5 | 310 | 294 | 9840 | 1.95 | | |
| 5.1 | 280 | 261 | 9960 | 2.1 | | |
| 2.9 | 490 | 454 | 6910 | 0.90 | R | 57 R37 D63M4 |
| 3.2 | 445 | 410 | 7130 | 1.00 | RF | 57 R37 D63M4 |
| 2.8 | 520 | 471 | 6000 | 0.85 | | |
| 3.7 | 390 | 357 | 7350 | 1.15 | | |
| 4.1 | 345 | 319 | 7500 | 1.30 | R | 57 R37 D63M4 |
| 4.8 | 290 | 273 | 7650 | 1.55 | RF | 57 R37 D63M4 |
| 5.5 | 255 | 241 | 7750 | 1.75 | | |
| 6.1 | 225 | 215 | 7800 | 2.0 | | |
| 3.7 | 405 | 359 | 7280 | 1.10 | | |
| 4.1 | 365 | 324 | 7430 | 1.25 | | |
| 4.6 | 325 | 290 | 7560 | 1.40 | | |
| 5.0 | 295 | 262 | 7650 | 1.55 | R | 57 R37 D63M4 |
| 5.3 | 275 | 246 | 7700 | 1.65 | RF | 57 R37 D63M4 |
| 6.0 | 240 | 220 | 7770 | 1.85 | | |
| 7.0 | 205 | 188 | 7840 | 2.2 | | |
| 8.3 | 172 | 159 | 7900 | 2.6 | | |
| 4.4 | 335 | 301 | 4780 | 0.90 | | |
| 5.2 | 285 | 255 | 5510 | 1.05 | R | 47 R37 D63M4 |
| 5.8 | 250 | 228 | 5660 | 1.20 | RF | 47 R37 D63M4 |
| 6.8 | 210 | 195 | 5810 | 1.40 | | |
| 6.6 | 220 | 199 | 4650 | 0.90 | R | 37 R17 D63M4 |
| 7.7 | 192 | 172 | 5040 | 1.05 | RF | 37 R17 D63M4 |
| 8.8 | 167 | 150 | 5320 | 1.20 | | |
| 5.8 | 250 | 226 | 2090 | 0.80 | | |
| 6.5 | 230 | 202 | 4560 | 0.90 | R | 37 R17 D63M4 |
| 7.4 | 200 | 179 | 4950 | 1.10 | RF | 37 R17 D63M4 |
| 8.5 | 171 | 156 | 5270 | 1.15 | | |
| 9.4 | 153 | 141 | 4120 | 0.85 | | |
| 11 | 135 | 124 | 4210 | 0.95 | R | 27 R17 D63M4 |
| 12 | 121 | 110 | 4280 | 1.10 | RF | 27 R17 D63M4 |
| 14 | 102 | 94 | 4350 | 1.30 | | |
| 9.8 | 148 | 135 | 4150 | 0.90 | | |
| 11 | 134 | 118 | 4210 | 0.95 | R | 27 R17 D63M4 |
| 13 | 117 | 104 | 4290 | 1.10 | RF | 27 R17 D63M4 |
| 15 | 101 | 90 | 4350 | 1.30 | | |
| 4.5 | 385 | 195.24 | 12500 | 2.1 | R | 77 D63L6 |
| 5.2 | 330 | 166.59 | 12700 | 2.5 | RF | 77 D63L6 |
| 6.0 | 290 | 145.67 | 12800 | 2.8 | R | 77 D63L6 |
| 6.3 | 275 | 138.39 | 12900 | 3.0 | RF | 77 D63L6 |
| 7.2 | 240 | 121.42 | 12900 | 3.4 | | |
| 6.8 | 255 | 195.24 | 12900 | 3.2 | | |
| 7.9 | 215 | 166.59 | 13000 | 3.8 | R | 77 D63M4 |
| 9.1 | 190 | 145.67 | 13000 | 4.3 | RF | 77 D63M4 |
| 9.5 | 180 | 138.39 | 13000 | 4.6 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | | |
| 4.3 | 395 | 199.81 | 9370 | 1.50 | | | |
| 4.7 | 365 | 184.07 | 9560 | 1.65 | | | |
| 5.5 | 310 | 158.14 | 9830 | 1.90 | | | |
| 6.3 | 270 | 137.67 | 10000 | 2.2 | | | |
| 6.8 | 255 | 128.97 | 10100 | 2.3 | | | |
| 7.6 | 225 | 113.94 | 10200 | 2.7 | R | 67 | D63L6 |
| 8.2 | 210 | 105.83 | 10200 | 2.9 | RF | 67 | D63L6 |
| 9.1 | 190 | 95.91 | 10300 | 3.2 | | | |
| 10 | 170 | 86.11 | 10300 | 3.5 | | | |
| 12 | 147 | 74.17 | 10400 | 4.1 | | | |
| 12 | 138 | 69.75 | 10400 | 4.3 | | | |
| 6.6 | 260 | 119.81 | 10100 | 2.3 | | | |
| 7.2 | 240 | 184.07 | 10100 | 2.5 | | | |
| 8.4 | 205 | 158.14 | 10200 | 2.9 | R | 67 | D63M4 |
| 9.6 | 179 | 137.67 | 10300 | 3.3 | RF | 67 | D63M4 |
| 10 | 168 | 128.97 | 10300 | 3.6 | | | |
| 12 | 148 | 113.94 | 10400 | 4.0 | | | |
| 12 | 138 | 105.83 | 10400 | 4.3 | | | |
| 4.7 | 370 | 186.89 | 7420 | 1.20 | | | |
| 5.1 | 340 | 172.17 | 7510 | 1.30 | R | 57 | D63L6 |
| 5.9 | 290 | 147.92 | 7650 | 1.55 | RF | 57 | D63L6 |
| 6.8 | 255 | 128.77 | 7740 | 1.75 | | | |
| 7.2 | 240 | 120.63 | 7780 | 1.90 | | | |
| 7.1 | 245 | 186.89 | 7770 | 1.85 | | | |
| 7.7 | 225 | 172.17 | 7810 | 2.0 | | | |
| 8.9 | 193 | 147.92 | 7870 | 2.3 | | | |
| 10 | 168 | 128.77 | 7900 | 2.7 | R | 57 | D63M4 |
| 11 | 157 | 120.63 | 7920 | 2.9 | RF | 57 | D63M4 |
| 12 | 139 | 106.58 | 7940 | 3.2 | | | |
| 13 | 129 | 98.99 | 7950 | 3.5 | | | |
| 15 | 117 | 89.71 | 7970 | 3.8 | | | |
| 7.5 | 230 | 176.88 | 5740 | 1.30 | | | |
| 8.1 | 210 | 162.94 | 5810 | 1.40 | | | |
| 9.4 | 182 | 139.99 | 5910 | 1.65 | | | |
| 11 | 159 | 121.87 | 5980 | 1.90 | R | 47 | D63M4 |
| 12 | 149 | 114.17 | 6000 | 2.0 | RF | 47 | D63M4 |
| 13 | 131 | 100.86 | 6040 | 2.3 | | | |
| 14 | 122 | 93.68 | 6060 | 2.5 | | | |
| 16 | 111 | 84.90 | 6080 | 2.7 | | | |
| 17 | 99 | 76.23 | 6100 | 3.0 | | | |
| 7.0 | 245 | 123.66 | 3060 | 0.80 | | | |
| 8.3 | 210 | 105.28 | 4840 | 0.95 | R | 37 | D63L6 |
| 9.6 | 179 | 90.77 | 5190 | 1.10 | RF | 37 | D63L6 |
| 10 | 167 | 84.61 | 5310 | 1.20 | | | |
| 9.8 | 176 | 134.82 | 5230 | 1.15 | | | |
| 11 | 161 | 123.66 | 5370 | 1.25 | | | |
| 13 | 137 | 105.28 | 5580 | 1. 45 | | | |
| 15 | 118 | 90.77 | 5710 | 1.70 | | | |
| 16 | 110 | 84.61 | 5760 | 1.80 | R | 37 | D63M4 |
| 18 | 96 | 73.96 | 5840 | 2.1 | RF | 37 | D63M4 |
| 19 | 90 | 69.33 | 5870 | 2.2 | | | |
| 22 | 80 | 61.18 | 5920 | 2.5 | | | |
| 24 | 73 | 55.76 | 5940 | 2.8 | | | |
| 27 | 63 | 48.08 | 5960 | 3.2 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | | |
| 11 | 161 | 123.91 | 4070 | 0.80 | | | |
| 13 | 137 | 105.49 | 4200 | 0.95 | | | |
| 15 | 118 | 90.96 | 4280 | 1.10 | | | |
| 16 | 110 | 84.78 | 4320 | 1.20 | | | |
| 18 | 97 | 74.11 | 4370 | 1.35 | | | |
| 19 | 91 | 69.47 | 4380 | 1.45 | | | |
| 22 | 80 | 61.30 | 4320 | 1.65 | R | 27 | D63M4 |
| 24 | 73 | 55.87 | 4210 | 1.80 | RF | 27 | D63M4 |
| 27 | 63 | 48.17 | 4040 | 2.1 | | | |
| 29 | 59 | 44.90 | 3960 | 2.2 | | | |
| 34 | 51 | 39.25 | 3810 | 2.5 | | | |
| 36 | 48 | 36.79 | 3740 | 2.7 | | | |
| 41 | 42 | 32.47 | 3610 | 3.1 | | | |
| 46 | 38 | 28.78 | 3480 | 3.5 | | | |
| 54 | 32 | 24.47 | 3310 | 4.1 | | | |
| 47 | 37 | 28.37 | 3470 | 3.5 | | | |
| 51 | 34 | 26.09 | 3380 | 3.8 | | | |
| 59 | 29 | 22.32 | 3220 | 4.5 | R | 27 | D63M4 |
| 68 | 25 | 19.35 | 3090 | 5.2 | RF | 27 | D63M4 |
| 73 | 24 | 18.08 | 3020 | 5.5 | | | |
| 84 | 20 | 15.63 | 2890 | 6.4 | | | |
| 99 | 17 | 13.28 | 2750 | 7.5 | | | |
| 16 | 106 | 81.64 | 46 | 0.80 | | | |
| 19 | 92 | 70.39 | 1330 | 0.95 | | | |
| 20 | 85 | 65.61 | 1740 | 1.00 | | | |
| 23 | 75 | 57.35 | 2350 | 1.15 | | | |
| 25 | 70 | 53.76 | 2500 | 1.20 | | | |
| 28 | 62 | 47.44 | 2450 | 1.40 | R | 17 | D63M4 |
| 30 | 58 | 44.18 | 2410 | 1.50 | RF | 17 | D63M4 |
| 34 | 50 | 38.61 | 2340 | 1.70 | | | |
| 36 | 47 | 36.20 | 2300 | 1.80 | | | |
| 41 | 42 | 31.94 | 2240 | 2.0 | | | |
| 47 | 37 | 28.32 | 2170 | 2.3 | | | |
| 55 | 31 | 24.07 | 2080 | 2.7 | | | |
| 34 | 50 | 25.23 | 2330 | 1.70 | R | 17 | D63L6 |
| 38 | 46 | 23.15 | 2290 | 1.85 | RF | 17 | D63L6 |
| 44 | 39 | 19.71 | 2200 | 2.2 | | | |
| 52 | 33 | 25.23 | 2110 | 2.6 | | | |
| 57 | 30 | 23.15 | 2060 | 2.8 | | | |
| 67 | 26 | 19.71 | 1970 | 3.3 | | | |
| 78 | 22 | 16.99 | 1890 | 3.8 | | | |
| 83 | 21 | 15.84 | 1860 | 4.1 | | | |
| 95 | 18 | 13.84 | 1790 | 4.7 | | | |
| 102 | 17 | 12.98 | 1760 | 5.0 | | | |
| 115 | 15 | 11.45 | 1690 | 5.4 | R | 17 | D63M4 |
| 130 | 13 | 10.15 | 1640 | 5.8 | RF | 17 | D63M4 |
| 153 | 11 | 8.63 | 1560 | 6.4 | | | |
| 175 | 9.8 | 7.55 | 1480 | 5.7 | | | |
| 188 | 9.2 | 7.04 | 1450 | 6.0 | | | |
| 215 | 8.0 | 6.15 | 1390 | 6.8 | | | |
| 229 | 7.5 | 5.76 | 1370 | 7.1 | | | |
| 259 | 6.6 | 5.09 | 1320 | 7.7 | | | |
| 293 | 5.9 | 4.51 | 1270 | 8.1 | | | |
| 344 | 5.0 | 3.83 | 1210 | 9.0 | | | |
| 268 | 6.4 | 10.15 | 1310 | 12 | | | |
| 315 | 5.5 | 8.63 | 1250 | 13 | | | |
| 360 | 4.8 | 7.55 | 1190 | 12 | | | |
| 387 | 4.4 | 7.04 | 1160 | 13 | R | 17 | D63S2 |
| 442 | 3.9 | 6.15 | 1120 | 14 | RF | 17 | D63S2 |
| 472 | 3.6 | 5.76 | 1090 | 15 | | | |
| 535 | 3.2 | 5.09 | 1050 | 16 | | | |
| 603 | 2.8 | 4.51 | 1010 | 17 | | | |
| 710 | 2.4 | 3.83 | 960 | 19 | | | |
| 143 | 12 | 6.07 | 4940 | 3.6 | | | |
| 168 | 10 | 5.18 | 4690 | 7.3 | RX | 67 | D63L6 |
| 192 | 8.9 | 4.53 | 4490 | 9.2 | RXF | 67 | D63L6 |
| 202 | 8.5 | 4.30 | 4410 | 9.4 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | | |
| 218 | 7.9 | 6.07 | 4310 | 5.4 | | | |
| 255 | 6.7 | 5.18 | 4090 | 11 | | | |
| 292 | 5.9 | 4.53 | 3920 | 14 | | | |
| 307 | 5.6 | 4.30 | 3850 | 14 | | | |
| 350 | 4.9 | 3.77 | 3690 | 18 | RX | 67 | D63M4 |
| 413 | 4.2 | 3.20 | 3500 | 24 | RXF | 67 | D63M4 |
| 457 | 3.8 | 2.89 | 3380 | 28 | | | |
| 519 | 3.3 | 2.54 | 3240 | 36 | | | |
| 550 | 3.1 | 2.40 | 3180 | 40 | | | |
| 646 | 2.7 | 2.04 | 3020 | 50 | | | |
| 158 | 11 | 5.50 | 3880 | 3.6 | | | |
| 172 | 10 | 5.07 | 3780 | 3.6 | RX | 57 | D63L6 |
| 200 | 8.6 | 4.35 | 3600 | 7.9 | RXF | 57 | D63L6 |
| 230 | 7.5 | 3.79 | 3440 | 9.2 | | | |
| 240 | 7.2 | 5.50 | 3400 | 5.4 | | | |
| 261 | 6.6 | 5.07 | 3310 | 5.4 | | | |
| 303 | 5.7 | 4.35 | 3150 | 12 | | | |
| 348 | 4.9 | 3.79 | 3010 | 14 | | | |
| 372 | 4.6 | 3.55 | 2950 | 15 | | | |
| 421 | 4.1 | 3.14 | 2830 | 16 | RX | 57 | D63M4 |
| 453 | 3.8 | 2.91 | 2760 | 18 | RXF | 57 | D63M4 |
| 500 | 3.4 | 2.64 | 2670 | 20 | | | |
| 557 | 3.1 | 2.37 | 2580 | 22 | | | |
| 647 | 2.7 | 2.04 | 2460 | 26 | | | |
| 688 | 2.5 | 1.92 | 2410 | 28 | | | |
| 799 | 2.2 | 1.65 | 2290 | 31 | | | |
| **0.25kW** | | | | | | | |
| 0.13 | 15000 | 9743 | 50700 | 0.85 | | | |
| 0.15 | 12700 | 8443 | 63200 | 1.00 | | | |
| 0.18 | 11000 | 7307 | 66300 | 1.20 | | | |
| 0.20 | 9700 | 6447 | 68200 | 1.35 | | | |
| 0.23 | 8380 | 5568 | 69900 | 1.55 | R | 147 | R77 D63L4 |
| 0.26 | 7520 | 4926 | 70800 | 1.75 | RF | 147 | R77 D63L4 |
| 0.30 | 6540 | 4325 | 71800 | 2.0 | | | |
| 0.35 | 5730 | 3754 | 72400 | 2.3 | | | |
| 0.39 | 4990 | 3302 | 73000 | 2.6 | | | |
| 0.45 | 4360 | 2898 | 73300 | 3.0 | | | |
| 0.22 | 8680 | 5834 | 51000 | 0.90 | | | |
| 0.25 | 7860 | 5116 | 53700 | 1.00 | R | 137 | R77 D63L4 |
| 0.29 | 6720 | 4464 | 55900 | 1.20 | RF | 137 | R77 D63L4 |
| 0.33 | 5910 | 3928 | 57200 | 1.35 | | | |
| 0.28 | 7600 | 4709 | 54200 | 1.05 | | | |
| 0.32 | 6440 | 4018 | 56300 | 1.25 | R | 137 | R77 D63L4 |
| 0.37 | 5590 | 3514 | 57600 | 1.45 | RF | 137 | R77 D63L4 |
| 0.39 | 5290 | 3338 | 58000 | 1.50 | | | |
| 0.44 | 4610 | 2929 | 58900 | 1.75 | | | |
| 0.49 | 4090 | 2658 | 59400 | 1.95 | | | |
| 0.54 | 3710 | 2412 | 59800 | 2.2 | | | |
| 0.63 | 3190 | 2073 | 60200 | 2.5 | R | 137 | R77 D63L4 |
| 0.71 | 2760 | 1839 | 60500 | 2.9 | RF | 137 | R77 D63L4 |
| 0.93 | 2130 | 1397 | 60900 | 3.8 | | | |
| 1.1 | 1850 | 1226 | 61000 | 4.3 | | | |
| 0.43 | 4670 | 3039 | 27300 | 0.90 | R | 107 | R77 D63L4 |
| | | | | | RF | 107 | R77 D63L4 |
| 0.43 | 4860 | 3034 | 20600 | 0.90 | R | 107 | R77 D63L4 |
| | | | | | RF | 107 | R77 D63L4 |
| 0.65 | 3030 | 1987 | 34800 | 1.40 | | | |
| 0.71 | 2740 | 1827 | 35700 | 1.55 | | | |
| 0.81 | 2370 | 1599 | 36300 | 1.80 | R | 107 | R77 D63L4 |
| 0.93 | 2100 | 1400 | 36700 | 2.0 | RF | 107 | R77 D63L4 |
| 1.1 | 1810 | 1226 | 37000 | 2.4 | | | |
| 1.4 | 1410 | 939 | 37300 | 3.0 | | | |
| 1.6 | 1220 | 822 | 37400 | 3.5 | | | |
| 0.64 | 3160 | 2016 | 12400 | 0.95 | R | 97 | R57 D63L4 |
| 0.75 | 2780 | 1733 | 22500 | 1.10 | RF | 97 | R57 D63L4 |
| 0.80 | 2590 | 1623 | 23600 | 1.15 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 0.71 | 2870 | 1823 | 21800 | 1.05 | | | |
| 0.82 | 2490 | 1583 | 24100 | 1.20 | | | |
| 0.93 | 2160 | 1396 | 25700 | 1.40 | | | |
| 1.1 | 1880 | 1228 | 26800 | 1.60 | R | 97 | R57 D63L4 |
| 1.2 | 1700 | 1069 | 27400 | 1.75 | RF | 97 | R57 D63L4 |
| 1.4 | 1480 | 938 | 27700 | 2.0 | | | |
| 1.6 | 1260 | 824 | 27900 | 2.4 | | | |
| 1.8 | 1130 | 737 | 28100 | 2.7 | | | |
| 2.1 | 970 | 632 | 28300 | 3.1 | | | |
| 1.1 | 1810 | 1145 | 13800 | 0.85 | | | |
| 1.2 | 1630 | 1037 | 16300 | 0.95 | R | 87 | R57 D63L4 |
| 1.4 | 1460 | 931 | 17500 | 1.05 | RF | 87 | R57 D63L4 |
| 1.6 | 1250 | 802 | 18700 | 1.25 | | | |
| 1.1 | 1750 | 1143 | 15400 | 0.90 | | | |
| 1.5 | 1380 | 885 | 18000 | 1.10 | | | |
| 1.7 | 1210 | 776 | 18900 | 1.30 | R | 87 | R57 D63L4 |
| 1.9 | 1070 | 685 | 19600 | 1.45 | RF | 87 | R57 D63L4 |
| 2.2 | 900 | 599 | 20000 | 1.70 | | | |
| 2.5 | 795 | 525 | 20000 | 1.95 | | | |
| 2.8 | 695 | 456 | 20000 | 2.2 | | | |
| 4.9 | 405 | 268 | 20000 | 3.8 | | | |
| 2.3 | 900 | 571 | 9110 | 0.90 | R | 77 | R37 D63L4 |
| | | | | | RF | 77 | R37 D63L4 |
| 2.3 | 900 | 560 | 9110 | 0.90 | | | |
| 2.7 | 775 | 488 | 10300 | 1.05 | | | |
| 3.0 | 690 | 436 | 11000 | 1.20 | R | 77 | R37 D63L4 |
| 3.5 | 590 | 373 | 11600 | 1.40 | RF | 77 | R37 D63L4 |
| 4.0 | 520 | 327 | 12000 | 1.60 | | | |
| 4.5 | 460 | 289 | 12300 | 1.80 | | | |
| 5.0 | 410 | 260 | 12400 | 2.0 | | | |
| 5.8 | 345 | 224 | 12700 | 2.4 | | | |
| 3.3 | 605 | 388 | 7490 | 1.00 | | | |
| 3.8 | 550 | 344 | 8120 | 1.10 | | | |
| 4.4 | 455 | 294 | 8950 | 1.30 | R | 67 | R37 D63L4 |
| 5.0 | 410 | 261 | 9260 | 1.45 | RF | 67 | R37 D63L4 |
| 5.6 | 370 | 234 | 9520 | 1.60 | | | |
| 6.5 | 315 | 200 | 9820 | 1.90 | | | |
| 7.4 | 270 | 176 | 10000 | 2.2 | | | |
| 8.2 | 245 | 158 | 10100 | 2.5 | | | |
| 3.4 | 630 | 384 | 7220 | 0.95 | | | |
| 3.6 | 585 | 359 | 7730 | 1.05 | | | |
| 4.2 | 505 | 310 | 8560 | 1.20 | R | 67 | R37 D63L4 |
| 4.9 | 425 | 264 | 9180 | 1.40 | RF | 67 | R37 D63L4 |
| 5.5 | 375 | 235 | 9480 | 1.60 | | | |
| 6.5 | 320 | 201 | 9790 | 1.90 | | | |
| 7.2 | 290 | 181 | 9940 | 2.1 | | | |
| 4.1 | 505 | 319 | 6590 | 0.90 | | | |
| 4.8 | 425 | 273 | 7200 | 1.05 | | | |
| 5.4 | 375 | 241 | 7410 | 1.20 | R | 57 | R37 D63L4 |
| 6.1 | 335 | 215 | 7540 | 1.35 | RF | 57 | R37 D63L4 |
| 6.9 | 295 | 187 | 7650 | 1.55 | | | |
| 7.9 | 255 | 164 | 7740 | 1.75 | | | |
| 9.2 | 220 | 142 | 7810 | 2.0 | | | |
| 4.0 | 530 | 324 | 5580 | 0.85 | | | |
| 4.5 | 470 | 290 | 7010 | 0.95 | R | 57 | R37 D63L4 |
| 5.0 | 425 | 262 | 7210 | 1.05 | RF | 57 | R37 D63L4 |
| 5.3 | 395 | 246 | 7320 | 1.15 | | | |
| 5.9 | 355 | 220 | 7470 | 1.30 | | | |
| 5.7 | 365 | 228 | 3070 | 0.80 | | | |
| 6.7 | 310 | 195 | 5370 | 0.95 | R | 47 | R37 D63L4 |
| 7.1 | 290 | 182 | 5480 | 1.05 | RF | 47 | R37 D63L4 |
| 8.5 | 240 | 154 | 5700 | 1.25 | | | |
| 8.7 | 240 | 150 | 3420 | 0.85 | | | |
| 10 | 205 | 130 | 4870 | 0.95 | R | 37 | R17 D63L4 |
| 10 | 196 | 124 | 5000 | 1.00 | RF | 37 | R17 D63L4 |
| 12 | 174 | 110 | 5250 | 1.15 | | | |
| 14 | 148 | 94 | 5490 | 1.35 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 8.4 | 250 | 156 | 2350 | 0.80 | | | |
| 9.7 | 215 | 135 | 4740 | 0.95 | R | 37 R17 | D63L4 |
| 10 | 210 | 127 | 4840 | 0.95 | RF | 37 R17 | D63L4 |
| 13 | 169 | 104 | 5290 | 1.20 | | | |
| 14 | 146 | 90 | 5500 | 1.35 | | | |
| 2.3 | 1020 | 289.74 | 28200 | 3.0 | | | |
| 2.7 | 900 | 255.71 | 28300 | 3.3 | R | 97 | D80N8 |
| 2.8 | 850 | 241.25 | 28400 | 3.5 | RF | 97 | D80N8 |
| 3.1 | 760 | 216.28 | 28400 | 4.0 | | | |
| 2.8 | 870 | 246.54 | 20000 | 1.80 | | | |
| 3.1 | 760 | 216.54 | 20000 | 2.0 | R | 87 | D80N8 |
| 3.3 | 720 | 205.71 | 20000 | 2.2 | RF | 87 | D80N8 |
| 3.7 | 640 | 181.77 | 20000 | 2.4 | | | |
| 4.1 | 585 | 166.59 | 11600 | 1.40 | | | |
| 4.7 | 510 | 145.67 | 12000 | 1.60 | R | 77 | D80N8 |
| 4.9 | 485 | 138.39 | 12100 | 1.70 | RF | 77 | D80N8 |
| 5.6 | 425 | 121.42 | 12400 | 1.90 | | | |
| 4.5 | 530 | 195.24 | 11900 | 1.55 | R | 77 | D71D6 |
| 5.3 | 450 | 166.59 | 12300 | 1.80 | RF | 77 | D71D6 |
| 6.0 | 395 | 145.67 | 12500 | 2.1 | | | |
| 6.7 | 360 | 195.24 | 12600 | 2.3 | | | |
| 7.8 | 305 | 166.59 | 12800 | 2.7 | R | 77 | D63L4 |
| 8.9 | 270 | 145.67 | 12900 | 3.1 | RF | 77 | D63L4 |
| 9.4 | 255 | 138.39 | 12900 | 3.2 | | | |
| 11 | 225 | 121.42 | 13000 | 3.7 | | | |
| 4.3 | 555 | 158.14 | 8060 | 1.10 | | | |
| 4.9 | 485 | 137.67 | 8730 | 1.25 | R | 67 | D80N8 |
| 5.3 | 455 | 128.97 | 8970 | 1.35 | RF | 67 | D80N8 |
| 6.0 | 400 | 113.94 | 9340 | 1.50 | | | |
| 4.4 | 540 | 199.81 | 8190 | 1.10 | | | |
| 4.8 | 500 | 184.07 | 8590 | 1.20 | | | |
| 5.6 | 430 | 158.14 | 9140 | 1.40 | R | 67 | D71D6 |
| 6.4 | 375 | 137.67 | 9500 | 1.60 | RF | 67 | D71D6 |
| 6.8 | 350 | 128.97 | 9630 | 1.70 | | | |
| 7.7 | 310 | 113.94 | 9840 | 1.95 | | | |
| 8.3 | 285 | 105.83 | 9940 | 2.1 | | | |
| 6.5 | 365 | 199.81 | 9540 | 1.65 | | | |
| 7.1 | 340 | 184.07 | 9700 | 1.80 | | | |
| 8.2 | 290 | 158.14 | 9930 | 2.1 | | | |
| 9.4 | 255 | 137.67 | 10100 | 2.4 | R | 67 | D63L4 |
| 10 | 235 | 128.94 | 10100 | 2.5 | RF | 67 | D63L4 |
| 11 | 210 | 113.94 | 10200 | 2.9 | | | |
| 12 | 194 | 105.83 | 10300 | 3.1 | | | |
| 14 | 176 | 95.91 | 10300 | 3.4 | | | |
| 15 | 158 | 86.11 | 10400 | 3.8 | | | |
| 4.7 | 505 | 186.89 | 6450 | 0.90 | | | |
| 5.1 | 465 | 172.17 | 7030 | 0.95 | | | |
| 5.9 | 400 | 147.92 | 7300 | 1.10 | R | 57 | D71D6 |
| 6.8 | 350 | 128.77 | 7480 | 1.30 | RF | 57 | D71D6 |
| 7.3 | 325 | 120.63 | 7550 | 1.35 | | | |
| 8.3 | 290 | 106.58 | 7660 | 1.55 | | | |
| 8.9 | 270 | 98.99 | 7710 | 1.70 | | | |
| 7.0 | 345 | 186.89 | 7500 | 1.30 | | | |
| 7.6 | 315 | 172.17 | 7590 | 1.40 | | | |
| 8.8 | 270 | 147.92 | 7700 | 1.65 | | | |
| 10 | 235 | 128.77 | 7780 | 1.90 | | | |
| 11 | 220 | 120.63 | 7810 | 2.0 | R | 57 | D63L4 |
| 12 | 196 | 106.58 | 7860 | 2.3 | RF | 57 | D63L4 |
| 13 | 182 | 98.99 | 7880 | 2.5 | | | |
| 14 | 165 | 89.71 | 7910 | 2.7 | | | |
| 16 | 148 | 80.55 | 7930 | 3.0 | | | |
| 19 | 127 | 69.23 | 7960 | 3.5 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 7.3 | 325 | 176.88 | 5280 | 0.90 | | | |
| 8.0 | 300 | 162.94 | 5420 | 1.00 | | | |
| 9.3 | 255 | 139.99 | 5630 | 1.15 | | | |
| 11 | 225 | 121.87 | 5770 | 1.35 | | | |
| 11 | 210 | 114.17 | 5820 | 1.45 | | | |
| 13 | 185 | 100.86 | 5900 | 1.60 | | | |
| 14 | 172 | 93.68 | 5940 | 1.75 | R | 47 | D63L4 |
| 15 | 156 | 84.90 | 5980 | 1.90 | RF | 47 | D63L4 |
| 17 | 140 | 76.23 | 6020 | 2.1 | | | |
| 19 | 126 | 68.54 | 6050 | 2.4 | | | |
| 20 | 118 | 64.21 | 6070 | 2.5 | | | |
| 23 | 104 | 56.73 | 6090 | 2.9 | | | |
| 25 | 97 | 52.69 | 6100 | 3.1 | | | |
| 27 | 88 | 47.75 | 6080 | 3.4 | | | |
| 9.6 | 250 | 134.82 | 2630 | 0.80 | | | |
| 11 | 225 | 123.66 | 4560 | 0.90 | | | |
| 12 | 193 | 105.28 | 5030 | 1.05 | | | |
| 14 | 167 | 90.77 | 5320 | 1.20 | | | |
| 15 | 155 | 84.61 | 5420 | 1.30 | | | |
| 18 | 136 | 73.96 | 5590 | 1.45 | | | |
| 19 | 127 | 69.33 | 5650 | 1.55 | R | 37 | D63L4 |
| 21 | 112 | 61.18 | 5750 | 1.80 | RF | 37 | D63L4 |
| 23 | 102 | 55.76 | 5800 | 1.95 | | | |
| 27 | 88 | 48.08 | 5870 | 2.3 | | | |
| 29 | 82 | 44.81 | 5760 | 2.4 | | | |
| 33 | 72 | 39.17 | 5540 | 2.8 | | | |
| 35 | 67 | 36.72 | 5430 | 3.0 | | | |
| 40 | 60 | 32.40 | 5230 | 3.4 | | | |
| 15 | 156 | 84.78 | 4100 | 0.85 | | | |
| 18 | 136 | 74.11 | 4210 | 0.95 | | | |
| 19 | 128 | 69.47 | 4250 | 1.00 | | | |
| 21 | 113 | 61.30 | 4190 | 1.15 | | | |
| 23 | 103 | 55.87 | 4090 | 1.25 | | | |
| 27 | 89 | 48.17 | 3940 | 1.45 | R | 27 | D63L4 |
| 29 | 83 | 44.90 | 3870 | 1.60 | RF | 27 | D63L4 |
| 33 | 72 | 39.25 | 3730 | 1.80 | | | |
| 35 | 68 | 36.79 | 3670 | 1.90 | | | |
| 40 | 60 | 32.47 | 3540 | 2.2 | | | |
| 45 | 53 | 28.78 | 3420 | 2.5 | | | |
| 53 | 45 | 24.47 | 3270 | 2.9 | | | |
| 46 | 52 | 28.37 | 3410 | 2.5 | | | |
| 50 | 48 | 26.09 | 3330 | 2.7 | | | |
| 58 | 41 | 22.32 | 3180 | 3.2 | | | |
| 67 | 36 | 19.35 | 3050 | 3.7 | | | |
| 72 | 33 | 18.08 | 2990 | 3.9 | | | |
| 83 | 29 | 15.63 | 2860 | 4.5 | | | |
| 98 | 24 | 13.28 | 2730 | 5.3 | | | |
| 110 | 22 | 11.86 | 2630 | 5.9 | | | |
| 128 | 19 | 10.13 | 2510 | 6.6 | R | 27 | D63L4 |
| 138 | 17 | 9.41 | 2440 | 7.1 | RF | 27 | D63L4 |
| 159 | 15 | 8.16 | 2330 | 7.7 | | | |
| 170 | 14 | 7.63 | 2290 | 8.0 | | | |
| 197 | 12 | 6.59 | 2180 | 8.8 | | | |
| 232 | 10 | 5.60 | 2080 | 9.6 | | | |
| 260 | 9.2 | 5.00 | 2000 | 10 | | | |
| 304 | 7.8 | 4.27 | 1910 | 11 | | | |
| 325 | 7.3 | 4.00 | 1870 | 12 | | | |
| 386 | 6.2 | 3.37 | 1770 | 13 | | | |
| 23 | 105 | 57.35 | 156 | 0.80 | | | |
| 24 | 99 | 53.76 | 785 | 0.85 | | | |
| 27 | 87 | 47.44 | 1630 | 1.00 | | | |
| 29 | 81 | 44.18 | 2000 | 1.05 | R | 17 | D63L4 |
| 34 | 71 | 38.61 | 2200 | 1.20 | RF | 17 | D63L4 |
| 36 | 67 | 36.20 | 2180 | 1.30 | | | |
| 41 | 59 | 31.94 | 2130 | 1.45 | | | |
| 46 | 52 | 28.32 | 2070 | 1.65 | | | |
| 54 | 44 | 24.07 | 2000 | 1.90 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 52 | 46 | 25.23 | 2020 | 1.85 | | | |
| 56 | 43 | 23.15 | 1980 | 2.0 | | | |
| 66 | 36 | 19.71 | 1910 | 2.3 | | | |
| 77 | 31 | 16.99 | 1840 | 2.7 | | | |
| 82 | 29 | 15.84 | 1810 | 2.9 | | | |
| 94 | 25 | 13.84 | 1750 | 3.3 | | | |
| 100 | 24 | 12.98 | 1720 | 3.6 | | | |
| 114 | 21 | 11.45 | 1660 | 3.9 | R | 17 | D63L4 |
| 128 | 19 | 10.15 | 1600 | 4.1 | RF | 17 | D63L4 |
| 151 | 16 | 8.63 | 1530 | 4.6 | | | |
| 172 | 14 | 7.55 | 1450 | 4.0 | | | |
| 185 | 13 | 7.04 | 1420 | 4.3 | | | |
| 211 | 11 | 6.15 | 1370 | 4.8 | | | |
| 226 | 11 | 5.76 | 1350 | 5.0 | | | |
| 256 | 9.3 | 5.09 | 1300 | 5.5 | | | |
| 288 | 8.3 | 4.51 | 1250 | 5.8 | | | |
| 339 | 7.0 | 3.83 | 1190 | 6.4 | | | |
| 433 | 5.5 | 6.15 | 1110 | 9.8 | | | |
| 461 | 5.2 | 5.76 | 1090 | 10 | R | 17 | Y63M2 |
| 523 | 4.6 | 5.09 | 1050 | 11 | RF | 17 | D63M2 |
| 590 | 4.0 | 4.51 | 1010 | 12 | | | |
| 694 | 3.4 | 3.83 | 960 | 13 | | | |
| 145 | 17 | 6.07 | 4890 | 2.6 | | | |
| 170 | 14 | 5.18 | 4650 | 5.4 | RX | 67 | D71D6 |
| 194 | 12 | 4.53 | 4450 | 6.7 | RXF | 67 | D71D6 |
| 205 | 12 | 4.30 | 4380 | 6.8 | | | |
| 214 | 11 | 6.07 | 4310 | 3.9 | | | |
| 251 | 9.5 | 5.18 | 4100 | 7.9 | | | |
| 287 | 8.3 | 4.53 | 3920 | 9.9 | | | |
| 302 | 7.9 | 4.30 | 3860 | 10 | | | |
| 345 | 6.9 | 3.77 | 3700 | 13 | RX | 67 | D63L4 |
| 406 | 5.9 | 3.20 | 3500 | 17 | RXF | 67 | D63L4 |
| 450 | 5.3 | 2.89 | 3390 | 20 | | | |
| 511 | 4.7 | 2.54 | 3250 | 25 | | | |
| 542 | 4.4 | 2.40 | 3190 | 28 | | | |
| 636 | 3.8 | 2.04 | 3020 | 35 | | | |
| 160 | 15 | 5.50 | 3840 | 2.6 | | | |
| 174 | 14 | 5.07 | 3740 | 2.6 | RX | 57 | D71D6 |
| 202 | 12 | 4.35 | 3560 | 5.8 | RXF | 57 | D71D6 |
| 232 | 10 | 3.79 | 3410 | 6.7 | | | |
| 236 | 10 | 5.50 | 3390 | 3.9 | | | |
| 257 | 9.3 | 5.07 | 3300 | 3.9 | | | |
| 299 | 8.0 | 4.35 | 3150 | 8.5 | | | |
| 343 | 7.0 | 3.79 | 3010 | 9.9 | | | |
| 366 | 6.5 | 3.55 | 2950 | 11 | | | |
| 414 | 5.8 | 3.14 | 2830 | 11 | RX | 57 | D63L4 |
| 446 | 5.3 | 2.91 | 2760 | 13 | RXF | 57 | D63L4 |
| 492 | 4.8 | 2.64 | 2680 | 14 | | | |
| 548 | 4.4 | 2.37 | 2580 | 16 | | | |
| 637 | 3.7 | 2.04 | 2460 | 19 | | | |
| 677 | 3.5 | 1.92 | 2410 | 20 | | | |
| 787 | 3.0 | 1.65 | 2300 | 23 | | | |
| **0.37kW** | | | | | | | |
| 0.19 | 15800 | 7307 | 39000 | 0.80 | | | |
| 0.21 | 14000 | 6447 | 60600 | 0.95 | | | |
| 0.25 | 12100 | 5568 | 64400 | 1.10 | | | |
| 0.28 | 10800 | 4926 | 66600 | 1.20 | R | 147 R77 | D71D4 |
| 0.32 | 9400 | 4325 | 68600 | 1.40 | RF | 147 R77 | D71D4 |
| 0.37 | 8210 | 3754 | 70100 | 1.60 | | | |
| 0.42 | 7180 | 3302 | 71200 | 1.80 | | | |
| 0.48 | 6280 | 2898 | 72000 | 2.1 | | | |
| 0.31 | 9670 | 4464 | 40700 | 0.85 | R | 137 R77 | D71D4 |
| 0.35 | 8510 | 3928 | 51800 | 0.95 | RF | 137 R77 | D71D4 |
| 0.34 | 9140 | 4018 | 48900 | 0.90 | | | |
| 0.39 | 7950 | 3514 | 53500 | 1.00 | | | |
| 0.41 | 7540 | 3338 | 54300 | 1.05 | R | 137 R77 | D71D4 |
| 0.47 | 6580 | 2929 | 56100 | 1.20 | RF | 137 R77 | D71D4 |
| 0.56 | 5540 | 2484 | 57700 | 1.45 | | | |
| 0.62 | 4980 | 2242 | 58400 | 1.60 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 0.52 | 5880 | 2658 | 57200 | 1.35 | | | |
| 0.57 | 5330 | 2412 | 58000 | 1.50 | | | |
| 0.67 | 4580 | 2073 | 58900 | 1.75 | | | |
| 0.75 | 3990 | 1839 | 59500 | 2.0 | R | 137 R77 | D71D4 |
| 0.99 | 3070 | 1397 | 60300 | 2.6 | RF | 137 R77 | D71D4 |
| 1.1 | 2670 | 1226 | 60600 | 3.0 | | | |
| 1.3 | 2400 | 1090 | 60700 | 3.3 | | | |
| 1.5 | 2090 | 951 | 60900 | 3.8 | | | |
| 0.67 | 4610 | 2067 | 27700 | 0.95 | | | |
| 0.82 | 3760 | 1693 | 32100 | 1.15 | | | |
| 0.89 | 3410 | 1550 | 33500 | 1.25 | R | 107 R77 | D71D4 |
| 0.98 | 3090 | 1407 | 34600 | 1.40 | RF | 107 R77 | D71D4 |
| 1.1 | 2660 | 1209 | 35900 | 1.60 | | | |
| 1.3 | 2320 | 1055 | 36400 | 1.85 | | | |
| 0.69 | 4370 | 1987 | 29100 | 1.00 | | | |
| 0.76 | 3970 | 1827 | 31100 | 1.10 | | | |
| 0.86 | 3440 | 1599 | 33400 | 1.25 | R | 107 R77 | D71D4 |
| 0.99 | 3040 | 1400 | 34800 | 1.40 | RF | 107 R77 | D71D4 |
| 1.1 | 2640 | 1226 | 36000 | 1.65 | | | |
| 1.5 | 2040 | 939 | 36700 | 2.1 | | | |
| 1.7 | 1770 | 822 | 37000 | 2.4 | | | |
| 0.96 | 3240 | 1434 | 4430 | 0.95 | R | 97 R57 | D71D4 |
| 1.1 | 2710 | 1207 | 22900 | 1.10 | RF | 97 R57 | D71D4 |
| 1.3 | 2430 | 1084 | 24500 | 1.25 | | | |
| 0.99 | 3100 | 1396 | 15400 | 0.95 | | | |
| 1.1 | 2710 | 1228 | 22900 | 1.10 | | | |
| 1.3 | 2410 | 1069 | 24500 | 1.25 | | | |
| 1.5 | 2110 | 938 | 25900 | 1.40 | | | |
| 1.7 | 1820 | 824 | 27100 | 1.65 | R | 97 R57 | D71D4 |
| 1.9 | 1630 | 737 | 27500 | 1.85 | RF | 97 R57 | D71D4 |
| 2.2 | 1390 | 632 | 27800 | 2.2 | | | |
| 3.2 | 960 | 431 | 28300 | 3.1 | | | |
| 3.6 | 840 | 379 | 28400 | 3.6 | | | |
| 4.1 | 745 | 336 | 28400 | 4.0 | | | |
| 1.7 | 1780 | 802 | 15100 | 0.85 | R | 87 R57 | D71D4 |
| 1.8 | 1670 | 754 | 16000 | 0.95 | RF | 87 R57 | D71D4 |
| 2.1 | 1430 | 649 | 17700 | 1.10 | | | |
| 1.8 | 1730 | 776 | 15500 | 0.90 | | | |
| 2.0 | 1530 | 685 | 17100 | 1.00 | | | |
| 2.3 | 1310 | 599 | 18400 | 1.20 | R | 87 R57 | D71D4 |
| 2.6 | 1150 | 525 | 19200 | 1.35 | RF | 87 R57 | D71D4 |
| 3.0 | 1000 | 456 | 19800 | 1.55 | | | |
| 5.2 | 585 | 268 | 20000 | 2.7 | | | |
| 5.8 | 515 | 236 | 20000 | 3.0 | | | |
| 2.6 | 1230 | 538 | 18800 | 1.25 | | | |
| 2.9 | 1080 | 472 | 19500 | 1.45 | R | 87 R57 | D71D4 |
| 3.5 | 910 | 400 | 20000 | 1.70 | RF | 87 R57 | D71D4 |
| 3.8 | 810 | 361 | 20000 | 1.90 | | | |
| 3.2 | 980 | 436 | 5390 | 0.85 | | | |
| 3.7 | 840 | 373 | 9720 | 0.95 | | | |
| 4.2 | 740 | 327 | 10600 | 1.10 | | | |
| 4.8 | 655 | 289 | 11200 | 1.25 | R | 77 R37 | D71D4 |
| 5.3 | 585 | 260 | 11600 | 1.40 | RF | 77 R37 | D71D4 |
| 6.2 | 500 | 224 | 12100 | 1.65 | | | |
| 7.0 | 435 | 197 | 12400 | 1.90 | | | |
| 8.1 | 380 | 169 | 12600 | 2.2 | | | |
| 9.3 | 335 | 149 | 12700 | 2.5 | | | |
| 4.7 | 650 | 294 | 6230 | 0.90 | | | |
| 5.3 | 585 | 261 | 7710 | 1.00 | R | 67 R37 | D71D4 |
| 5.9 | 525 | 234 | 8340 | 1.15 | RF | 67 R37 | D71D4 |
| 6.9 | 450 | 200 | 9010 | 1.35 | | | |
| 2.7 | 1330 | 255.71 | 27900 | 2.3 | | | |
| 2.8 | 1250 | 241.25 | 28000 | 2.4 | R | 97 | D90S8 |
| 3.1 | 1120 | 216.28 | 28100 | 2.7 | RF | 97 | D90S8 |
| 3.7 | 970 | 186.30 | 28300 | 3.1 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 3.1 | 1140 | 289.74 | 28100 | 2.6 | | | |
| 3.5 | 1000 | 255.71 | 28200 | 3.0 | R | 97 | D80K6 |
| 3.7 | 950 | 241.25 | 28300 | 3.2 | RF | 97 | D80K6 |
| 4.2 | 850 | 216.28 | 28400 | 3.5 | | | |
| 3.1 | 1130 | 216.54 | 19300 | 1.40 | | | |
| 3.3 | 1070 | 205.71 | 19600 | 1.45 | R | 87 | D90S8 |
| 3.7 | 940 | 181.77 | 20000 | 1.65 | RF | 87 | D90S8 |
| 3.7 | 970 | 246.54 | 20000 | 1.60 | | | |
| 4.2 | 850 | 216.54 | 20000 | 1.80 | | | |
| 4.4 | 810 | 205.71 | 20000 | 1.90 | R | 87 | D80K6 |
| 4.9 | 715 | 181.77 | 20000 | 2.2 | RF | 87 | D80K6 |
| 5.8 | 610 | 155.34 | 20000 | 2.5 | | | |
| 6.3 | 560 | 142.41 | 20000 | 2.8 | | | |
| 4.7 | 755 | 145.67 | 10500 | 1.10 | | | |
| 4.9 | 720 | 138.39 | 10800 | 1.15 | R | 77 | D90S8 |
| 5.6 | 630 | 121.42 | 11400 | 1.30 | RF | 77 | D90S8 |
| 5.4 | 655 | 166.59 | 11200 | 1.25 | R | 77 | D80K6 |
| 6.2 | 570 | 145.67 | 11700 | 1.45 | RF | 77 | D80K6 |
| 6.5 | 545 | 138.39 | 11900 | 1.50 | | | |
| 7.1 | 500 | 195.24 | 12100 | 1.65 | | | |
| 8.3 | 425 | 166.59 | 12400 | 1.90 | | | |
| 9.5 | 375 | 145.67 | 12600 | 2.2 | R | 77 | D71D4 |
| 10 | 355 | 138.39 | 12600 | 2.3 | RF | 77 | D71D4 |
| 11 | 310 | 121.42 | 12800 | 2.6 | | | |
| 13 | 265 | 102.99 | 12900 | 3.1 | | | |
| 15 | 240 | 92.97 | 12900 | 3.5 | | | |
| 5.7 | 620 | 158.14 | 7300 | 0.95 | | | |
| 6.5 | 540 | 137.67 | 8210 | 1.10 | R | 67 | D80K6 |
| 7.0 | 505 | 128.97 | 8530 | 1.20 | RF | 67 | D80K6 |
| 7.9 | 445 | 113.94 | 9010 | 1.35 | | | |
| 6.9 | 510 | 199.81 | 8480 | 1.15 | | | |
| 7.5 | 470 | 184.07 | 8820 | 1.25 | | | |
| 8.7 | 405 | 158.14 | 9310 | 1.50 | | | |
| 10 | 355 | 137.67 | 9620 | 1.70 | | | |
| 11 | 330 | 128.97 | 9740 | 1.80 | | | |
| 12 | 290 | 113.94 | 9920 | 2.1 | R | 67 | D71D4 |
| 13 | 270 | 105.83 | 10000 | 2.2 | RF | 67 | D71D4 |
| 14 | 245 | 95.91 | 10100 | 2.4 | | | |
| 16 | 220 | 86.11 | 10200 | 2.7 | | | |
| 19 | 190 | 74.17 | 10300 | 3.2 | | | |
| 20 | 179 | 69.75 | 10300 | 3.4 | | | |
| 23 | 157 | 61.26 | 10400 | 3.8 | | | |
| 24 | 146 | 56.89 | 10400 | 4.1 | | | |
| 7.0 | 505 | 128.77 | 6510 | 0.90 | | | |
| 7.5 | 475 | 120.63 | 7000 | 0.95 | R | 57 | D80K6 |
| 8.4 | 420 | 106.58 | 7240 | 1.10 | RF | 57 | D80K6 |
| 9.1 | 390 | 98.99 | 7350 | 1.15 | | | |
| 7.4 | 480 | 186.89 | 6980 | 0.95 | | | |
| 8.0 | 440 | 172.17 | 7140 | 1.00 | | | |
| 9.3 | 380 | 147.92 | 7390 | 1.20 | | | |
| 11 | 330 | 128.77 | 7550 | 1.35 | | | |
| 11 | 310 | 120.63 | 7610 | 1.45 | | | |
| 13 | 275 | 106.58 | 7700 | 1.65 | | | |
| 14 | 255 | 98.99 | 7750 | 1.80 | R | 57 | D71D4 |
| 15 | 230 | 89.71 | 7800 | 1.95 | RF | 57 | D71D4 |
| 17 | 205 | 80.55 | 7840 | 2.2 | | | |
| 20 | 177 | 69.23 | 7890 | 2.5 | | | |
| 21 | 166 | 64.85 | 7910 | 2.7 | | | |
| 24 | 147 | 57.29 | 7760 | 3.1 | | | |
| 26 | 136 | 53.22 | 7600 | 3.3 | | | |
| 29 | 124 | 48.23 | 7380 | 3.6 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 9.9 | 360 | 139.99 | 3490 | 0.85 | | | |
| 11 | 310 | 121.87 | 5350 | 0.95 | | | |
| 12 | 290 | 114.17 | 5460 | 1.05 | | | |
| 14 | 260 | 100.86 | 5630 | 1.15 | | | |
| 15 | 240 | 93.68 | 5700 | 1.25 | | | |
| 16 | 215 | 84.90 | 5790 | 1.40 | | | |
| 18 | 195 | 76.23 | 5870 | 1.55 | R | 47 | D71D4 |
| 20 | 176 | 68.54 | 5930 | 1.70 | RF | 47 | D71D4 |
| 21 | 164 | 64.21 | 5960 | 1.80 | | | |
| 24 | 145 | 56.73 | 6010 | 2.1 | | | |
| 26 | 135 | 52.69 | 5990 | 2.2 | | | |
| 29 | 122 | 47.75 | 5820 | 2.5 | | | |
| 32 | 110 | 42.87 | 5650 | 2.7 | | | |
| 37 | 95 | 36.93 | 5410 | 3.2 | | | |
| 40 | 89 | 34.73 | 5310 | 3.4 | | | |
| 41 | 87 | 33.79 | 5270 | 2.8 | | | |
| 44 | 80 | 31.12 | 5150 | 2.8 | R | 47 | D71D4 |
| 52 | 69 | 26.74 | 4920 | 4.4 | RF | 47 | D71D4 |
| 59 | 60 | 23.28 | 4720 | 5.0 | | | |
| 63 | 56 | 21.81 | 4620 | 5.4 | | | |
| 15 | 230 | 90.77 | 4250 | 0.85 | R | 37 | D71D4 |
| 16 | 215 | 84.61 | 4720 | 0.90 | RF | 37 | D71D4 |
| 19 | 189 | 73.96 | 5070 | 1.05 | | | |
| 20 | 178 | 69.33 | 5210 | 1.15 | | | |
| 23 | 157 | 61.18 | 5410 | 1.30 | | | |
| 25 | 143 | 55.76 | 5530 | 1.40 | | | |
| 29 | 123 | 48.08 | 5590 | 1.60 | R | 37 | D71D4 |
| 31 | 115 | 44.81 | 5480 | 1.75 | RF | 37 | D71D4 |
| 35 | 100 | 39.17 | 5290 | 2.0 | | | |
| 38 | 94 | 36.72 | 5190 | 2.1 | | | |
| 43 | 83 | 32.40 | 5010 | 2.4 | | | |
| 48 | 74 | 28.73 | 4850 | 2.7 | | | |
| 57 | 63 | 24.42 | 4620 | 3.2 | | | |
| 49 | 73 | 28.32 | 4830 | 2.8 | | | |
| 53 | 67 | 26.03 | 4710 | 2.8 | R | 37 | D71D4 |
| 62 | 57 | 22.27 | 4500 | 3.5 | RF | 37 | D71D4 |
| 71 | 49 | 19.31 | 4320 | 4.1 | | | |
| 76 | 46 | 18.05 | 4230 | 4.3 | | | |
| 88 | 40 | 15.60 | 4050 | 5.0 | R | 37 | D71D4 |
| 104 | 34 | 13.25 | 3850 | 5.6 | RF | 37 | D71D4 |
| 117 | 30 | 11.83 | 3720 | 6.0 | | | |
| 23 | 157 | 61.30 | 3870 | 0.85 | | | |
| 25 | 143 | 55.87 | 3800 | 0.90 | | | |
| 29 | 123 | 48.17 | 3680 | 1.05 | | | |
| 31 | 115 | 44.90 | 3620 | 1.15 | R | 27 | D71D4 |
| 35 | 101 | 39.25 | 3510 | 1.30 | RF | 27 | D71D4 |
| 38 | 94 | 36.79 | 3460 | 1.40 | | | |
| 43 | 83 | 32.47 | 3350 | 1.55 | | | |
| 48 | 74 | 28.78 | 3250 | 1.75 | | | |
| 56 | 63 | 24.47 | 3110 | 2.1 | | | |
| 49 | 73 | 28.37 | 3240 | 1.80 | | | |
| 53 | 67 | 26.09 | 3170 | 1.95 | | | |
| 62 | 57 | 22.32 | 3040 | 2.3 | R | 27 | D71D4 |
| 71 | 50 | 19.35 | 2920 | 2.6 | RF | 27 | D71D4 |
| 76 | 46 | 18.08 | 2860 | 2.8 | | | |
| 88 | 40 | 15.63 | 2750 | 3.2 | | | |
| 104 | 34 | 13.28 | 2620 | 3.8 | | | |
| 36 | 99 | 38.61 | 770 | 0.85 | | | |
| 38 | 93 | 36.20 | 1260 | 0.90 | | | |
| 43 | 82 | 31.94 | 1910 | 1.05 | R | 17 | D71D4 |
| 49 | 73 | 28.32 | 1880 | 1.15 | RF | 17 | D71D4 |
| 57 | 62 | 24.07 | 1830 | 1.40 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 55 | 65 | 25.23 | 1840 | 1.30 | | | |
| 60 | 59 | 23.15 | 1820 | 1.45 | | | |
| 70 | 51 | 19.71 | 1760 | 1.70 | | | |
| 81 | 44 | 16.99 | 1710 | 1.95 | | | |
| 87 | 41 | 15.84 | 1680 | 2.1 | | | |
| 100 | 35 | 13.84 | 1630 | 2.4 | | | |
| 106 | 33 | 12.98 | 1610 | 2.6 | | | |
| 121 | 29 | 11.45 | 1560 | 2.8 | R | 17 | D71D4 |
| 136 | 26 | 10.15 | 1520 | 3.0 | RF | 17 | D71D4 |
| 160 | 22 | 8.63 | 1460 | 3.3 | | | |
| 183 | 19 | 7.55 | 1370 | 2.9 | | | |
| 196 | 18 | 7.04 | 1350 | 3.1 | | | |
| 224 | 16 | 6.15 | 1300 | 3.4 | | | |
| 239 | 15 | 5.76 | 1280 | 3.6 | | | |
| 271 | 13 | 5.09 | 1240 | 3.9 | | | |
| 306 | 12 | 4.51 | 1200 | 4.2 | | | |
| 360 | 9.8 | 3.83 | 1150 | 4.6 | | | |
| 191 | 19 | 13.84 | 1390 | 4.6 | | | |
| 204 | 17 | 12.98 | 1360 | 4.9 | | | |
| 231 | 15 | 11.45 | 1320 | 5.3 | | | |
| 261 | 14 | 10.15 | 1270 | 5.7 | | | |
| 307 | 12 | 8.63 | 1220 | 6.3 | | | |
| 351 | 10 | 7.55 | 1150 | 5.5 | R | 17 | D63L2 |
| 377 | 9.4 | 7.04 | 1130 | 5.8 | RF | 17 | D63L2 |
| 431 | 8.2 | 6.15 | 1090 | 6.6 | | | |
| 460 | 7.7 | 5.76 | 1070 | 6.9 | | | |
| 521 | 6.8 | 5.09 | 1030 | 7.5 | | | |
| 588 | 6.0 | 4.51 | 990 | 8.0 | | | |
| 691 | 5.1 | 3.83 | 950 | 8.8 | | | |
| 174 | 20 | 5.18 | 4570 | 3.7 | | | |
| 199 | 18 | 4.53 | 4380 | 4.6 | RX | 67 | D80K6 |
| 209 | 17 | 4.30* | 4310 | 4.7 | RXF | 67 | D80K6 |
| 239 | 15 | 3.77 | 4130 | 5.9 | | | |
| 227 | 16 | 6.07 | 4200 | 2.8 | | | |
| 267 | 13 | 5.18 | 3990 | 5.6 | | | |
| 305 | 12 | 4.53 | 3820 | 7.1 | | | |
| 321 | 11 | 4.30 | 3760 | 7.3 | | | |
| 366 | 9.7 | 3.77 | 3610 | 9.0 | RX | 67 | D71D4 |
| 431 | 8.2 | 3.20 | 3420 | 12 | RXF | 67 | D71D4 |
| 478 | 7.4 | 2.89 | 3310 | 14 | | | |
| 543 | 6.5 | 2.54 | 3170 | 18 | | | |
| 575 | 6.1 | 2.40 | 3110 | 20 | | | |
| 675 | 5.2 | 2.04 | 2950 | 26 | | | |
| 207 | 17 | 4.35 | 3500 | 4.0 | RX | 57 | D80K6 |
| 238 | 15 | 3.79 | 3350 | 4.6 | RXF | 57 | D80K6 |
| 254 | 14 | 3.55 | 3280 | 5.0 | | | |
| 251 | 14 | 5.50 | 3300 | 2.8 | | | |
| 272 | 13 | 5.07 | 3210 | 2.8 | | | |
| 317 | 11 | 4.35 | 3060 | 6.1 | | | |
| 364 | 9.7 | 3.79 | 2930 | 7.1 | | | |
| 389 | 9.1 | 3.55 | 2870 | 7.6 | | | |
| 440 | 8.0 | 3.14 | 2760 | 8.1 | RX | 57 | D71D4 |
| 474 | 7.5 | 2.91 | 2690 | 8.9 | RXF | 57 | D71D4 |
| 523 | 6.8 | 2.64 | 2610 | 10 | | | |
| 582 | 6.1 | 2.37 | 2520 | 11 | | | |
| 676 | 5.2 | 2.04 | 2400 | 13 | | | |
| 719 | 4.9 | 1.92 | 2350 | 14 | | | |
| 835 | 4.2 | 1.65 | 2240 | 16 | | | |
| **0.55kW** | | | | | | | |
| 0.22 | 19800 | 6077 | 120000 | 0.90 | | | |
| 0.25 | 17600 | 5407 | 120000 | 1.00 | R | 167 R97 | D80K4 |
| 0.29 | 15100 | 4650 | 120000 | 1.20 | RF | 167 R97 | D80K4 |
| 0.33 | 13300 | 4129 | 120000 | 1.35 | | | |
| 0.28 | 16600 | 4926 | 26300 | 0.80 | | | |
| 0.31 | 14500 | 4325 | 55900 | 0.90 | R | 147 R77 | D80K4 |
| 0.36 | 12700 | 3754 | 63300 | 1.05 | RF | 147 R77 | D80K4 |
| 0.41 | 11100 | 3302 | 66100 | 1.15 | | | |
| 0.47 | 9720 | 2898 | 68200 | 1.35 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 0.53 | 8730 | 2555 | 69500 | 1.50 | | | |
| 0.62 | 7560 | 2211 | 70800 | 1.70 | | | |
| 0.70 | 6670 | 1951 | 71600 | 1.95 | | | |
| 0.80 | 5730 | 1705 | 72400 | 2.3 | R | 147 R77 | D80K4 |
| 0.89 | 5140 | 1536 | 72900 | 2.5 | RF | 147 R77 | D80K4 |
| 1.0 | 4450 | 1329 | 73300 | 2.9 | | | |
| 1.2 | 3880 | 1166 | 73600 | 3.3 | | | |
| 0.55 | 8540 | 2484 | 51700 | 0.95 | R | 137 R77 | D80K4 |
| | | | | | RF | 137 R77 | D80K4 |
| 0.51 | 9080 | 2658 | 49200 | 0.90 | | | |
| 0.56 | 8240 | 2412 | 52900 | 0.95 | | | |
| 0.66 | 7090 | 2073 | 55200 | 1.15 | | | |
| 0.74 | 6210 | 1839 | 56700 | 1.30 | | | |
| 0.85 | 5350 | 1598 | 58000 | 1.50 | R | 137 R77 | D80K4 |
| 0.97 | 4760 | 1397 | 58700 | 1.70 | RF | 137 R77 | D80K4 |
| 1.1 | 4150 | 1226 | 59400 | 1.95 | | | |
| 1.2 | 3710 | 1090 | 59800 | 2.2 | | | |
| 1.4 | 3240 | 951 | 60200 | 2.5 | | | |
| 1.6 | 2780 | 831 | 60500 | 2.9 | | | |
| 0.97 | 4790 | 1407 | 23400 | 0.90 | | | |
| 1.1 | 4120 | 1209 | 30400 | 1.05 | | | |
| 1.3 | 3590 | 1055 | 32800 | 1.20 | R | 107 R77 | D80K4 |
| 1.5 | 3140 | 919 | 34500 | 1.35 | RF | 107 R77 | D80K4 |
| 1.7 | 2790 | 815 | 35600 | 1.55 | | | |
| 1.9 | 2450 | 717 | 36200 | 1.75 | | | |
| 2.2 | 2140 | 626 | 36600 | 2.0 | | | |
| 0.97 | 4730 | 1400 | 25600 | 0.90 | | | |
| 1.1 | 4120 | 1226 | 30400 | 1.05 | R | 107 R77 | D80K4 |
| 1.2 | 3690 | 1104 | 32400 | 1.15 | RF | 107 R77 | D80K4 |
| 1.5 | 3170 | 939 | 34400 | 1.35 | | | |
| 1.7 | 2760 | 822 | 35700 | 1.55 | | | |
| 1.5 | 3240 | 938 | 4620 | 0.95 | | | |
| 1.6 | 2810 | 824 | 22200 | 1.05 | | | |
| 1.8 | 2520 | 737 | 24000 | 1.20 | | | |
| 2.2 | 2160 | 632 | 25700 | 1.40 | | | |
| 2.4 | 1880 | 560 | 26800 | 1.60 | R | 97 R57 | D80K4 |
| 2.8 | 1640 | 484 | 27400 | 1.85 | RF | 97 R57 | D80K4 |
| 3.2 | 1480 | 431 | 27700 | 2.0 | | | |
| 3.6 | 1290 | 379 | 27900 | 2.3 | | | |
| 4.0 | 1150 | 336 | 28100 | 2.6 | | | |
| 4.6 | 1010 | 296 | 28200 | 3.0 | | | |
| 5.5 | 840 | 249 | 28400 | 3.6 | | | |
| 2.6 | 1780 | 525 | 15100 | 0.85 | | | |
| 3.0 | 1550 | 456 | 16900 | 1.00 | | | |
| 3.4 | 1340 | 398 | 18200 | 1.15 | R | 87 R57 | D80K4 |
| 3.9 | 1190 | 352 | 19000 | 1.30 | RF | 87 R57 | D80K4 |
| 4.4 | 1030 | 305 | 19700 | 1.50 | | | |
| 2.9 | 1650 | 472 | 16200 | 0.95 | | | |
| 3.4 | 1400 | 400 | 17900 | 1.10 | R | 87 R57 | D80K4 |
| 3.8 | 1260 | 361 | 18700 | 1.25 | RF | 87 R57 | D80K4 |
| 4.9 | 970 | 276 | 6420 | 0.85 | | | |
| 5.8 | 830 | 236 | 9860 | 1.00 | | | |
| 6.2 | 775 | 221 | 10300 | 1.05 | R | 77 R37 | D80K4 |
| 7.3 | 650 | 186 | 11300 | 1.25 | RF | 77 R37 | D80K4 |
| 2.7 | 1980 | 255.71 | 26500 | 1.50 | | | |
| 2.8 | 1860 | 241.25 | 26900 | 1.60 | R | 97 | D90L8 |
| 3.1 | 1670 | 216.28 | 27400 | 1.80 | RF | 97 | D90L8 |
| 3.1 | 1690 | 289.74 | 27400 | 1.75 | | | |
| 3.5 | 1490 | 255.71 | 27700 | 2.0 | R | 97 | D80N6 |
| 3.7 | 1410 | 241.25 | 27800 | 2.1 | RF | 97 | D80N6 |
| 4.2 | 1260 | 216.28 | 28000 | 2.4 | | | |
| 4.7 | 1120 | 289.74 | 28100 | 2.7 | | | |
| 5.3 | 990 | 255.71 | 28200 | 3.0 | R | 97 | D80K4 |
| 5.6 | 930 | 241.25 | 28300 | 3.2 | RF | 97 | D80K4 |
| 6.3 | 840 | 216.28 | 28400 | 3.6 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 3.7 | 1440 | 246.54 | 17700 | 1.10 | | | |
| 4.2 | 1260 | 216.54 | 18700 | 1.25 | R | 87 | D80N6 |
| 4.4 | 1200 | 205.71 | 19000 | 1.30 | RF | 87 | D80N6 |
| 4.9 | 1060 | 181.77 | 19600 | 1.45 | | | |
| 5.8 | 910 | 155.34 | 20000 | 1.70 | | | |
| 5.5 | 950 | 246.54 | 20000 | 1.65 | | | |
| 6.3 | 840 | 216.54 | 20000 | 1.85 | | | |
| 6.6 | 795 | 205.71 | 20000 | 1.95 | | | |
| 7.5 | 700 | 181.77 | 20000 | 2.2 | R | 87 | D80K4 |
| 8.8 | 600 | 155.34 | 20000 | 2.6 | RF | 87 | D80K4 |
| 9.6 | 550 | 142.41 | 20000 | 2.8 | | | |
| 11 | 485 | 124.97 | 20000 | 3.2 | | | |
| 11 | 455 | 118.43 | 20000 | 3.4 | | | |
| 13 | 400 | 103.65 | 20000 | 3.9 | | | |
| 8.2 | 645 | 166.59 | 11300 | 1.25 | | | |
| 9.3 | 565 | 145.67 | 11800 | 1.45 | | | |
| 9.8 | 535 | 138.39 | 11900 | 1.55 | | | |
| 11 | 470 | 121.42 | 12200 | 1.75 | R | 77 | D80K4 |
| 13 | 400 | 102.99 | 12500 | 2.1 | RF | 77 | D80K4 |
| 15 | 360 | 92.97 | 12600 | 2.3 | | | |
| 17 | 315 | 81.80 | 12800 | 2.6 | | | |
| 18 | 300 | 77.24 | 12800 | 2.8 | | | |
| 21 | 255 | 65.77 | 12900 | 3.2 | | | |
| 8.6 | 610 | 158.14 | 7430 | 1.00 | | | |
| 9.9 | 530 | 137.67 | 8290 | 1.15 | | | |
| 11 | 500 | 128.97 | 8600 | 1.20 | | | |
| 12 | 440 | 113.94 | 9060 | 1.35 | | | |
| 13 | 410 | 105.83 | 9280 | 1.45 | R | 67 | D80K4 |
| 14 | 370 | 95.91 | 9520 | 1.60 | RF | 67 | D80K4 |
| 16 | 335 | 86.11 | 9730 | 1.80 | | | |
| 18 | 285 | 74.17 | 9940 | 2.1 | | | |
| 20 | 270 | 69.75 | 10000 | 2.2 | | | |
| 22 | 235 | 61.26 | 10100 | 2.5 | | | |
| 24 | 220 | 56.89 | 10200 | 2.7 | | | |
| 11 | 465 | 120.63 | 7030 | 0.95 | | | |
| 13 | 410 | 106.58 | 7260 | 1.10 | | | |
| 14 | 380 | 98.99 | 7370 | 1.20 | | | |
| 15 | 345 | 89.71 | 7490 | 1.30 | | | |
| 17 | 310 | 80.55 | 7600 | 1.45 | | | |
| 20 | 265 | 69.23 | 7710 | 1.70 | R | 57 | D80K4 |
| 21 | 250 | 64.85 | 7750 | 1.80 | RF | 57 | D80K4 |
| 24 | 220 | 57.29 | 7530 | 2.0 | | | |
| 26 | 205 | 53.22 | 7390 | 2.2 | | | |
| 28 | 186 | 48.23 | 7190 | 2.4 | | | |
| 31 | 167 | 43.30 | 6980 | 2.7 | | | |
| 36 | 144 | 37.30 | 6700 | 3.1 | | | |
| 39 | 136 | 35.07 | 6580 | 3.3 | | | |
| 52 | 102 | 26.31 | 6060 | 4.4 | | | |
| 54 | 97 | 24.99 | 5970 | 4.7 | R | 57 | D80K4 |
| 62 | 85 | 21.93 | 5740 | 5.3 | RF | 57 | D80K4 |
| 73 | 72 | 18.60 | 5460 | 6.3 | | | |
| 15 | 360 | 93.68 | 3280 | 0.85 | | | |
| 16 | 330 | 84.90 | 5230 | 0.90 | | | |
| 18 | 295 | 76.23 | 5450 | 1.00 | | | |
| 20 | 265 | 68.54 | 5600 | 1.15 | | | |
| 21 | 250 | 64.21 | 5670 | 1.20 | R | 47 | D80K4 |
| 24 | 220 | 56.73 | 5790 | 1.35 | RF | 47 | D80K4 |
| 26 | 205 | 52.69 | 5770 | 1.45 | | | |
| 28 | 184 | 47.75 | 5630 | 1.65 | | | |
| 32 | 166 | 42.87 | 5470 | 1.80 | | | |
| 37 | 143 | 36.93 | 5260 | 2.1 | | | |
| 39 | 134 | 34.73 | 5180 | 2.2 | | | |
| 46 | 115 | 29.88 | 4970 | 2.6 | | | |
| 51 | 103 | 26.74 | 4820 | 2.9 | R | 47 | D80K4 |
| 58 | 90 | 23.28 | 4630 | 3.3 | RF | 47 | D80K4 |
| 62 | 84 | 21.81 | 4550 | 3.6 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 22 | 235 | 61.18 | 3910 | 0.85 | | | |
| 24 | 215 | 55.76 | 4740 | 0.95 | | | |
| 28 | 186 | 48.08 | 5120 | 1.10 | | | |
| 30 | 173 | 44.81 | 5230 | 1.15 | R | 37 | D80K4 |
| 35 | 151 | 39.17 | 5070 | 1.30 | RF | 37 | D80K4 |
| 37 | 142 | 36.72 | 4990 | 1.40 | | | |
| 42 | 125 | 32.40 | 4840 | 1.60 | | | |
| 47 | 111 | 28.73 | 4700 | 1.80 | | | |
| 56 | 94 | 24.42 | 4500 | 2.1 | | | |
| 61 | 86 | 22.27 | 4390 | 2.3 | | | |
| 70 | 75 | 19.31 | 4220 | 2.7 | | | |
| 75 | 70 | 18.05 | 4140 | 2.9 | R | 37 | D80K4 |
| 87 | 60 | 15.60 | 3970 | 3.3 | RF | 37 | D80K4 |
| 103 | 51 | 13.25 | 3790 | 3.7 | | | |
| 115 | 46 | 11.83 | 3670 | 4.0 | | | |
| 35 | 152 | 39.25 | 3280 | 0.85 | | | |
| 37 | 142 | 36.79 | 3240 | 0.90 | R | 27 | D80K4 |
| 42 | 125 | 32.47 | 3160 | 1.05 | RF | 27 | D80K4 |
| 47 | 111 | 28.78 | 3080 | 1.15 | | | |
| 56 | 95 | 24.47 | 2970 | 1.40 | | | |
| 61 | 86 | 22.32 | 2910 | 1.50 | | | |
| 70 | 75 | 19.35 | 2810 | 1.75 | | | |
| 75 | 70 | 18.08 | 2760 | 1.85 | | | |
| 87 | 60 | 15.63 | 2660 | 2.2 | | | |
| 102 | 51 | 13.28 | 2550 | 2.5 | | | |
| 115 | 46 | 11.86 | 2470 | 2.8 | | | |
| 134 | 39 | 10.13 | 2370 | 3.1 | | | |
| 145 | 36 | 9.41 | 2290 | 3.4 | R | 27 | D80K4 |
| 167 | 32 | 8.16 | 2200 | 3.7 | RF | 27 | D80K4 |
| 178 | 29 | 7.63 | 2160 | 3.8 | | | |
| 206 | 26 | 6.59 | 2070 | 4.2 | | | |
| 243 | 22 | 5.60 | 1980 | 4.6 | | | |
| 272 | 19 | 5.00 | 1910 | 4.9 | | | |
| 318 | 17 | 4.27 | 1830 | 5.3 | | | |
| 340 | 15 | 4.00 | 1790 | 5.5 | | | |
| 404 | 13 | 3.37 | 1700 | 6.1 | | | |
| 50 | 105 | 53.76 | 235 | 0.80 | | | |
| 57 | 92 | 47.44 | 1280 | 0.90 | R | 17 | D71D2 |
| 61 | 86 | 44.18 | 1610 | 1.00 | RF | 17 | D71D2 |
| 70 | 75 | 38.61 | 1590 | 1.15 | | | |
| 69 | 76 | 19.71 | 1590 | 1.10 | | | |
| 80 | 66 | 16.99 | 1560 | 1.30 | | | |
| 86 | 61 | 15.84 | 1550 | 1.40 | | | |
| 98 | 54 | 13.84 | 1510 | 1.60 | | | |
| 105 | 50 | 12.98 | 1500 | 1.70 | | | |
| 119 | 44 | 11.45 | 1460 | 1.85 | | | |
| 134 | 39 | 10.15 | 1430 | 1.95 | R | 17 | D80K4 |
| 158 | 33 | 8.63 | 1380 | 2.2 | RF | 17 | D80K4 |
| 180 | 29 | 7.55 | 1290 | 1.90 | | | |
| 193 | 27 | 7.04 | 1270 | 2.0 | | | |
| 221 | 24 | 6.15 | 1240 | 2.3 | | | |
| 236 | 22 | 5.76 | 1220 | 2.4 | | | |
| 267 | 20 | 5.09 | 1190 | 2.6 | | | |
| 302 | 17 | 4.51 | 1150 | 2.8 | | | |
| 355 | 15 | 3.83 | 1110 | 3.0 | | | |
| 313 | 17 | 8.63 | 1170 | 4.3 | | | |
| 358 | 15 | 7.55 | 1100 | 3.8 | | | |
| 384 | 14 | 7.04 | 1080 | 4.0 | | | |
| 439 | 12 | 6.15 | 1050 | 4.5 | R | 17 | D71D2 |
| 468 | 11 | 5.76 | 1030 | 4.7 | RF | 17 | D71D2 |
| 531 | 9.9 | 5.09 | 990 | 5.2 | | | |
| 599 | 8.8 | 4.51 | 960 | 5.4 | | | |
| 704 | 7.5 | 3.83 | 920 | 6.0 | | | |
| 174 | 30 | 5.18 | 4510 | 2.5 | | | |
| 199 | 26 | 4.53 | 4320 | 3.1 | RX | 67 | D80N6 |
| 209 | 25 | 4.30 | 4260 | 3.2 | RXF | 67 | D80N6 |
| 239 | 22 | 3.77 | 4090 | 4.0 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 263 | 20 | 5.18 | 3970 | 3.8 | | | |
| 300 | 18 | 4.53 | 3800 | 4.7 | | | |
| 316 | 17 | 4.30 | 3740 | 4.8 | | | |
| 360 | 15 | 3.77 | 3590 | 6.0 | | | |
| 425 | 12 | 3.20 | 3410 | 8.1 | RX | 67 | D80K4 |
| 471 | 11 | 2.89 | 3300 | 9.5 | RXF | 67 | D80K4 |
| 535 | 9.8 | 2.54 | 3170 | 12 | | | |
| 567 | 9.3 | 2.40 | 3110 | 13 | | | |
| 666 | 7.9 | 2.04 | 2950 | 17 | | | |
| 732 | 7.2 | 1.86 | 2860 | 18 | | | |
| 845 | 6.2 | 1.61 | 2730 | 18 | | | |
| 207 | 25 | 4.35 | 3440 | 2.7 | | | |
| 238 | 22 | 3.79 | 3300 | 3.1 | RX | 57 | D80N6 |
| 254 | 21 | 3.55 | 3230 | 3.3 | RXF | 57 | D80N6 |
| 287 | 18 | 3.14 | 3110 | 3.5 | | | |
| 309 | 17 | 2.91 | 3040 | 3.9 | | | |
| 312 | 17 | 4.35 | 3040 | 4.1 | | | |
| 359 | 15 | 3.79 | 3910 | 4.7 | | | |
| 383 | 14 | 3.55 | 2850 | 5.0 | | | |
| 434 | 12 | 3.14 | 2740 | 5.4 | | | |
| 467 | 11 | 2.91 | 2680 | 6.0 | RX | 57 | D80K4 |
| 515 | 10 | 2.64 | 2600 | 6.8 | RXF | 57 | D80K4 |
| 574 | 9.2 | 2.37 | 2510 | 7.5 | | | |
| 666 | 7.9 | 2.04 | 2390 | 8.7 | | | |
| 708 | 7.4 | 1.92 | 2350 | 9.3 | | | |
| 823 | 6.4 | 1.65 | 2230 | 11 | | | |
| 921 | 5.7 | 1.48 | 2150 | 12 | | | |
| 1045 | 5.0 | 1.30 | 2070 | 13 | | | |
| **0.75kW** | | | | | | | |
| 0.30 | 20700 | 4650 | 120000 | 0.85 | R | 167 | R97 D80N4 |
| 0.33 | 18300 | 4129 | 120000 | 1.00 | RF | 167 | R97 D80N4 |
| 0.52 | 12000 | 2657 | 120000 | 1.50 | | | |
| 0.59 | 10400 | 2333 | 120000 | 1.75 | R | 167 | R97 D80N4 |
| 0.66 | 9230 | 2085 | 120000 | 1.95 | RF | 167 | R97 D80N4 |
| 0.96 | 6510 | 1438 | 120000 | 2.8 | | | |
| 0.42 | 15100 | 3302 | 49000 | 0.85 | R | 147 | R77 D80N4 |
| 0.48 | 13200 | 2898 | 62200 | 1.00 | RF | 147 | R77 D80N4 |
| 0.54 | 11900 | 2555 | 64800 | 1.10 | | | |
| 0.62 | 10300 | 2211 | 67400 | 1.25 | | | |
| 0.71 | 9070 | 1951 | 69000 | 1.45 | R | 147 | R77 D80N4 |
| 0.81 | 7830 | 1705 | 70500 | 1.65 | RF | 147 | R77 D80N4 |
| 0.90 | 7030 | 1536 | 71300 | 1.85 | | | |
| 1.0 | 6080 | 1329 | 72100 | 2.1 | | | |
| 1.2 | 5310 | 1166 | 72700 | 2.5 | | | |
| 0.74 | 8640 | 1863 | 51200 | 0.95 | | | |
| 0.87 | 7330 | 1586 | 54700 | 1.10 | R | 137 | R77 D80N4 |
| 0.99 | 6500 | 1391 | 56200 | 1.25 | RF | 137 | R77 D80N4 |
| 1.1 | 5850 | 1256 | 57300 | 1.35 | | | |
| 0.67 | 9640 | 2073 | 41400 | 0.85 | | | |
| 0.75 | 8480 | 1839 | 51900 | 0.95 | | | |
| 0.86 | 7310 | 1598 | 54800 | 1.10 | | | |
| 0.99 | 6480 | 1397 | 56300 | 1.25 | R | 137 | R77 D80N4 |
| 1.1 | 5660 | 1226 | 57500 | 1.40 | RF | 137 | R77 D80N4 |
| 1.3 | 5050 | 1090 | 58300 | 1.60 | | | |
| 1.5 | 4410 | 951 | 59100 | 1.80 | | | |
| 1.7 | 3810 | 831 | 59700 | 2.1 | | | |
| 1.9 | 3320 | 730 | 60100 | 2.4 | | | |
| 1.3 | 4890 | 1055 | 19000 | 0.90 | R | 107 | R77 D80N4 |
| 1.5 | 4270 | 919 | 29600 | 1.00 | RF | 107 | R77 D80N4 |
| 1.7 | 3800 | 815 | 31900 | 1.15 | | | |
| 1.2 | 5050 | 1104 | 7700 | 0.85 | | | |
| 1.5 | 4330 | 939 | 29300 | 1.00 | R | 107 | R77 D80N4 |
| 1.7 | 3770 | 822 | 32000 | 1.15 | RF | 107 | R77 D80N4 |
| 3.7 | 1690 | 369 | 37100 | 2.5 | | | |
| 4.3 | 1470 | 323 | 37300 | 2.9 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 2.2 | 2940 | 632 | 21400 | 1.00 | | | |
| 2.5 | 2570 | 560 | 23700 | 1.15 | | | |
| 2.8 | 2230 | 484 | 25400 | 1.35 | | | |
| 3.2 | 2010 | 431 | 26400 | 1.50 | R | 97 | R57 D80N4 |
| 3.6 | 1760 | 379 | 27200 | 1.70 | RF | 97 | R57 D80N4 |
| 4.1 | 1570 | 336 | 27600 | 1.90 | | | |
| 4.7 | 1370 | 296 | 27800 | 2.2 | | | |
| 5.5 | 1150 | 249 | 28100 | 2.6 | | | |
| 3.5 | 1830 | 398 | 12400 | 0.85 | | | |
| 3.9 | 1630 | 352 | 16400 | 0.95 | R | 87 | R57 D80N4 |
| 4.5 | 1400 | 305 | 17900 | 1.10 | RF | 87 | R57 D80N4 |
| 5.2 | 1240 | 268 | 18800 | 1.25 | | | |
| 5.8 | 1090 | 236 | 19500 | 1.40 | | | |
| 3.8 | 1710 | 361 | 15700 | 0.90 | R | 87 | R57 D80N4 |
| 4.6 | 1410 | 300 | 17800 | 1.10 | RF | 87 | R57 D80N4 |
| 5.4 | 1200 | 256 | 19000 | 1.30 | | | |
| 2.8 | 2610 | 251.15 | 36000 | 1.65 | | | |
| 3.0 | 2390 | 229.95 | 36300 | 1.80 | R | 107 | D100M8 |
| 3.4 | 2110 | 203.16 | 36700 | 2.0 | RF | 107 | D100M8 |
| 3.2 | 2240 | 216.28 | 25300 | 1.35 | | | |
| 3.7 | 1930 | 186.30 | 26600 | 1.55 | R | 97 | D100M8 |
| 4.1 | 1760 | 170.02 | 27200 | 1.75 | RF | 97 | D100M8 |
| 3.5 | 2030 | 255.71 | 26200 | 1.45 | | | |
| 3.7 | 1920 | 241.25 | 26700 | 1.55 | R | 97 | D90S6 |
| 4.2 | 1720 | 216.28 | 27300 | 1.75 | RF | 97 | D90S6 |
| 4.8 | 1500 | 289.74 | 27600 | 2.0 | | | |
| 5.4 | 1330 | 255.71 | 27900 | 2.3 | | | |
| 5.7 | 1250 | 241.25 | 28000 | 2.4 | R | 97 | D80N4 |
| 6.4 | 1120 | 216.28 | 28100 | 2.7 | RF | 97 | D80N4 |
| 7.4 | 970 | 186.30 | 28300 | 3.1 | | | |
| 8.1 | 880 | 170.02 | 28300 | 3.4 | | | |
| 4.2 | 1720 | 216.54 | 15600 | 0.90 | | | |
| 4.4 | 1640 | 205.71 | 16300 | 0.95 | R | 87 | D90S6 |
| 4.9 | 1450 | 181.77 | 17600 | 1.05 | RF | 87 | D90S6 |
| 5.8 | 1240 | 155.34 | 18800 | 1.25 | R | 87 | D90S6 |
| 6.3 | 1130 | 142.41 | 19300 | 1.35 | RF | 87 | D90S6 |
| 5.6 | 1280 | 246.54 | 18600 | 1.20 | | | |
| 6.4 | 1120 | 216.54 | 19300 | 1.40 | | | |
| 6.7 | 1070 | 205.71 | 19600 | 1.45 | | | |
| 7.6 | 940 | 181.77 | 20000 | 1.65 | | | |
| 8.9 | 810 | 155.34 | 20000 | 1.90 | R | 87 | D80N4 |
| 9.7 | 740 | 142.41 | 20000 | 2.1 | RF | 87 | D80N4 |
| 11 | 650 | 124.97 | 20000 | 2.4 | | | |
| 12 | 615 | 118.43 | 20000 | 2.5 | | | |
| 13 | 540 | 103.65 | 20000 | 2.9 | | | |
| 15 | 480 | 93.38 | 20000 | 3.2 | | | |
| 8.3 | 860 | 166.59 | 9490 | 0.95 | R | 77 | D80N4 |
| 9.5 | 755 | 145.67 | 10500 | 1.10 | RF | 77 | D80N4 |
| 10 | 720 | 138.39 | 10800 | 1.15 | | | |
| 11 | 630 | 121.42 | 11400 | 1.30 | | | |
| 13 | 535 | 102.99 | 11900 | 1.55 | | | |
| 15 | 485 | 92.97 | 12200 | 1.70 | | | |
| 17 | 425 | 81.80 | 12400 | 1.95 | | | |
| 18 | 400 | 77.24 | 12500 | 2.0 | R | 77 | D80N4 |
| 21 | 340 | 65.77 | 12700 | 2.4 | RF | 77 | D80N4 |
| 24 | 300 | 57.68 | 12800 | 2.7 | | | |
| 27 | 270 | 52.07 | 12900 | 3.0 | | | |
| 30 | 240 | 45.81 | 12900 | 3.5 | | | |
| 32 | 225 | 43.26 | 13000 | 3.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 11 | 670 | 128.97 | 4040 | 0.90 | | | |
| 12 | 590 | 113.94 | 7660 | 1.00 | | | |
| 13 | 550 | 105.83 | 8120 | 1.10 | | | |
| 14 | 500 | 95.91 | 8600 | 1.20 | | | |
| 16 | 445 | 86.11 | 9010 | 1.35 | R | 67 | D80N4 |
| 19 | 385 | 74.17 | 9430 | 1.55 | RF | 67 | D80N4 |
| 20 | 360 | 69.75 | 9570 | 1.65 | | | |
| 23 | 320 | 61.26 | 9800 | 1.90 | | | |
| 24 | 295 | 56.89 | 9910 | 2.0 | | | |
| 27 | 270 | 51.56 | 10000 | 2.2 | | | |
| 30 | 240 | 46.29 | 10100 | 2.5 | | | |
| 13 | 555 | 106.58 | 4610 | 0.80 | | | |
| 14 | 515 | 98.99 | 6200 | 0.90 | | | |
| 15 | 465 | 89.71 | 7040 | 0.95 | R | 57 | D80N4 |
| 17 | 420 | 80.55 | 7240 | 1.10 | RF | 57 | D80N4 |
| 20 | 360 | 69.23 | 7450 | 1.25 | | | |
| 21 | 335 | 64.85 | 7430 | 1.35 | | | |
| 24 | 295 | 57.29 | 7220 | 1.50 | | | |
| 26 | 275 | 53.22 | 7090 | 1.65 | | | |
| 29 | 250 | 48.23 | 6930 | 1.80 | | | |
| 32 | 225 | 43.30 | 6740 | 2.0 | R | 57 | D80N4 |
| 37 | 194 | 37.30 | 6490 | 2.3 | RF | 57 | D80N4 |
| 39 | 182 | 35.07 | 6380 | 2.5 | | | |
| 46 | 157 | 30.18 | 6130 | 2.9 | | | |
| 51 | 140 | 26.97 | 5940 | 3.2 | | | |
| 52 | 137 | 26.31 | 5900 | 3.3 | | | |
| 55 | 130 | 24.99 | 5820 | 3.5 | R | 57 | D80N4 |
| 63 | 114 | 21.93 | 5610 | 4.0 | RF | 57 | D80N4 |
| 74 | 97 | 18.60 | 5350 | 4.7 | | | |
| 20 | 355 | 68.54 | 3660 | 0.85 | R | 47 | D80N4 |
| 21 | 335 | 64.21 | 4950 | 0.90 | RF | 47 | D80N4 |
| 24 | 295 | 56.73 | 5450 | 1.00 | | | |
| 26 | 275 | 52.69 | 5480 | 1.10 | | | |
| 29 | 250 | 47.75 | 5370 | 1.20 | | | |
| 32 | 225 | 42.87 | 5240 | 1.35 | | | |
| 37 | 192 | 36.93 | 5060 | 1.55 | R | 47 | D80N4 |
| 40 | 180 | 34.73 | 4980 | 1.65 | RF | 47 | D80N4 |
| 46 | 155 | 29.88 | 4800 | 1.95 | | | |
| 52 | 139 | 26.70 | 4660 | 2.2 | | | |
| 58 | 122 | 23.59 | 4510 | 2.5 | | | |
| 52 | 139 | 26.74 | 4660 | 2.2 | | | |
| 59 | 121 | 23.28 | 4490 | 2.5 | | | |
| 63 | 113 | 21.81 | 4420 | 2.7 | R | 47 | D80N4 |
| 72 | 100 | 19.27 | 4270 | 3.0 | RF | 47 | D80N4 |
| 77 | 93 | 17.89 | 4180 | 3.1 | | | |
| 85 | 84 | 16.22 | 4070 | 3.3 | | | |
| 29 | 250 | 48.08 | 2330 | 0.80 | R | 37 | D80N4 |
| 31 | 235 | 44.81 | 4230 | 0.85 | RF | 37 | D80N4 |
| 35 | 205 | 39.17 | 4720 | 1.00 | | | |
| 38 | 191 | 36.72 | 4740 | 1.05 | | | |
| 43 | 168 | 32.40 | 4610 | 1.20 | R | 37 | D80N4 |
| 48 | 149 | 28.73 | 4490 | 1.35 | RF | 37 | D80N4 |
| 57 | 127 | 24.42 | 4320 | 1.60 | | | |
| 62 | 116 | 22.27 | 4230 | 1.75 | | | |
| 71 | 100 | 19.31 | 4080 | 2.0 | | | |
| 76 | 94 | 18.05 | 4010 | 2.1 | | | |
| 88 | 81 | 15.60 | 3850 | 2.5 | R | 37 | D80N4 |
| 104 | 69 | 13.25 | 3690 | 2.8 | RF | 37 | D80N4 |
| 117 | 61 | 11.83 | 3570 | 3.0 | | | |
| 137 | 53 | 10.11 | 3420 | 3.2 | | | |
| 146 | 49 | 9.47 | 3360 | 3.4 | | | |
| 48 | 149 | 28.78 | 2880 | 0.85 | R | 27 | D80N4 |
| 56 | 127 | 24.47 | 2800 | 1.00 | RF | 27 | D80N4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 62 | 116 | 22.32 | 2750 | 1.10 | | | |
| 71 | 100 | 19.35 | 2670 | 1.30 | | | |
| 76 | 94 | 18.08 | 2630 | 1.40 | | | |
| 88 | 81 | 15.63 | 2550 | 1.60 | | | |
| 104 | 69 | 13.28 | 2450 | 1.90 | | | |
| 116 | 62 | 11.86 | 2380 | 2.1 | R | 27 | D80N4 |
| 136 | 53 | 10.13 | 2290 | 2.3 | RF | 27 | D80N4 |
| 147 | 49 | 9.41 | 2210 | 2.5 | | | |
| 169 | 42 | 8.16 | 2130 | 2.7 | | | |
| 181 | 40 | 7.63 | 2090 | 2.8 | | | |
| 209 | 34 | 6.59 | 2010 | 3.1 | | | |
| 246 | 29 | 5.60 | 1930 | 3.4 | | | |
| 276 | 26 | 5.00 | 1870 | 3.7 | | | |
| 70 | 102 | 19.71 | 465 | 0.85 | | | |
| 81 | 88 | 16.99 | 1390 | 0.95 | | | |
| 87 | 82 | 15.84 | 1380 | 1.05 | | | |
| 100 | 72 | 13.84 | 1370 | 1.20 | | | |
| 106 | 67 | 12.98 | 1360 | 1.25 | | | |
| 121 | 59 | 11.45 | 1350 | 1.35 | | | |
| 136 | 53 | 10.15 | 1320 | 1.45 | R | 17 | D80N4 |
| 160 | 45 | 8.63 | 1290 | 1.60 | RF | 17 | D80N4 |
| 183 | 39 | 7.55 | 1200 | 1.45 | | | |
| 196 | 37 | 7.04 | 1180 | 1.50 | | | |
| 224 | 32 | 6.15 | 1160 | 1.70 | | | |
| 239 | 30 | 5.76 | 1150 | 1.75 | | | |
| 271 | 26 | 5.09 | 1120 | 1.95 | | | |
| 306 | 23 | 4.51 | 1090 | 2.0 | | | |
| 360 | 20 | 3.83 | 1060 | 2.3 | | | |
| 236 | 30 | 11.45 | 1200 | 2.7 | | | |
| 266 | 27 | 10.15 | 1170 | 2.9 | | | |
| 313 | 23 | 8.63 | 1130 | 3.1 | | | |
| 358 | 20 | 7.55 | 1060 | 2.8 | | | |
| 384 | 19 | 7.04 | 1040 | 2.9 | R | 17 | D80K2 |
| 439 | 16 | 6.15 | 1010 | 3.3 | RF | 17 | D80K2 |
| 468 | 15 | 5.76 | 990 | 3.5 | | | |
| 531 | 14 | 5.09 | 960 | 3.8 | | | |
| 599 | 12 | 4.51 | 930 | 4.0 | | | |
| 704 | 10 | 3.83 | 890 | 4.4 | | | |
| 199 | 36 | 4.53 | 4260 | 2.3 | | | |
| 209 | 34 | 4.30 | 4200 | 2.3 | RX | 67 | D90S6 |
| 239 | 30 | 3.77 | 4040 | 2.9 | RXF | 67 | D90S6 |
| 281 | 26 | 3.20 | 3840 | 3.9 | | | |
| 267 | 27 | 5.18 | 3900 | 2.8 | | | |
| 305 | 24 | 4.53 | 3750 | 3.5 | | | |
| 321 | 22 | 4.30 | 3690 | 3.6 | | | |
| 366 | 20 | 3.77 | 3540 | 4.4 | | | |
| 431 | 17 | 3.20 | 3360 | 6.0 | RX | 67 | D80N4 |
| 478 | 15 | 2.89 | 3260 | 7.1 | RXF | 67 | D80N4 |
| 543 | 13 | 2.54 | 3130 | 8.9 | | | |
| 575 | 13 | 2.40 | 3070 | 9.8 | | | |
| 675 | 11 | 2.04 | 2920 | 13 | | | |
| 743 | 9.6 | 1.86 | 2830 | 13 | | | |
| 858 | 8.3 | 1.61 | 2700 | 14 | | | |
| 238 | 30 | 3.79 | 3240 | 2.3 | | | |
| 254 | 28 | 3.55 | 3180 | 2.4 | RX | 57 | D90S6 |
| 287 | 25 | 3.14 | 3060 | 2.6 | RXF | 57 | D90S6 |
| 309 | 23 | 2.91 | 3000 | 2.9 | | | |
| 341 | 21 | 2.64 | 2910 | 3.3 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 317 | 23 | 4.35 | 2980 | 3.0 | | | |
| 364 | 20 | 3.79 | 2860 | 3.5 | | | |
| 389 | 18 | 3.55 | 2800 | 3.8 | | | |
| 440 | 16 | 3.14 | 2700 | 4.0 | | | |
| 474 | 15 | 2.91 | 2630 | 4.4 | | | |
| 523 | 14 | 2.64 | 2560 | 5.0 | RX | 57 | D80N4 |
| 582 | 12 | 2.37 | 2470 | 5.6 | RXF | 57 | D80N4 |
| 676 | 11 | 2.04 | 2360 | 6.5 | | | |
| 719 | 10 | 1.92 | 2310 | 6.9 | | | |
| 835 | 8.6 | 1.65 | 2210 | 8.0 | | | |
| 935 | 7.7 | 1.48 | 2130 | 8.8 | | | |
| 1060 | 6.8 | 1.30 | 2050 | 9.3 | | | |
| **1.1kW** | | | | | | | |
| 0.53 | 17700 | 2657 | 120000 | 1.00 | | | |
| 0.60 | 15400 | 2333 | 120000 | 1.15 | | | |
| 0.67 | 13700 | 2085 | 120000 | 1.30 | | | |
| 0.75 | 12300 | 1877 | 120000 | 1.45 | R | 167 | R97 D90S4 |
| 0.84 | 10900 | 1670 | 120000 | 1.65 | RF | 167 | R97 D90S4 |
| 0.97 | 9600 | 1438 | 120000 | 1.90 | | | |
| 1.1 | 8540 | 1279 | 120000 | 2.1 | | | |
| 1.2 | 7420 | 1123 | 120000 | 2.4 | | | |
| 0.63 | 15000 | 2211 | 50100 | 0.85 | R | 147 | R77 D90S4 |
| 0.72 | 13300 | 1951 | 62100 | 1.00 | RF | 147 | R77 D90S4 |
| 0.82 | 11500 | 1705 | 65500 | 1.15 | | | |
| 0.91 | 10300 | 1536 | 67300 | 1.25 | | | |
| 1.0 | 8940 | 1329 | 69200 | 1.45 | | | |
| 1.2 | 7810 | 1166 | 70500 | 1.65 | R | 147 | R77 D90S4 |
| 1.4 | 6870 | 1029 | 71500 | 1.90 | RF | 147 | R77 D90S4 |
| 1.6 | 5950 | 889 | 72200 | 2.2 | | | |
| 1.8 | 5240 | 784 | 72800 | 2.5 | | | |
| 2.0 | 4630 | 695 | 73200 | 2.8 | | | |
| 1.0 | 9480 | 1391 | 44400 | 0.85 | | | |
| 1.1 | 8550 | 1256 | 51600 | 0.95 | R | 137 | R77 D90S4 |
| 1.3 | 7500 | 1105 | 54400 | 1.05 | RF | 137 | R77 D90S4 |
| 1.3 | 7080 | 1043 | 55200 | 1.15 | | | |
| 1.6 | 6010 | 888 | 57000 | 1.35 | | | |
| 1.0 | 9470 | 1397 | 44600 | 0.85 | | | |
| 1.1 | 8290 | 1226 | 52700 | 0.95 | | | |
| 1.3 | 7390 | 1090 | 54600 | 1.10 | | | |
| 1.5 | 6450 | 951 | 56300 | 1.25 | R | 137 | R77 D90S4 |
| 1.7 | 5590 | 831 | 57600 | 1.45 | RF | 137 | R77 D90S4 |
| 1.9 | 4890 | 730 | 58500 | 1.65 | | | |
| 2.2 | 4190 | 629 | 59300 | 1.90 | | | |
| 2.5 | 3770 | 560 | 59700 | 2.1 | | | |
| 2.8 | 3270 | 490 | 60100 | 2.5 | | | |
| 2.0 | 4870 | 717 | 20200 | 0.90 | R | 107 | R77 D90S4 |
| | | | | | RF | 107 | R77 D90S4 |
| 2.3 | 4100 | 614 | 30500 | 1.05 | | | |
| 2.6 | 3630 | 544 | 32700 | 1.20 | | | |
| 2.8 | 3280 | 492 | 34000 | 1.30 | | | |
| 3.3 | 2780 | 417 | 35600 | 1.55 | R | 107 | R77 D90S4 |
| 3.8 | 2480 | 369 | 36200 | 1.75 | RF | 107 | R77 D90S4 |
| 4.3 | 2170 | 323 | 36600 | 2.0 | | | |
| 4.9 | 1910 | 285 | 36900 | 2.2 | | | |
| 5.5 | 1690 | 253 | 37100 | 2.5 | | | |
| 3.2 | 2930 | 431 | 21400 | 1.00 | | | |
| 3.7 | 2580 | 379 | 23700 | 1.15 | | | |
| 4.2 | 2290 | 336 | 25100 | 1.30 | R | 97 | R57 D90S4 |
| 4.7 | 2010 | 296 | 26300 | 1.50 | RF | 97 | R57 D90S4 |
| 5.6 | 1680 | 249 | 27400 | 1.80 | | | |
| 6.0 | 1570 | 234 | 27500 | 1.90 | | | |
| 6.7 | 1400 | 209 | 27800 | 2.1 | | | |
| 5.2 | 1810 | 268 | 13900 | 0.85 | R | 87 | R57 D90S4 |
| 5.9 | 1600 | 236 | 16600 | 0.95 | RF | 87 | R57 D90S4 |
| 6.7 | 1400 | 209 | 17900 | 1.10 | | | |
| 5.5 | 1760 | 256 | 15300 | 0.90 | R | 87 | R57 D90S4 |
| 6.0 | 1590 | 232 | 16600 | 0.95 | RF | 87 | R57 D90S4 |
| 7.2 | 1350 | 195 | 18200 | 1.15 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 2.7 | 3880 | 251.15 | 31600 | 1.10 | | | |
| 3.0 | 3550 | 229.95 | 33000 | 1.20 | R | 107 | D100L8 |
| 3.3 | 3140 | 203.16 | 34500 | 1.35 | RF | 107 | D100L8 |
| 4.0 | 2660 | 172.34 | 35900 | 1.60 | | | |
| 3.6 | 2920 | 255.71 | 21500 | 1.05 | | | |
| 3.8 | 2750 | 241.25 | 22600 | 1.10 | R | 97 | D90L6 |
| 4.2 | 2470 | 216.28 | 24200 | 1.20 | RF | 97 | D90L6 |
| 4.9 | 2130 | 186.30 | 25900 | 1.40 | | | |
| 5.5 | 1920 | 255.71 | 26700 | 1.55 | | | |
| 5.8 | 1810 | 241.25 | 27100 | 1.65 | | | |
| 6.5 | 1620 | 216.28 | 27500 | 1.85 | | | |
| 7.5 | 1400 | 186.30 | 27800 | 2.2 | R | 97 | D90S4 |
| 8.2 | 1280 | 170.02 | 27900 | 2.3 | RF | 97 | D90S4 |
| 9.3 | 1130 | 150.78 | 28100 | 2.7 | | | |
| 11 | 950 | 126.75 | 28300 | 3.2 | | | |
| 12 | 870 | 116.48 | 28300 | 3.4 | | | |
| 6.5 | 1620 | 216.54 | 16400 | 0.95 | R | 87 | D90S4 |
| 6.8 | 1540 | 205.71 | 17000 | 1.00 | RF | 87 | D90S4 |
| 7.7 | 1360 | 181.77 | 18100 | 1.15 | | | |
| 9.0 | 1170 | 155.34 | 19100 | 1.35 | | | |
| 9.8 | 1070 | 142.41 | 19600 | 1.45 | | | |
| 11 | 940 | 124.97 | 20000 | 1.65 | | | |
| 12 | 890 | 118.43 | 20000 | 1.75 | | | |
| 14 | 780 | 103.65 | 20000 | 2.0 | R | 87 | D90S4 |
| 15 | 700 | 93.38 | 20000 | 2.2 | RF | 87 | D90S4 |
| 17 | 615 | 81.92 | 20000 | 2.5 | | | |
| 19 | 545 | 72.57 | 20000 | 2.8 | | | |
| 22 | 480 | 63.68 | 20000 | 3.2 | | | |
| 23 | 455 | 60.35 | 20000 | 3.4 | | | |
| 27 | 395 | 52.82 | 20000 | 3.9 | | | |
| 12 | 910 | 121.42 | 8990 | 0.90 | R | 77 | D90S4 |
| 14 | 775 | 102.99 | 10300 | 1.05 | RF | 77 | D90S4 |
| 15 | 700 | 92.97 | 10900 | 1.20 | | | |
| 17 | 615 | 81.80 | 11500 | 1.35 | | | |
| 18 | 580 | 77.24 | 11700 | 1.40 | | | |
| 21 | 495 | 65.77 | 12100 | 1.65 | | | |
| 24 | 435 | 57.68 | 12400 | 1.90 | R | 77 | D90S4 |
| 27 | 390 | 52.07 | 12500 | 2.1 | RF | 77 | D90S4 |
| 31 | 345 | 45.81 | 12700 | 2.4 | | | |
| 32 | 325 | 43.26 | 12700 | 2.5 | | | |
| 38 | 275 | 36.83 | 12900 | 3.0 | | | |
| 42 | 250 | 33.47 | 12900 | 3.3 | | | |
| 16 | 645 | 86.11 | 6820 | 0.95 | | | |
| 19 | 555 | 74.17 | 8040 | 1.10 | | | |
| 20 | 525 | 69.75 | 8370 | 1.15 | | | |
| 23 | 460 | 61.26 | 8920 | 1.30 | | | |
| 25 | 425 | 56.89 | 9160 | 1.40 | R | 67 | D90S4 |
| 27 | 385 | 51.56 | 9420 | 1.55 | RF | 67 | D90S4 |
| 30 | 345 | 46.29 | 9650 | 1.75 | | | |
| 35 | 300 | 39.88 | 9890 | 1.95 | | | |
| 37 | 280 | 37.50 | 9970 | 2.0 | | | |
| 43 | 240 | 32.27 | 10100 | 2.2 | | | |
| 49 | 215 | 28.83 | 10200 | 2.4 | | | |
| 50 | 210 | 28.13 | 10200 | 2.6 | | | |
| 52 | 200 | 26.72 | 10100 | 2.7 | R | 67 | D90S4 |
| 60 | 176 | 23.44 | 9730 | 3.2 | RF | 67 | D90S4 |
| 70 | 149 | 19.89 | 9270 | 4.0 | | | |
| 20 | 520 | 69.23 | 5990 | 0.85 | R | 57 | D90S4 |
| 22 | 485 | 64.85 | 6850 | 0.90 | RF | 57 | D90S4 |
| 24 | 430 | 57.29 | 6700 | 1.05 | | | |
| 26 | 400 | 53.22 | 6610 | 1.15 | | | |
| 29 | 360 | 48.30 | 6490 | 1.25 | | | |
| 32 | 325 | 43.30 | 6350 | 1.40 | R | 57 | D90S4 |
| 38 | 280 | 37.30 | 6140 | 1.60 | RF | 57 | D90S4 |
| 40 | 265 | 35.07 | 6060 | 1.70 | | | |
| 46 | 225 | 30.18 | 5850 | 2.0 | | | |
| 52 | 200 | 26.97 | 5690 | 2.2 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 53 | 197 | 26.31 | 5650 | 2.3 | R | 57 | D90S4 |
| 56 | 188 | 24.99 | 5580 | 2.4 | RF | 57 | D90S4 |
| 64 | 165 | 21.93 | 5400 | 2.7 | | | |
| 75 | 140 | 18.60 | 5170 | 3.2 | | | |
| 83 | 126 | 16.79 | 5030 | 3.6 | | | |
| 29 | 360 | 47.75 | 3500 | 0.85 | R | 47 | D90S4 |
| 33 | 320 | 42.87 | 4850 | 0.95 | RF | 47 | D90S4 |
| 38 | 275 | 36.93 | 4720 | 1.10 | | | |
| 40 | 260 | 34.73 | 4660 | 1.15 | | | |
| 47 | 225 | 29.88 | 4520 | 1.35 | | | |
| 52 | 200 | 26.70 | 4410 | 1.50 | | | |
| 59 | 177 | 23.59 | 4290 | 1.70 | | | |
| 60 | 175 | 23.28 | 4270 | 1.70 | R | 47 | D90S4 |
| 64 | 164 | 21.81 | 4210 | 1.85 | RF | 47 | D90S4 |
| 73 | 145 | 19.27 | 4080 | 2.0 | | | |
| 78 | 134 | 17.89 | 4010 | 2.2 | | | |
| 86 | 122 | 16.22 | 3910 | 2.3 | | | |
| 96 | 109 | 14.56 | 3800 | 2.4 | | | |
| 112 | 94 | 12.54 | 3650 | 2.7 | | | |
| 119 | 89 | 11.79 | 3590 | 2.8 | | | |
| 138 | 76 | 10.15 | 3450 | 3.0 | | | |
| 154 | 68 | 9.07 | 3340 | 3.2 | | | |
| 43 | 245 | 32.40 | 2900 | 0.80 | R | 37 | D90S4 |
| 49 | 215 | 28.73 | 3300 | 0.95 | RF | 37 | D90S4 |
| 57 | 183 | 24.42 | 3720 | 1.10 | | | |
| 73 | 145 | 19.31 | 3840 | 1.40 | R | 37 | D90S4 |
| 78 | 135 | 18.05 | 3790 | 1.50 | RF | 37 | D90S4 |
| 90 | 117 | 15.60 | 3660 | 1.70 | | | |
| 106 | 99 | 13.25 | 3520 | 1.90 | R | 37 | D90S4 |
| 118 | 89 | 11.83 | 3430 | 2.1 | RF | 37 | D90S4 |
| 139 | 76 | 10.11 | 3290 | 2.2 | | | |
| 148 | 71 | 9.47 | 3230 | 2.3 | | | |
| 176 | 60 | 7.97 | 3090 | 2.6 | | | |
| 210 | 50 | 6.67 | 2920 | 2.9 | | | |
| 247 | 43 | 5.67 | 2790 | 3.3 | | | |
| 277 | 38 | 5.06 | 2700 | 3.5 | | | |
| 72 | 145 | 19.35 | 2430 | 0.90 | R | 27 | D90S4 |
| 77 | 136 | 18.08 | 2410 | 0.95 | RF | 27 | D90S4 |
| 90 | 117 | 15.63 | 2360 | 1.10 | | | |
| 105 | 100 | 13.28 | 2290 | 1.30 | | | |
| 118 | 89 | 11.86 | 2240 | 1.45 | | | |
| 138 | 76 | 10.13 | 2160 | 1.60 | | | |
| 172 | 61 | 8.16 | 2010 | 1.90 | | | |
| 184 | 57 | 7.63 | 1980 | 1.95 | | | |
| 212 | 50 | 6.59 | 1920 | 2.1 | | | |
| 250 | 42 | 5.60 | 1840 | 2.4 | | | |
| 280 | 38 | 5.00 | 1790 | 2.5 | | | |
| 328 | 32 | 4.27 | 1720 | 2.7 | | | |
| 350 | 30 | 4.00 | 1690 | 2.8 | | | |
| 415 | 25 | 3.37 | 1610 | 3.1 | | | |
| 203 | 52 | 13.28 | 1980 | 2.5 | R | 27 | D80N2 |
| 228 | 46 | 11.86 | 1920 | 2.8 | RF | 27 | D80N2 |
| 267 | 39 | 10.13 | 1840 | 3.1 | | | |
| 287 | 37 | 9.41 | 1780 | 3.3 | | | |
| 331 | 32 | 8.16 | 1720 | 3.7 | | | |
| 354 | 30 | 7.63 | 1690 | 3.8 | | | |
| 410 | 26 | 6.59 | 1620 | 4.1 | | | |
| 482 | 22 | 5.60 | 1550 | 4.5 | | | |
| 540 | 20 | 5.00 | 1500 | 4.9 | | | |
| 632 | 17 | 4.27 | 1430 | 5.2 | | | |
| 675 | 16 | 4.00 | 1410 | 5.4 | | | |
| 801 | 13 | 3.37 | 1340 | 6.0 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 137 | 77 | 19.71 | 1150 | 1.10 | | | |
| 159 | 66 | 16.99 | 1140 | 1.30 | | | |
| 170 | 62 | 15.84 | 1140 | 1.40 | | | |
| 195 | 54 | 13.84 | 1120 | 1.60 | | | |
| 208 | 51 | 12.98 | 1120 | 1.70 | | | |
| 236 | 45 | 11.45 | 1100 | 1.80 | | | |
| 266 | 40 | 10.15 | 1080 | 1.95 | R | 17 | D80N2 |
| 313 | 34 | 8.63 | 1050 | 2.1 | RF | 17 | D80N2 |
| 358 | 29 | 7.55 | 970 | 1.90 | | | |
| 384 | 27 | 7.04 | 960 | 2.0 | | | |
| 439 | 24 | 6.15 | 940 | 2.3 | | | |
| 468 | 22 | 5.76 | 930 | 2.4 | | | |
| 531 | 20 | 5.09 | 910 | 2.6 | | | |
| 599 | 18 | 4.51 | 880 | 2.7 | | | |
| 704 | 15 | 3.83 | 850 | 3.0 | | | |
| 249 | 42 | 5.63 | 5680 | 2.6 | RX | 77 | D90S4 |
| 262 | 40 | 5.35 | 5590 | 2.6 | RXF | 77 | D90S4 |
| 296 | 36 | 4.73 | 5380 | 3.5 | | | |
| 203 | 52 | 4.53 | 4130 | 1.60 | RX | 67 | D90L6 |
| 214 | 49 | 4.30 | 4070 | 1.65 | RXF | 67 | D90L6 |
| 244 | 43 | 3.77 | 3920 | 2.0 | | | |
| 309 | 34 | 4.53 | 3660 | 2.4 | RX | 67 | D90S4 |
| 326 | 32 | 4.30 | 3610 | 2.5 | RXF | 67 | D90S4 |
| 371 | 28 | 3.77 | 3470 | 3.1 | | | |
| 438 | 24 | 3.20 | 3300 | 4.2 | | | |
| 485 | 22 | 2.89 | 3200 | 4.9 | | | |
| 551 | 19 | 2.54 | 3070 | 6.2 | | | |
| 583 | 18 | 2.40 | 3020 | 6.8 | | | |
| 685 | 15 | 2.04 | 2870 | 8.8 | | | |
| 754 | 14 | 1.86 | 2780 | 9.1 | | | |
| 870 | 12 | 1.61 | 2660 | 9.4 | | | |
| 1000 | 11 | 1.40 | 2550 | 9.9 | | | |
| 243 | 43 | 3.79 | 3120 | 1.60 | RX | 57 | D90L6 |
| 259 | 41 | 3.55 | 3060 | 1.70 | RXF | 57 | D90L6 |
| 293 | 36 | 3.14 | 2960 | 1.80 | | | |
| 316 | 33 | 2.91 | 2900 | 2.0 | | | |
| 348 | 30 | 2.64 | 2820 | 2.3 | | | |
| 369 | 28 | 3.79 | 2780 | 2.4 | RX | 57 | D90S4 |
| 394 | 27 | 3.55 | 2730 | 2.6 | RXF | 57 | D90S4 |
| 446 | 24 | 3.14 | 2630 | 2.8 | | | |
| 481 | 22 | 2.91 | 2570 | 3.1 | | | |
| 530 | 20 | 2.64 | 2500 | 3.5 | | | |
| 591 | 18 | 2.37 | 2420 | 3.9 | | | |
| 686 | 15 | 2.04 | 2310 | 4.5 | | | |
| 729 | 14 | 1.92 | 2270 | 4.8 | | | |
| 847 | 12 | 1.65 | 2160 | 5.6 | | | |
| 948 | 11 | 1.48 | 2090 | 6.1 | | | |
| 1075 | 9.8 | 1.30 | 2010 | 6.4 | | | |
| **1.5kW** | | | | | | | |
| 0.60 | 21200 | 2333 | 120000 | 0.85 | R | 167 R97 | D90L4 |
| 0.68 | 18800 | 2085 | 120000 | 0.95 | RF | 167 R97 | D90L4 |
| 0.75 | 16900 | 1877 | 120000 | 1.05 | | | |
| 0.84 | 15000 | 1670 | 120000 | 1.20 | | | |
| 0.98 | 13100 | 1438 | 120000 | 1.35 | | | |
| 1.1 | 11700 | 1279 | 120000 | 1.55 | | | |
| 1.3 | 10200 | 1123 | 120000 | 1.75 | | | |
| 1.4 | 9060 | 999 | 120000 | 2.0 | | | |
| 3.3 | 3870 | 426 | 73600 | 3.4 | R | 147 R87 | D90L4 |
| 3.8 | 3340 | 368 | 73900 | 3.9 | RF | 147 R87 | D90L4 |
| 0.83 | 15700 | 1705 | 41200 | 0.85 | R | 147 R77 | D90L4 |
| 0.92 | 14100 | 1536 | 60300 | 0.90 | RF | 147 R77 | D90L4 |
| 1.1 | 12200 | 1329 | 64200 | 1.05 | | | |
| 1.2 | 10700 | 1166 | 66800 | 1.20 | | | |
| 1.4 | 9410 | 1029 | 68600 | 1.40 | | | |
| 1.6 | 8140 | 889 | 70100 | 1.60 | | | |
| 1.8 | 7170 | 784 | 71200 | 1.80 | | | |
| 2.0 | 6340 | 695 | 71900 | 2.0 | | | |
| 2.3 | 5700 | 619 | 72400 | 2.3 | | | |
| 2.5 | 5130 | 558 | 72900 | 2.5 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 1.4 | 9650 | 1043 | 41200 | 0.85 | R | 137 R77 | D90L4 |
| 1.6 | 8200 | 888 | 52900 | 1.00 | RF | 137 R77 | D90L4 |
| 2.0 | 6440 | 699 | 56300 | 1.25 | | | |
| 2.3 | 5590 | 609 | 57600 | 1.45 | | | |
| 1.3 | 10100 | 1090 | 32300 | 0.80 | R | 137 R77 | D90L4 |
| 1.5 | 8790 | 951 | 50600 | 0.90 | RF | 137 R77 | D90L4 |
| 1.7 | 7640 | 831 | 54100 | 1.05 | | | |
| 1.9 | 6680 | 730 | 55900 | 1.20 | | | |
| 2.2 | 5740 | 629 | 57400 | 1.40 | | | |
| 2.5 | 5150 | 560 | 58200 | 1.55 | | | |
| 2.9 | 4470 | 490 | 59000 | 1.80 | | | |
| 3.3 | 3910 | 428 | 59600 | 2.0 | | | |
| 3.7 | 3510 | 381 | 59900 | 2.3 | | | |
| 4.4 | 2980 | 323 | 60400 | 2.7 | | | |
| 2.7 | 4860 | 528 | 20600 | 0.90 | R | 107 R77 | D90L4 |
| | | | | | RF | 107 R77 | D90L4 |
| 2.6 | 4970 | 544 | 14800 | 0.85 | R | 107 R77 | D90L4 |
| 2.9 | 4490 | 492 | 28400 | 0.95 | RF | 107 R77 | D90L4 |
| 3.4 | 3810 | 417 | 31900 | 1.15 | | | |
| 3.8 | 3390 | 369 | 33600 | 1.25 | | | |
| 4.4 | 2960 | 323 | 35100 | 1.45 | | | |
| 3.0 | 4410 | 469 | 28900 | 1.00 | R | 107 R77 | D90L4 |
| | | | | | RF | 107 R77 | D90L4 |
| 4.2 | 3120 | 336 | 14600 | 0.95 | R | 97 R57 | D90L4 |
| 4.8 | 2740 | 296 | 22700 | 1.10 | RF | 97 R57 | D90L4 |
| 5.7 | 2300 | 249 | 25100 | 1.30 | | | |
| 6.0 | 2150 | 234 | 25800 | 1.40 | | | |
| 6.8 | 1920 | 209 | 26700 | 1.55 | | | |
| 3.0 | 4710 | 229.95 | 26500 | 0.90 | R | 107 | D112M8 |
| 3.5 | 4160 | 203.16 | 30200 | 1.05 | RF | 107 | D112M8 |
| 4.1 | 3530 | 172.34 | 33100 | 1.20 | | | |
| 4.4 | 3250 | 158.68 | 34100 | 1.30 | | | |
| 3.7 | 3910 | 251.15 | 31400 | 1.10 | R | 107 | D100M6 |
| 4.0 | 3580 | 229.95 | 32900 | 1.20 | RF | 107 | D100M6 |
| 4.5 | 3610 | 203.16 | 34400 | 1.35 | | | |
| 5.3 | 2680 | 172.34 | 35900 | 1.60 | | | |
| 5.8 | 2470 | 158.68 | 36200 | 1.75 | | | |
| 6.5 | 2210 | 141.83 | 36500 | 1.95 | | | |
| 5.5 | 2600 | 255.71 | 23500 | 1.15 | R | 97 | D90L4 |
| 5.8 | 2450 | 241.25 | 24300 | 1.20 | RF | 97 | D90L4 |
| 6.5 | 2200 | 216.28 | 25600 | 1.35 | | | |
| 7.6 | 1890 | 186.30 | 26800 | 1.60 | | | |
| 8.3 | 1730 | 170.02 | 27300 | 1.75 | | | |
| 9.4 | 1530 | 150.78 | 27600 | 1.95 | | | |
| 11 | 1290 | 126.75 | 27900 | 2.3 | | | |
| 12 | 1180 | 116.48 | 28000 | 2.5 | | | |
| 14 | 1050 | 103.44 | 28200 | 2.8 | | | |
| 15 | 940 | 92.48 | 28300 | 3.2 | | | |
| 7.8 | 1850 | 181.77 | 11400 | 0.85 | R | 87 | D90L4 |
| 9.1 | 1580 | 155.34 | 16700 | 1.00 | RF | 87 | D90L4 |
| 9.9 | 1450 | 142.41 | 17600 | 1.05 | | | |
| 11 | 1270 | 124.97 | 18600 | 1.20 | | | |
| 12 | 1200 | 118.43 | 19000 | 1.30 | | | |
| 14 | 1050 | 103.65 | 19600 | 1.45 | | | |
| 15 | 950 | 93.38 | 20000 | 1.65 | R | 87 | D90L4 |
| 17 | 830 | 81.92 | 20000 | 1.85 | RF | 87 | D90L4 |
| 19 | 735 | 72.57 | 20000 | 2.1 | | | |
| 22 | 645 | 63.68 | 20000 | 2.4 | | | |
| 23 | 615 | 60.35 | 20000 | 2.5 | | | |
| 27 | 535 | 52.82 | 20000 | 2.9 | | | |
| 30 | 485 | 47.58 | 20000 | 3.2 | | | |
| 34 | 425 | 41.74 | 20000 | 3.7 | | | |
| 38 | 375 | 36.84 | 19600 | 4.1 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 15 | 940 | 92.97 | 8500 | 0.85 | R | 77 | D90L4 |
| 17 | 830 | 81.80 | 9820 | 1.00 | RF | 77 | D90L4 |
| 18 | 785 | 77.24 | 10200 | 1.05 | | | |
| 21 | 670 | 65.77 | 11100 | 1.25 | | | |
| 24 | 585 | 57.68 | 11600 | 1.40 | R | 77 | D90L4 |
| 27 | 530 | 52.07 | 11900 | 1.55 | RF | 77 | D90L4 |
| 31 | 465 | 45.81 | 12200 | 1.75 | | | |
| 33 | 440 | 43.26 | 12300 | 1.85 | | | |
| 38 | 375 | 36.83 | 12600 | 2.2 | | | |
| 42 | 340 | 33.47 | 12700 | 2.4 | | | |
| 49 | 295 | 29.00 | 12500 | 2.8 | | | |
| 56 | 255 | 25.23 | 12000 | 3.0 | | | |
| 60 | 240 | 23.37 | 11800 | 3.5 | R | 77 | D90L4 |
| 66 | 220 | 21.43 | 11500 | 3.8 | RF | 77 | D90L4 |
| 75 | 191 | 18.80 | 11000 | 4.1 | | | |
| 23 | 620 | 61.26 | 7280 | 0.95 | R | 67 | D90L4 |
| 25 | 580 | 56.89 | 7810 | 1.05 | RF | 67 | D90L4 |
| 27 | 525 | 51.56 | 8370 | 1.15 | | | |
| 30 | 470 | 46.29 | 8830 | 1.30 | | | |
| 35 | 405 | 39.88 | 9300 | 1.45 | | | |
| 38 | 380 | 37.50 | 9460 | 1.50 | | | |
| 44 | 330 | 32.27 | 9750 | 1.65 | | | |
| 49 | 295 | 28.83 | 9920 | 1.80 | | | |
| 50 | 285 | 28.13 | 9950 | 1.90 | R | 67 | D90L4 |
| 53 | 270 | 26.72 | 9850 | 2.0 | RF | 67 | D90L4 |
| 60 | 240 | 23.44 | 9500 | 2.3 | | | |
| 71 | 200 | 19.89 | 9070 | 3.0 | | | |
| 79 | 182 | 17.95 | 8810 | 3.2 | | | |
| 27 | 540 | 53.22 | 5140 | 0.85 | R | 57 | D90L4 |
| 29 | 490 | 48.23 | 6010 | 0.90 | RF | 57 | D90L4 |
| 33 | 440 | 43.30 | 5920 | 1.00 | | | |
| 38 | 380 | 37.30 | 5770 | 1.20 | R | 57 | D90L4 |
| 40 | 355 | 35.07 | 5710 | 1.25 | RF | 57 | D90L4 |
| 47 | 305 | 30.18 | 5540 | 1.45 | | | |
| 52 | 275 | 26.97 | 5420 | 1.65 | | | |
| 54 | 265 | 26.31 | 5390 | 1.70 | R | 57 | D90L4 |
| 56 | 255 | 24.99 | 5330 | 1.75 | RF | 57 | D90L4 |
| 64 | 225 | 21.93 | 5170 | 2.0 | | | |
| 76 | 189 | 18.60 | 4980 | 2.4 | | | |
| 84 | 171 | 16.79 | 4850 | 2.6 | | | |
| 95 | 150 | 14.77 | 4700 | 2.9 | | | |
| 101 | 142 | 13.95 | 4630 | 3.0 | | | |
| 119 | 121 | 11.88 | 4440 | 3.4 | | | |
| 38 | 375 | 36.93 | 2380 | 0.80 | R | 47 | D90L4 |
| 41 | 355 | 34.73 | 3840 | 0.85 | RF | 47 | D90L4 |
| 47 | 305 | 29.88 | 4220 | 1.00 | | | |
| 53 | 270 | 26.70 | 4140 | 1.10 | | | |
| 60 | 240 | 23.59 | 4050 | 1.25 | | | |
| 61 | 235 | 23.28 | 4040 | 1.25 | R | 47 | D90L4 |
| 65 | 220 | 21.81 | 3990 | 1.35 | RF | 47 | D90L4 |
| 73 | 196 | 19.27 | 3890 | 1.50 | | | |
| 79 | 182 | 17.89 | 3830 | 1.60 | | | |
| 87 | 165 | 16.22 | 3740 | 1.65 | | | |
| 97 | 148 | 14.56 | 3650 | 1.80 | | | |
| 112 | 127 | 12.54 | 3520 | 1.95 | | | |
| 120 | 120 | 11.79 | 3470 | 2.0 | | | |
| 139 | 103 | 10.15 | 3340 | 2.2 | | | |
| 155 | 92 | 9.07 | 3240 | 2.4 | | | |
| 176 | 81 | 8.01 | 3140 | 2.5 | | | |
| 182 | 79 | 7.76 | 3060 | 2.1 | | | |
| 203 | 71 | 6.96 | 2980 | 2.2 | | | |
| 235 | 61 | 6.00 | 2860 | 2.6 | | | |
| 250 | 57 | 5.64 | 2810 | 2.7 | | | |
| 291 | 49 | 4.85 | 2700 | 3.0 | | | |
| 325 | 44 | 4.34 | 2610 | 3.3 | | | |
| 368 | 39 | 3.83 | 2520 | 3.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 73 | 196 | 19.31 | 2660 | 1.00 | R | 37 | D90L4 |
| 78 | 183 | 18.05 | 2840 | 1.10 | RF | 37 | D90L4 |
| 90 | 159 | 15.60 | 3160 | 1.25 | | | |
| 106 | 135 | 13.25 | 3350 | 1.40 | | | |
| 119 | 120 | 11.83 | 3270 | 1.50 | | | |
| 140 | 103 | 10.11 | 3160 | 1.65 | | | |
| 149 | 96 | 9.47 | 3110 | 1.75 | | | |
| 177 | 81 | 7.97 | 2980 | 1.95 | R | 37 | D90L4 |
| 211 | 68 | 6.67 | 2820 | 2.1 | RF | 37 | D90L4 |
| 249 | 58 | 5.67 | 2710 | 2.5 | | | |
| 279 | 51 | 5.06 | 2630 | 2.6 | | | |
| 326 | 44 | 4.32 | 2520 | 2.9 | | | |
| 348 | 41 | 4.05 | 2470 | 3.0 | | | |
| 414 | 35 | 3.41 | 2360 | 3.2 | | | |
| 204 | 70 | 13.25 | 2880 | 2.7 | | | |
| 228 | 63 | 11.83 | 2790 | 2.9 | R | 37 | D90S2 |
| 267 | 54 | 10.11 | 2680 | 3.2 | RF | 37 | D90S2 |
| 285 | 50 | 9.47 | 2630 | 3.3 | | | |
| 339 | 42 | 7.97 | 2510 | 3.7 | | | |
| 90 | 159 | 15.63 | 1700 | 0.80 | | | |
| 106 | 135 | 13.28 | 2020 | 0.95 | | | |
| 119 | 121 | 11.86 | 2080 | 1.05 | | | |
| 139 | 103 | 10.13 | 2030 | 1.20 | | | |
| 173 | 83 | 8.16 | 1880 | 1.40 | | | |
| 185 | 78 | 7.63 | 1860 | 1.45 | R | 27 | D90L4 |
| 214 | 67 | 6.59 | 1810 | 1.60 | RF | 27 | D90L4 |
| 252 | 57 | 5.60 | 1750 | 1.75 | | | |
| 282 | 51 | 5.00 | 1710 | 1.85 | | | |
| 330 | 43 | 4.27 | 1650 | 2.0 | | | |
| 353 | 41 | 4.00 | 1630 | 2.1 | | | |
| 418 | 34 | 3.37 | 1560 | 2.3 | | | |
| 228 | 63 | 11.86 | 1840 | 2.10 | | | |
| 267 | 54 | 10.13 | 1770 | 2.3 | | | |
| 331 | 43 | 8.16 | 1650 | 2.7 | | | |
| 354 | 41 | 7.63 | 1620 | 2.8 | | | |
| 410 | 35 | 6.59 | 1570 | 3.0 | R | 27 | D90S2 |
| 482 | 30 | 5.60 | 1500 | 3.3 | RF | 27 | D90S2 |
| 540 | 27 | 5.00 | 1460 | 3.6 | | | |
| 632 | 23 | 4.27 | 1400 | 3.8 | | | |
| 675 | 21 | 4.00 | 1370 | 4.0 | | | |
| 801 | 18 | 3.37 | 1310 | 4.4 | | | |
| 250 | 57 | 5.63 | 5580 | 1.90 | | | |
| 264 | 54 | 5.35 | 5490 | 1.90 | | | |
| 298 | 48 | 4.73 | 5300 | 2.6 | | | |
| 349 | 41 | 4.04 | 5050 | 3.5 | RX | 77 | D90L4 |
| 381 | 38 | 3.70 | 4920 | 4.1 | RXF | 77 | D90L4 |
| 434 | 33 | 3.25 | 4720 | 5.5 | | | |
| 458 | 31 | 3.08 | 4650 | 6.2 | | | |
| 523 | 27 | 2.70 | 4460 | 7.8 | | | |
| 581 | 25 | 2.43 | 4310 | 8.7 | | | |
| 312 | 46 | 4.53 | 3570 | 1.80 | | | |
| 328 | 44 | 4.30 | 3520 | 1.85 | | | |
| 374 | 38 | 3.77 | 3390 | 2.3 | | | |
| 441 | 33 | 3.20 | 3230 | 3.1 | | | |
| 488 | 29 | 2.89 | 3140 | 3.6 | RX | 67 | D90L4 |
| 555 | 26 | 2.54 | 3020 | 4.6 | RXF | 67 | D90L4 |
| 588 | 24 | 2.40 | 2970 | 5.0 | | | |
| 690 | 21 | 2.04 | 2820 | 6.4 | | | |
| 759 | 19 | 1.86 | 2740 | 6.7 | | | |
| 876 | 16 | 1.61 | 2620 | 7.0 | | | |
| 1005 | 14 | 1.40 | 2510 | 7.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 372 | 39 | 3.79 | 2700 | 1.80 | | | |
| 397 | 36 | 3.55 | 2650 | 1.90 | | | |
| 450 | 32 | 3.14 | 2560 | 2.0 | | | |
| 484 | 30 | 2.91 | 2510 | 2.3 | | | |
| 534 | 27 | 2.64 | 2440 | 2.6 | RX | 57 | D90L4 |
| 595 | 24 | 2.37 | 2360 | 2.9 | RXF | 57 | D90L4 |
| 691 | 21 | 2.04 | 2260 | 3.3 | | | |
| 734 | 20 | 1.92 | 2220 | 3.5 | | | |
| 853 | 17 | 1.65 | 2120 | 4.1 | | | |
| 955 | 15 | 1.48 | 2050 | 4.5 | | | |
| 1080 | 13 | 1.30 | 1980 | 4.7 | | | |
| **2.2kW** | | | | | | | |
| 0.84 | 22400 | 1670 | 120000 | 0.80 | | | |
| 0.98 | 19500 | 1438 | 120000 | 0.95 | | | |
| 1.1 | 17300 | 1279 | 120000 | 1.05 | | | |
| 1.3 | 15100 | 1123 | 120000 | 1.20 | R | 167 | R97 D100M4 |
| 1.4 | 13500 | 999 | 120000 | 1.35 | RF | 167 | R97 D100M4 |
| 1.6 | 11600 | 861 | 120000 | 1.55 | | | |
| 1.9 | 10300 | 760 | 120000 | 1.75 | | | |
| 2.2 | 8710 | 656 | 120000 | 2.1 | | | |
| 2.6 | 7130 | 533 | 71200 | 1.80 | | | |
| 3.0 | 6150 | 462 | 72100 | 2.1 | R | 147 | R87 D100M4 |
| 3.3 | 5740 | 426 | 72400 | 2.3 | RF | 147 | R87 D100M4 |
| 3.8 | 4960 | 368 | 73000 | 2.6 | | | |
| 4.3 | 4390 | 326 | 73300 | 3.0 | | | |
| 1.2 | 15800 | 1166 | 39400 | 0.80 | | | |
| 1.4 | 13900 | 1029 | 60700 | 0.95 | | | |
| 1.6 | 12000 | 889 | 64500 | 1.10 | | | |
| 1.8 | 10600 | 784 | 66900 | 1.20 | R | 147 | R77 D100M4 |
| 2.0 | 9400 | 695 | 68600 | 1.40 | RF | 147 | R77 D100M4 |
| 2.3 | 8420 | 619 | 69800 | 1.55 | | | |
| 2.5 | 7580 | 558 | 70800 | 1.70 | | | |
| 2.9 | 6640 | 489 | 71700 | 1.95 | | | |
| 2.0 | 9510 | 699 | 43900 | 0.85 | R | 137 | R77 D100M4 |
| 2.3 | 8270 | 609 | 52800 | 0.95 | RF | 137 | R77 D100M4 |
| 1.9 | 9890 | 730 | 36300 | 0.80 | | | |
| 2.2 | 8500 | 629 | 51800 | 0.95 | | | |
| 2.5 | 7620 | 560 | 54200 | 1.05 | | | |
| 2.9 | 6630 | 490 | 56000 | 1.20 | | | |
| 3.3 | 5790 | 428 | 57400 | 1.40 | R | 137 | R77 D100M4 |
| 3.7 | 5190 | 381 | 58200 | 1.55 | RF | 137 | R77 D100M4 |
| 4.4 | 4400 | 323 | 59100 | 1.80 | | | |
| 4.8 | 3960 | 291 | 59500 | 2.0 | | | |
| 5.5 | 3460 | 255 | 60000 | 2.3 | | | |
| 6.3 | 3030 | 223 | 60300 | 2.6 | | | |
| 3.8 | 5010 | 369 | 12100 | 0.85 | | | |
| 4.4 | 4390 | 323 | 29000 | 1.00 | R | 107 | R77 D100M4 |
| 4.9 | 3860 | 285 | 31600 | 1.10 | RF | 107 | R77 D100M4 |
| 5.6 | 3420 | 253 | 33500 | 1.25 | | | |
| 6.6 | 2900 | 214 | 35300 | 1.50 | | | |
| 4.3 | 4480 | 325 | 28400 | 0.95 | R | 107 | R77 D100M4 |
| | | | | | RF | 107 | R77 D100M4 |
| 6.0 | 3170 | 234 | 11300 | 0.95 | R | 97 | R57 D100M4 |
| 6.8 | 2840 | 209 | 22100 | 1.05 | RF | 97 | R57 D100M4 |
| 3.1 | 6680 | 222.60 | 55900 | 1.20 | | | |
| 3.7 | 5660 | 188.45 | 57500 | 1.40 | R | 137 | D132S8 |
| 4.0 | 5230 | 174.40 | 58100 | 1.55 | RF | 137 | D132S8 |
| 4.5 | 4690 | 156.31 | 58800 | 1.70 | | | |
| 5.0 | 4240 | 141.12 | 59300 | 1.90 | | | |
| 5.5 | 3850 | 128.18 | 59600 | 2.1 | R | 137 | D132S8 |
| 6.2 | 3410 | 113.72 | 60000 | 2.3 | RF | 137 | D132S8 |
| 6.8 | 3100 | 103.20 | 60300 | 2.6 | | | |
| 4.6 | 4540 | 203.16 | 28100 | 0.95 | | | |
| 5.4 | 3850 | 172.34 | 31700 | 1.10 | R | 107 | D112M6 |
| 5.9 | 3550 | 158.68 | 33000 | 1.20 | RF | 107 | D112M6 |
| 6.6 | 3170 | 141.83 | 34400 | 1.35 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **2.2kW** | | | | | | | |
| 5.6 | 3740 | 251.15 | 32200 | 1.15 | R | 107 | D100M4 |
| 6.1 | 3430 | 229.95 | 33500 | 1.25 | RF | 107 | D100M4 |
| 6.9 | 3030 | 203.16 | 34900 | 1.40 | | | |
| 8.2 | 2570 | 172.34 | 36100 | 1.65 | | | |
| 8.9 | 2360 | 158.68 | 36300 | 1.80 | | | |
| 9.9 | 2110 | 141.83 | 36600 | 2.0 | R | 107 | D100M4 |
| 11 | 1900 | 127.68 | 36900 | 2.3 | RF | 107 | D100M4 |
| 12 | 1720 | 115.63 | 37000 | 2.5 | | | |
| 14 | 1530 | 102.53 | 37200 | 2.8 | | | |
| 15 | 1380 | 92.70 | 37300 | 3.1 | | | |
| 6.5 | 3220 | 216.28 | 7030 | 0.95 | R | 97 | D100M4 |
| 7.6 | 2780 | 186.30 | 22500 | 1.10 | RF | 97 | D100M4 |
| 8.3 | 2530 | 170.02 | 23900 | 1.20 | | | |
| 9.4 | 2250 | 150.78 | 25300 | 1.35 | | | |
| 11 | 1890 | 126.75 | 26800 | 1.60 | | | |
| 12 | 1740 | 116.48 | 27300 | 1.75 | | | |
| 14 | 1540 | 103.44 | 27600 | 1.95 | | | |
| 15 | 1380 | 92.48 | 27800 | 2.2 | R | 97 | D100M4 |
| 17 | 1240 | 83.15 | 28000 | 2.4 | RF | 97 | D100M4 |
| 20 | 1080 | 72.17 | 28200 | 2.8 | | | |
| 22 | 970 | 65.21 | 27700 | 3.1 | | | |
| 24 | 890 | 59.92 | 27000 | 3.4 | | | |
| 27 | 795 | 53.21 | 26100 | 3.8 | | | |
| 30 | 710 | 47.58 | 25300 | 4.2 | | | |
| 11 | 1860 | 124.97 | 10100 | 0.85 | | | |
| 12 | 1760 | 118.43 | 15200 | 0.90 | R | 87 | D100M4 |
| 14 | 1540 | 103.65 | 17000 | 1.00 | RF | 87 | D100M4 |
| 15 | 1390 | 93.38 | 17900 | 1.10 | | | |
| 17 | 1220 | 81.92 | 18900 | 1.25 | | | |
| 19 | 1080 | 72.57 | 19500 | 1.45 | | | |
| 22 | 950 | 63.68 | 20000 | 1.65 | | | |
| 23 | 900 | 60.35 | 20000 | 1.70 | | | |
| 27 | 785 | 52.82 | 20000 | 1.95 | R | 87 | D100M4 |
| 30 | 710 | 47.58 | 20000 | 2.2 | RF | 87 | D100M4 |
| 34 | 620 | 41.74 | 19900 | 2.5 | | | |
| 38 | 550 | 36.84 | 19200 | 2.8 | | | |
| 43 | 485 | 32.66 | 18500 | 3.2 | | | |
| 41 | 515 | 34.40 | 18800 | 2.9 | | | |
| 45 | 470 | 31.40 | 18300 | 3.3 | R | 87 | D100M4 |
| 51 | 415 | 27.84 | 17700 | 3.7 | RF | 87 | D100M4 |
| 60 | 350 | 23.40 | 16800 | 4.4 | | | |
| 66 | 320 | 21.51 | 16400 | 4.7 | | | |
| 21 | 980 | 65.77 | 5470 | 0.85 | | | |
| 24 | 860 | 57.68 | 9540 | 0.95 | R | 77 | D100M4 |
| 27 | 775 | 52.07 | 10300 | 1.05 | RF | 77 | D100M4 |
| 31 | 685 | 45.81 | 11000 | 1.20 | | | |
| 33 | 645 | 43.26 | 11300 | 1.25 | | | |
| 38 | 550 | 36.83 | 11800 | 1.50 | R | 77 | D100M4 |
| 42 | 500 | 33.47 | 12100 | 1.65 | RF | 77 | D100M4 |
| 49 | 430 | 29.00 | 12100 | 1.90 | | | |
| 56 | 375 | 25.23 | 11700 | 2.1 | | | |
| 60 | 350 | 23.37 | 11400 | 2.3 | | | |
| 66 | 320 | 21.43 | 11200 | 2.6 | | | |
| 75 | 280 | 18.80 | 10800 | 2.8 | R | 77 | D100M4 |
| 79 | 265 | 17.82 | 10600 | 2.9 | RF | 77 | D100M4 |
| 90 | 230 | 15.60 | 10200 | 3.2 | | | |
| 100 | 210 | 14.05 | 9910 | 3.4 | | | |
| 35 | 595 | 39.88 | 7630 | 1.00 | | | |
| 38 | 560 | 37.50 | 8020 | 1.00 | R | 67 | D100M4 |
| 44 | 480 | 32.27 | 8750 | 1.10 | RF | 67 | D100M4 |
| 49 | 430 | 28.83 | 9140 | 1.20 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **2.2kW** | | | | | | | |
| 60 | 350 | 23.44 | 9140 | 1.60 | | | |
| 71 | 295 | 19.89 | 8760 | 2.0 | | | |
| 79 | 270 | 17.95 | 8530 | 2.2 | | | |
| 89 | 235 | 15.79 | 8240 | 2.4 | | | |
| 95 | 220 | 14.91 | 8110 | 2.5 | R | 67 | D100M4 |
| 111 | 189 | 12.70 | 7760 | 2.8 | RF | 67 | D100M4 |
| 122 | 172 | 11.54 | 7560 | 2.9 | | | |
| 141 | 149 | 10.00 | 7250 | 3.2 | | | |
| 162 | 130 | 8.70 | 6960 | 3.4 | | | |
| 181 | 116 | 7.79 | 6760 | 3.3 | | | |
| 38 | 555 | 37.30 | 4490 | 0.80 | | | |
| 40 | 525 | 35.07 | 5110 | 0.85 | R | 57 | D100M4 |
| 47 | 450 | 30.18 | 5030 | 1.00 | RF | 57 | D100M4 |
| 52 | 400 | 26.97 | 4960 | 1.10 | | | |
| 64 | 325 | 21.93 | 4800 | 1.40 | | | |
| 76 | 275 | 18.16 | 4660 | 1.60 | | | |
| 84 | 250 | 16.79 | 4570 | 1.80 | | | |
| 95 | 220 | 14.77 | 4450 | 2.0 | | | |
| 101 | 210 | 13.95 | 4390 | 2.1 | R | 57 | D100M4 |
| 119 | 177 | 11.88 | 4230 | 2.3 | RF | 57 | D100M4 |
| 131 | 161 | 10.79 | 4140 | 2.4 | | | |
| 151 | 139 | 9.35 | 4000 | 2.7 | | | |
| 156 | 135 | 9.06 | 3980 | 2.8 | | | |
| 177 | 119 | 7.97 | 3850 | 3.0 | | | |
| 104 | 205 | 26.31 | 4370 | 2.2 | | | |
| 109 | 192 | 24.99 | 4320 | 2.3 | | | |
| 124 | 169 | 21.93 | 4190 | 2.7 | R | 57 | D90L2 |
| 147 | 143 | 18.60 | 4020 | 3.1 | RF | 57 | D90L2 |
| 163 | 129 | 16.79 | 3920 | 3.5 | | | |
| 185 | 114 | 14.77 | 3790 | 3.8 | | | |
| 196 | 107 | 13.95 | 3740 | 4.0 | | | |
| 73 | 285 | 19.27 | 3550 | 1.05 | | | |
| 87 | 240 | 16.22 | 3460 | 1.15 | | | |
| 97 | 215 | 14.56 | 3400 | 1.20 | | | |
| 112 | 187 | 12.54 | 3310 | 1.35 | | | |
| 120 | 176 | 11.79 | 3270 | 1.40 | | | |
| 139 | 151 | 10.15 | 3160 | 1.50 | | | |
| 155 | 135 | 9.07 | 3090 | 1.65 | R | 47 | D100M4 |
| 176 | 119 | 8.01 | 3000 | 1.70 | RF | 47 | D100M4 |
| 182 | 116 | 7.76 | 2910 | 1.40 | | | |
| 203 | 104 | 6.96 | 2840 | 1.55 | | | |
| 235 | 89 | 6.00 | 2740 | 1.75 | | | |
| 250 | 84 | 5.64 | 2700 | 1.85 | | | |
| 291 | 72 | 4.85 | 2600 | 2.1 | | | |
| 325 | 65 | 4.34 | 2530 | 2.3 | | | |
| 368 | 57 | 3.83 | 2440 | 2.5 | | | |
| 117 | 179 | 23.28 | 3280 | 1.70 | | | |
| 125 | 168 | 21.81 | 3230 | 1.80 | | | |
| 142 | 148 | 19.27 | 3150 | 2.0 | | | |
| 153 | 138 | 17.89 | 3100 | 2.1 | | | |
| 168 | 125 | 16.22 | 3030 | 2.2 | R | 47 | D90L2 |
| 187 | 112 | 14.56 | 2950 | 2.4 | RF | 47 | D90L2 |
| 218 | 97 | 12.54 | 2850 | 2.6 | | | |
| 231 | 91 | 11.97 | 2800 | 2.7 | | | |
| 269 | 78 | 10.15 | 2700 | 2.9 | | | |
| 301 | 70 | 9.07 | 2620 | 3.2 | | | |
| 341 | 62 | 8.01 | 2530 | 3.3 | | | |
| 90 | 230 | 15.60 | 1070 | 0.85 | R | 37 | D100M4 |
| 106 | 198 | 13.25 | 1660 | 0.95 | RF | 37 | D100M4 |
| 119 | 176 | 11.83 | 1990 | 1.05 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **2.2kW** | | | | | |
| 140 | 151 | 10.11 | 2360 | 1.15 | |
| 149 | 141 | 9.47 | 2480 | 1.20 | |
| 177 | 119 | 7.97 | 2750 | 1.30 | |
| 211 | 99 | 6.67 | 2470 | 1.45 | R 37 D100M4 |
| 249 | 84 | 5.67 | 2570 | 1.70 | RF 37 D100M4 |
| 279 | 75 | 5.06 | 2500 | 1.80 | |
| 326 | 64 | 4.32 | 2410 | 1.95 | |
| 348 | 60 | 4.05 | 2370 | 2.0 | |
| 414 | 51 | 3.41 | 2270 | 2.2 | |
| 141 | 149 | 19.31 | 2380 | 1.35 | R 37 D90L2 |
| 151 | 139 | 18.05 | 2510 | 1.45 | RF 37 D90L2 |
| 175 | 120 | 15.60 | 2740 | 1.65 | |
| 206 | 102 | 13.25 | 2720 | 1.85 | |
| 231 | 91 | 11.83 | 2650 | 2.0 | |
| 270 | 78 | 10.11 | 2550 | 2.2 | |
| 288 | 73 | 9.47 | 2510 | 2.3 | |
| 342 | 61 | 7.97 | 2410 | 2.5 | R 37 D90L2 |
| 409 | 51 | 6.67 | 2280 | 2.8 | RF 37 D90L2 |
| 482 | 44 | 5.67 | 2180 | 3.3 | |
| 540 | 39 | 5.06 | 2120 | 3.5 | |
| 632 | 33 | 4.32 | 2030 | 3.8 | |
| 675 | 31 | 4.05 | 1990 | 3.9 | |
| 801 | 26 | 3.41 | 1900 | 4.3 | |
| 139 | 151 | 10.13 | 1120 | 0.80 | |
| 214 | 98 | 6.59 | 1130 | 1.10 | |
| 252 | 83 | 5.60 | 1390 | 1.20 | R 27 D100M4 |
| 282 | 75 | 5.00 | 1540 | 1.30 | RF 27 D100M4 |
| 330 | 64 | 4.27 | 1540 | 1.35 | |
| 353 | 60 | 4.00 | 1520 | 1.45 | |
| 418 | 50 | 3.37 | 1470 | 1.55 | |
| 206 | 102 | 13.28 | 1720 | 1.25 | |
| 230 | 91 | 11.86 | 1690 | 1.40 | |
| 270 | 78 | 10.13 | 1650 | 1.55 | |
| 335 | 63 | 8.16 | 1530 | 1.85 | |
| 358 | 59 | 7.63 | 1510 | 1.90 | R 27 D90L2 |
| 414 | 51 | 6.59 | 1470 | 2.1 | RF 27 D90L2 |
| 488 | 43 | 5.60 | 1420 | 2.3 | |
| 546 | 39 | 5.00 | 1390 | 2.5 | |
| 639 | 33 | 4.27 | 1340 | 2.6 | |
| 683 | 31 | 4.00 | 1310 | 2.8 | |
| 810 | 26 | 3.37 | 1260 | 3.0 | |
| 298 | 70 | 4.73 | 5180 | 1.75 | |
| 349 | 60 | 4.04 | 4950 | 2.4 | |
| 381 | 55 | 3.70 | 4820 | 2.8 | |
| 434 | 48 | 3.25 | 4640 | 3.8 | |
| 458 | 46 | 3.08 | 4560 | 4.2 | RX 77 D100M4 |
| 523 | 40 | 2.70 | 4380 | 5.3 | RXF 77 D100M4 |
| 581 | 36 | 2.43 | 4250 | 5.9 | |
| 662 | 32 | 2.13 | 4080 | 6.3 | |
| 750 | 28 | 1.88 | 3920 | 6.7 | |
| 846 | 25 | 1.67 | 3780 | 7.0 | |
| 991 | 21 | 1.42 | 3590 | 7.3 | |
| 374 | 56 | 3.77 | 3280 | 1.55 | |
| 441 | 48 | 3.20 | 3130 | 2.1 | |
| 488 | 43 | 2.89 | 3050 | 2.5 | |
| 555 | 38 | 2.54 | 2940 | 3.1 | RX 67 D100M4 |
| 588 | 36 | 2.40 | 2890 | 3.4 | RXF 67 D100M4 |
| 690 | 30 | 2.04 | 2760 | 4.4 | |
| 759 | 28 | 1.86 | 2680 | 4.6 | |
| 876 | 24 | 1.61 | 2570 | 4.8 | |
| 1005 | 21 | 1.40 | 2460 | 5.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **2.2kW** | | | | | |
| 450 | 47 | 3.14 | 2450 | 1.40 | |
| 534 | 39 | 2.64 | 2340 | 1.75 | |
| 595 | 35 | 2.37 | 2280 | 1.95 | |
| 691 | 30 | 2.04 | 2190 | 2.3 | RX 57 D100M4 |
| 734 | 29 | 1.92 | 2150 | 2.4 | RXF 57 D100M4 |
| 853 | 25 | 1.65 | 2060 | 2.8 | |
| 955 | 22 | 1.48 | 1990 | 3.1 | |
| 1080 | 19 | 1.30 | 1930 | 3.2 | |
| **3.0kW** | | | | | |
| 1.2 | 20900 | 1123 | 120000 | 0.85 | |
| 1.4 | 18600 | 999 | 120000 | 0.95 | |
| 1.6 | 16000 | 861 | 120000 | 1.10 | R 167 R97 D100L4 |
| 1.8 | 14200 | 760 | 120000 | 1.25 | RF 167 R97 D100L4 |
| 2.1 | 12100 | 656 | 120000 | 1.50 | |
| 2.8 | 9280 | 503 | 120000 | 1.95 | |
| 2.6 | 9880 | 533 | 68000 | 1.30 | |
| 3.0 | 8540 | 462 | 69700 | 1.50 | |
| 3.3 | 7940 | 426 | 70400 | 1.65 | R 147 R87 D100L4 |
| 3.8 | 6860 | 368 | 71500 | 1.90 | RF 147 R87 D100L4 |
| 4.3 | 6070 | 326 | 72200 | 2.1 | |
| 5.0 | 5180 | 280 | 72800 | 2.5 | |
| 1.6 | 16600 | 889 | 26300 | 0.80 | |
| 1.8 | 14700 | 784 | 54500 | 0.90 | R 147 R77 D100L4 |
| 2.0 | 13000 | 695 | 62700 | 1.00 | RF 147 R77 D100L4 |
| 2.3 | 11600 | 619 | 65200 | 1.10 | |
| 2.5 | 10500 | 558 | 67100 | 1.25 | |
| 2.8 | 9160 | 490 | 48800 | 0.85 | |
| 3.3 | 7990 | 428 | 53400 | 1.00 | |
| 3.7 | 7150 | 381 | 55100 | 1.10 | R 137 R77 D100L4 |
| 4.3 | 6070 | 323 | 56900 | 1.30 | RF 137 R77 D100L4 |
| 4.8 | 5460 | 291 | 57800 | 1.45 | |
| 5.5 | 4770 | 255 | 58700 | 1.70 | |
| 6.3 | 4180 | 223 | 59300 | 1.90 | |
| 2.7 | 9870 | 517 | 36800 | 0.80 | R 137 R77 D100L4 |
| 3.1 | 8650 | 453 | 51200 | 0.95 | RF 137 R77 D100L4 |
| 5.5 | 4730 | 253 | 25800 | 0.90 | R 107 R77 D100L4 |
| 6.5 | 4010 | 214 | 31000 | 1.05 | RF 107 R77 D100L4 |
| 7.5 | 3500 | 187 | 33200 | 1.25 | |
| 5.5 | 4930 | 256 | 17400 | 0.85 | R 107 R77 D100L4<br>RF 107 R77 D100L4 |
| 3.2 | 8860 | 222.60 | 50300 | 0.90 | |
| 3.8 | 7500 | 188.45 | 54400 | 1.05 | R 137 D132M8 |
| 4.1 | 6940 | 174.40 | 55500 | 1.15 | RF 137 D132M8 |
| 4.6 | 6220 | 156.31 | 56700 | 1.30 | |
| 5.1 | 5620 | 141.12 | 57600 | 1.40 | |
| 5.6 | 5100 | 128.18 | 58300 | 1.55 | |
| 6.3 | 4520 | 113.72 | 59000 | 1.75 | R 137 D132M8 |
| 7.0 | 4110 | 103.20 | 59400 | 1.95 | RF 137 D132M8 |
| 8.1 | 3530 | 88.70 | 59900 | 2.3 | |
| 4.2 | 6780 | 222.60 | 55800 | 1.20 | |
| 5.0 | 5740 | 188.45 | 57400 | 1.40 | |
| 5.4 | 5320 | 174.40 | 58000 | 1.50 | R 137 D132S6 |
| 6.0 | 4760 | 156.31 | 58700 | 1.70 | RF 137 D132S6 |
| 6.7 | 4300 | 141.12 | 59200 | 1.85 | |
| 7.3 | 3910 | 128.18 | 59600 | 2.0 | |
| 8.3 | 3470 | 113.72 | 60000 | 2.3 | R 137 D132S6 |
| 9.1 | 3150 | 103.20 | 60200 | 2.5 | RF 137 D132S6 |
| 5.9 | 4840 | 158.68 | 21600 | 0.90 | R 107 D132S6 |
| 6.6 | 4320 | 141.83 | 29300 | 1.00 | RF 107 D132S6 |
| 7.4 | 3890 | 127.68 | 31500 | 1.10 | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **3.0kW** | | | | | |
| 6.1 | 4710 | 229.95 | 26500 | 0.90 | |
| 6.9 | 4160 | 203.16 | 30200 | 1.05 | |
| 8.1 | 3530 | 172.34 | 33100 | 1.20 | |
| 8.8 | 3250 | 158.68 | 34100 | 1.30 | |
| 9.9 | 2900 | 141.83 | 35300 | 1.50 | R 107 D100L4 |
| 11 | 2610 | 127.68 | 36000 | 1.65 | RF 107 D100L4 |
| 12 | 2370 | 115.63 | 36300 | 1.80 | |
| 14 | 2100 | 102.53 | 36700 | 2.0 | |
| 15 | 1900 | 92.70 | 36900 | 2.3 | |
| 18 | 1610 | 78.57 | 35900 | 2.7 | |
| 19 | 1490 | 72.88 | 35200 | 2.9 | |
| 9.3 | 3090 | 150.78 | 16200 | 0.95 | |
| 11 | 2590 | 126.75 | 23600 | 1.15 | |
| 12 | 2380 | 116.48 | 24700 | 1.25 | |
| 14 | 2120 | 103.44 | 25900 | 1.40 | |
| 15 | 1890 | 92.48 | 26800 | 1.60 | |
| 17 | 1700 | 83.15 | 27300 | 1.75 | |
| 19 | 1480 | 72.17 | 27700 | 2.0 | R 97 D100L4 |
| 21 | 1330 | 65.21 | 27000 | 2.2 | RF 97 D100L4 |
| 23 | 1230 | 59.92 | 26400 | 2.5 | |
| 26 | 1090 | 53.21 | 25600 | 2.8 | |
| 29 | 970 | 47.58 | 24800 | 3.1 | |
| 33 | 880 | 42.78 | 24000 | 3.4 | |
| 38 | 760 | 37.13 | 23100 | 4.0 | |
| 42 | 680 | 33.25 | 22400 | 4.2 | |
| 15 | 1910 | 93.38 | 3630 | 0.80 | |
| 17 | 1680 | 81.92 | 16000 | 0.90 | R 87 D100L4 |
| 19 | 1490 | 72.57 | 17400 | 1.05 | RF 87 D100L4 |
| 22 | 1300 | 63.68 | 18400 | 1.20 | |
| 23 | 1230 | 60.35 | 18800 | 1.25 | |
| 27 | 1080 | 52.82 | 19500 | 1.45 | |
| 29 | 970 | 47.58 | 19900 | 1.60 | R 87 D100L4 |
| 34 | 850 | 41.74 | 19400 | 1.80 | RF 87 D100L4 |
| 38 | 755 | 36.84 | 18700 | 2.1 | |
| 43 | 670 | 32.66 | 18100 | 2.3 | |
| 50 | 570 | 27.88 | 17400 | 2.6 | |
| 41 | 705 | 34.40 | 18400 | 2.1 | |
| 45 | 640 | 31.40 | 17900 | 2.4 | |
| 50 | 570 | 27.84 | 17400 | 2.7 | |
| 60 | 480 | 23.40 | 16500 | 3.2 | R 87 D100L4 |
| 65 | 440 | 21.51 | 16100 | 3.4 | RF 87 D100L4 |
| 73 | 390 | 19.10 | 15600 | 3.7 | |
| 82 | 350 | 17.08 | 15100 | 4.0 | |
| 91 | 315 | 15.35 | 14600 | 4.3 | |
| 31 | 940 | 45.81 | 8670 | 0.85 | |
| 32 | 890 | 43.26 | 9270 | 0.95 | R 77 D100L4 |
| 38 | 755 | 36.83 | 10500 | 1.10 | RF 77 D100L4 |
| 42 | 685 | 33.47 | 11000 | 1.20 | |
| 48 | 595 | 29.00 | 11600 | 1.40 | R 77 D100L4 |
| 55 | 515 | 25.23 | 11300 | 1.50 | RF 77 D100L4 |
| 60 | 480 | 23.37 | 11100 | 1.70 | |
| 65 | 440 | 21.43 | 10800 | 1.85 | |
| 74 | 385 | 18.80 | 10500 | 2.0 | |
| 79 | 365 | 17.82 | 10300 | 2.1 | |
| 90 | 320 | 15.60 | 9980 | 2.3 | |
| 100 | 290 | 14.05 | 9700 | 2.5 | R 77 D100L4 |
| 114 | 250 | 12.33 | 9350 | 2.7 | RF 77 D100L4 |
| 129 | 225 | 10.88 | 9030 | 3.0 | |
| 145 | 197 | 9.64 | 8720 | 3.2 | |
| 163 | 176 | 8.59 | 8500 | 3.6 | |
| 181 | 158 | 7.74 | 8240 | 3.8 | |
| 206 | 139 | 6.79 | 7920 | 4.2 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **3.0kW** | | | | | |
| 60 | 480 | 23.44 | 8730 | 1.15 | |
| 70 | 405 | 19.89 | 8420 | 1.45 | |
| 78 | 365 | 17.95 | 8230 | 1.60 | |
| 89 | 325 | 15.79 | 7980 | 1.75 | R 67 D100L4 |
| 94 | 305 | 14.91 | 7860 | 1.80 | RF 67 D100L4 |
| 110 | 260 | 12.70 | 7550 | 2.0 | |
| 121 | 235 | 11.54 | 7360 | 2.1 | |
| 140 | 205 | 10.00 | 7090 | 2.3 | |
| 52 | 550 | 26.97 | 4330 | 0.80 | R 57 D100L4<br>RF 57 D100L4 |
| 64 | 450 | 21.93 | 4380 | 1.00 | |
| 75 | 380 | 18.60 | 4300 | 1.20 | R 57 D100L4 |
| 83 | 345 | 16.79 | 4250 | 1.30 | RF 57 D100L4 |
| 95 | 300 | 14.77 | 4160 | 1.45 | |
| 100 | 285 | 13.95 | 4130 | 1.50 | |
| 118 | 245 | 11.88 | 4010 | 1.65 | |
| 130 | 220 | 10.79 | 3940 | 1.75 | |
| 150 | 191 | 9.35 | 3820 | 1.95 | |
| 155 | 185 | 9.06 | 3810 | 2.0 | R 57 D100L4 |
| 176 | 163 | 7.97 | 3700 | 2.2 | RF 57 D100L4 |
| 186 | 154 | 7.53 | 3650 | 2.3 | |
| 218 | 131 | 6.41 | 3520 | 2.6 | |
| 240 | 119 | 5.82 | 3430 | 2.7 | |
| 277 | 103 | 5.05 | 3310 | 3.0 | |
| 319 | 90 | 4.39 | 3190 | 3.1 | |
| 128 | 225 | 21.93 | 3950 | 2.0 | |
| 151 | 190 | 18.60 | 3820 | 2.4 | |
| 167 | 172 | 16.79 | 3730 | 2.6 | R 57 D100M2 |
| 190 | 151 | 14.77 | 3620 | 2.9 | RF 57 D100M2 |
| 201 | 143 | 13.95 | 3570 | 3.0 | |
| 236 | 122 | 11.88 | 3440 | 3.3 | |
| 259 | 110 | 10.79 | 3360 | 3.5 | |
| 86 | 330 | 16.22 | 2030 | 0.85 | R 47 D100L4 |
| 96 | 300 | 14.56 | 2500 | 0.90 | RF 47 D100L4 |
| 112 | 255 | 12.54 | 3040 | 0.95 | |
| 119 | 240 | 11.79 | 3040 | 1.00 | |
| 138 | 210 | 10.15 | 2970 | 1.10 | |
| 154 | 186 | 9.07 | 2910 | 1.20 | |
| 175 | 164 | 8.01 | 2840 | 1.25 | |
| 181 | 159 | 7.76 | 2740 | 1.05 | R 47 D100L4 |
| 201 | 143 | 6.96 | 2680 | 1.10 | RF 47 D100L4 |
| 233 | 123 | 6.00 | 2610 | 1.25 | |
| 248 | 115 | 5.64 | 2580 | 1.35 | |
| 288 | 99 | 4.85 | 2490 | 1.50 | |
| 323 | 89 | 4.34 | 2430 | 1.65 | |
| 365 | 78 | 3.83 | 2360 | 1.85 | |
| 237 | 121 | 11.79 | 2670 | 2.0 | |
| 270 | 104 | 10.15 | 2580 | 2.2 | |
| 309 | 93 | 9.07 | 2510 | 2.4 | |
| 349 | 82 | 8.01 | 2430 | 2.5 | |
| 361 | 79 | 7.76 | 2370 | 2.1 | R 47 D100M2 |
| 402 | 71 | 6.96 | 2310 | 2.2 | RF 47 D100M2 |
| 467 | 61 | 6.00 | 2220 | 2.5 | |
| 496 | 58 | 5.64 | 2190 | 2.7 | |
| 577 | 50 | 4.85 | 2100 | 3.0 | |
| 646 | 44 | 4.34 | 2040 | 3.3 | |
| 731 | 39 | 3.83 | 1970 | 3.7 | |
| 139 | 205 | 10.11 | 780 | 0.80 | R 37 D100L4 |
| 148 | 194 | 9.47 | 1010 | 0.85 | RF 37 D100L4 |
| 176 | 163 | 7.97 | 1510 | 0.95 | |
| 210 | 137 | 6.67 | 1250 | 1.05 | |
| 247 | 116 | 5.67 | 1630 | 1.25 | |
| 277 | 104 | 5.06 | 1830 | 1.30 | R 37 D100L4 |
| 324 | 88 | 4.32 | 2070 | 1.45 | RF 37 D100L4 |
| 346 | 83 | 4.05 | 2140 | 1.45 | |
| 411 | 70 | 3.41 | 2180 | 1.60 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **3.0kW** | | | | | | | |
| 277 | 103 | 10.11 | 2340 | 1.65 | | | |
| 296 | 97 | 9.47 | 2380 | 1.70 | | | |
| 351 | 82 | 7.97 | 2290 | 1.90 | | | |
| 420 | 68 | 6.67 | 2170 | 2.1 | R | 37 | D100M2 |
| 494 | 58 | 5.67 | 2090 | 2.5 | RF | 37 | D100M2 |
| 553 | 52 | 5.06 | 2030 | 2.6 | | | |
| 648 | 44 | 4.32 | 1950 | 2.8 | | | |
| 692 | 41 | 4.05 | 1920 | 3.0 | | | |
| 821 | 35 | 3.41 | 1840 | 3.2 | | | |
| 250 | 115 | 5.60 | 360 | 0.85 | | | |
| 280 | 102 | 5.00 | 615 | 0.95 | R | 27 | D100L4 |
| 328 | 87 | 4.27 | 910 | 1.00 | RF | 27 | D100L4 |
| 350 | 82 | 4.00 | 1010 | 1.05 | | | |
| 415 | 69 | 3.37 | 1230 | 1.15 | | | |
| 425 | 67 | 6.59 | 1260 | 1.55 | | | |
| 500 | 57 | 5.60 | 1330 | 1.75 | | | |
| 560 | 51 | 5.00 | 1300 | 1.85 | R | 27 | D100M2 |
| 656 | 44 | 4.27 | 1260 | 2.0 | RF | 27 | D100M2 |
| 700 | 41 | 4.00 | 1240 | 2.1 | | | |
| 831 | 35 | 3.37 | 1200 | 2.3 | | | |
| 217 | 132 | 6.45 | 7130 | 1.45 | | | |
| 252 | 114 | 5.56 | 6830 | 2.0 | | | |
| 276 | 104 | 5.07 | 6650 | 2.4 | RX | 87 | D100L4 |
| 311 | 92 | 4.50 | 6430 | 3.2 | RXF | 87 | D100L4 |
| 370 | 77 | 3.78 | 6100 | 3.9 | | | |
| 296 | 97 | 4.73 | 5050 | 1.25 | | | |
| 347 | 83 | 4.04 | 4830 | 1.75 | | | |
| 378 | 76 | 3.70 | 4720 | 2.0 | RX | 77 | D100L4 |
| 431 | 67 | 3.25 | 4550 | 2.7 | RXF | 77 | D100L4 |
| 455 | 63 | 3.08 | 4480 | 3.1 | | | |
| 371 | 77 | 3.77 | 3150 | 1.15 | | | |
| 438 | 66 | 3.20 | 3030 | 1.55 | | | |
| 485 | 59 | 2.89 | 2950 | 1.80 | | | |
| 551 | 52 | 2.54 | 2850 | 2.3 | RX | 67 | D100L4 |
| 583 | 49 | 2.40 | 2810 | 2.5 | RXF | 67 | D100L4 |
| 685 | 42 | 2.04 | 2690 | 3.2 | | | |
| 754 | 38 | 1.86 | 2610 | 3.3 | | | |
| 870 | 33 | 1.61 | 2510 | 3.5 | | | |
| 1000 | 29 | 1.40 | 2410 | 3.6 | | | |
| 446 | 64 | 3.14 | 2330 | 1.00 | | | |
| 530 | 54 | 2.64 | 2240 | 1.30 | | | |
| 591 | 49 | 2.37 | 2180 | 1.40 | | | |
| 686 | 42 | 2.04 | 2100 | 1.65 | RX | 57 | D100L4 |
| 729 | 39 | 1.92 | 2070 | 1.75 | RXF | 57 | D100L4 |
| 847 | 34 | 1.65 | 1990 | 2.0 | | | |
| 948 | 30 | 1.48 | 1930 | 2.2 | | | |
| 1075 | 27 | 1.30 | 1870 | 2.4 | | | |
| **4.0kW** | | | | | | | |
| 1.6 | 21200 | 861 | 120000 | 0.85 | | | |
| 1.9 | 18700 | 760 | 120000 | 0.95 | | | |
| 2.2 | 16000 | 656 | 120000 | 1.10 | R | 167 R97 | D112M4 |
| 2.8 | 12300 | 503 | 120000 | 1.45 | RF | 167 R97 | D112M4 |
| 3.8 | 9190 | 376 | 120000 | 1.95 | | | |
| 4.2 | 8180 | 335 | 120000 | 2.2 | | | |
| 2.7 | 13100 | 533 | 62500 | 1.00 | | | |
| 3.1 | 11300 | 462 | 65800 | 1.15 | | | |
| 3.3 | 10500 | 426 | 67100 | 1.25 | | | |
| 3.8 | 9060 | 368 | 69100 | 1.45 | | | |
| 4.4 | 8010 | 326 | 70300 | 1.60 | R | 147 R87 | D112M4 |
| 5.1 | 6850 | 280 | 71500 | 1.90 | RF | 147 R87 | D112M4 |
| 5.7 | 6050 | 247 | 72200 | 2.2 | | | |
| 6.7 | 5220 | 214 | 72800 | 2.5 | | | |
| 7.5 | 4620 | 189 | 73200 | 2.8 | | | |
| 8.9 | 3880 | 159 | 73600 | 3.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | | |
| 2.3 | 15300 | 619 | 46300 | 0.85 | | | |
| 2.5 | 13800 | 558 | 61000 | 0.95 | R | 147 R77 | D112M4 |
| 2.9 | 12100 | 489 | 64400 | 1.10 | RF | 147 R77 | D112M4 |
| 3.4 | 10200 | 415 | 67400 | 1.25 | | | |
| 3.7 | 9430 | 381 | 45400 | 0.85 | | | |
| 4.4 | 8000 | 323 | 53400 | 1.00 | R | 137 R77 | D112M4 |
| 4.9 | 7200 | 291 | 55000 | 1.10 | RF | 137 R77 | D112M4 |
| 5.6 | 6290 | 255 | 56600 | 1.25 | | | |
| 6.3 | 5520 | 223 | 57700 | 1.45 | | | |
| 3.8 | 9440 | 376 | 45200 | 0.85 | R | 137 R77 | D112M4 |
| 4.2 | 8500 | 339 | 51800 | 0.95 | RF | 137 R77 | D112M4 |
| 4.8 | 7450 | 297 | 54500 | 1.05 | | | |
| 7.6 | 4620 | 187 | 27600 | 0.95 | R | 107 R77 | D112M4 |
| | | | | | RF | 107 R77 | D112M4 |
| 7.3 | 4840 | 193 | 21400 | 0.90 | R | 107 R77 | D112M4 |
| 8.2 | 4330 | 172 | 29300 | 1.00 | RF | 107 R77 | D112M4 |
| 4.4 | 8660 | 163.31 | 69500 | 1.50 | | | |
| 4.9 | 7790 | 146.91 | 70500 | 1.65 | R | 147 | D132ML8 |
| 6.0 | 6360 | 119.86 | 71900 | 2.0 | RF | 147 | D132ML8 |
| 6.6 | 5800 | 109.31 | 72400 | 2.2 | | | |
| 4.1 | 9250 | 174.40 | 48400 | 0.85 | | | |
| 4.6 | 8290 | 156.31 | 52700 | 0.95 | | | |
| 5.1 | 7490 | 141.12 | 54400 | 1.05 | R | 137 | D132ML8 |
| 5.6 | 6800 | 128.18 | 55700 | 1.20 | RF | 137 | D132ML8 |
| 6.3 | 6030 | 113.72 | 57000 | 1.35 | | | |
| 7.0 | 5470 | 103.20 | 57800 | 1.45 | | | |
| 4.3 | 8860 | 222.60 | 50300 | 0.90 | | | |
| 5.1 | 7500 | 188.45 | 54400 | 1.05 | | | |
| 5.5 | 6940 | 174.40 | 55500 | 1.15 | R | 137 | D132M6 |
| 6.1 | 6220 | 156.31 | 56700 | 1.30 | RF | 137 | D132M6 |
| 6.8 | 5620 | 141.12 | 57600 | 1.40 | | | |
| 7.5 | 5100 | 128.18 | 58300 | 1.55 | | | |
| 8.4 | 4520 | 113.72 | 59000 | 1.75 | R | 137 | D132M6 |
| 9.3 | 4110 | 103.20 | 59400 | 1.95 | RF | 137 | D132M6 |
| 11 | 3530 | 88.70 | 59900 | 2.3 | | | |
| 8.2 | 4640 | 172.34 | 27500 | 0.95 | | | |
| 8.9 | 4270 | 158.68 | 29600 | 1.05 | | | |
| 10 | 3820 | 141.83 | 31900 | 1.15 | | | |
| 11 | 3430 | 127.68 | 33400 | 1.25 | | | |
| 12 | 3110 | 115.63 | 34600 | 1.40 | | | |
| 14 | 2760 | 102.53 | 35700 | 1.55 | R | 107 | D112M4 |
| 15 | 2490 | 92.70 | 36200 | 1.70 | RF | 107 | D112M4 |
| 18 | 2110 | 78.57 | 34900 | 2.0 | | | |
| 19 | 1960 | 72.88 | 34200 | 2.2 | | | |
| 22 | 1760 | 65.60 | 33200 | 2.4 | | | |
| 24 | 1600 | 59.41 | 32300 | 2.7 | | | |
| 27 | 1420 | 52.68 | 31300 | 3.0 | | | |
| 12 | 3130 | 116.48 | 13800 | 0.95 | | | |
| 14 | 2780 | 103.44 | 22400 | 1.10 | | | |
| 15 | 2490 | 92.48 | 24100 | 1.20 | | | |
| 17 | 2240 | 83.15 | 25400 | 1.35 | | | |
| 20 | 1940 | 72.17 | 26600 | 1.55 | | | |
| 22 | 1750 | 65.21 | 26000 | 1.70 | R | 97 | D112M4 |
| 24 | 1610 | 59.92 | 25500 | 1.85 | RF | 97 | D112M4 |
| 27 | 1430 | 53.21 | 24700 | 2.1 | | | |
| 30 | 1280 | 47.58 | 24000 | 2.3 | | | |
| 33 | 1150 | 42.78 | 23400 | 2.6 | | | |
| 38 | 1000 | 37.13 | 22500 | 3.0 | | | |
| 43 | 890 | 33.25 | 21800 | 3.2 | | | |
| 44 | 860 | 32.05 | 21600 | 3.0 | | | |
| 52 | 730 | 27.19 | 20600 | 3.5 | R | 97 | D112M4 |
| 57 | 675 | 25.03 | 20100 | 4.2 | RF | 97 | D112M4 |
| 63 | 600 | 22.37 | 19500 | 4.5 | | | |
| 71 | 540 | 20.14 | 18900 | 4.8 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | | |
| 22 | 1710 | 63.68 | 13300 | 0.90 | R | 87 | D112M4 |
| 24 | 1620 | 60.35 | 13900 | 0.95 | RF | 87 | D112M4 |
| 27 | 1420 | 52.82 | 15200 | 1.10 | | | |
| 30 | 1280 | 47.58 | 16000 | 1.20 | | | |
| 34 | 1120 | 41.74 | 16800 | 1.40 | R | 87 | D112M4 |
| 39 | 990 | 36.84 | 17400 | 1.55 | RF | 87 | D112M4 |
| 43 | 880 | 32.66 | 17500 | 1.75 | | | |
| 51 | 750 | 27.88 | 16800 | 2.0 | | | |
| 41 | 930 | 34.40 | 17600 | 1.60 | | | |
| 45 | 840 | 31.40 | 17400 | 1.85 | | | |
| 51 | 750 | 27.84 | 16800 | 2.1 | | | |
| 61 | 630 | 23.40 | 16100 | 2.5 | | | |
| 66 | 580 | 21.51 | 15700 | 2.6 | R | 87 | D112M4 |
| 74 | 515 | 19.10 | 15200 | 2.8 | RF | 87 | D112M4 |
| 83 | 460 | 17.08 | 14700 | 3.0 | | | |
| 92 | 415 | 15.35 | 14300 | 3.2 | | | |
| 107 | 360 | 13.33 | 13700 | 3.6 | | | |
| 119 | 320 | 11.93 | 13300 | 3.8 | | | |
| 39 | 990 | 36.83 | 4070 | 0.85 | | | |
| 42 | 900 | 33.47 | 9100 | 0.90 | R | 77 | D112M4 |
| 49 | 780 | 29.00 | 10300 | 1.05 | RF | 77 | D112M4 |
| 56 | 680 | 25.23 | 10800 | 1.15 | | | |
| 61 | 630 | 23.37 | 10600 | 1.30 | | | |
| 66 | 575 | 21.43 | 10400 | 1.40 | | | |
| 76 | 505 | 18.80 | 10100 | 1.55 | | | |
| 80 | 480 | 17.82 | 9950 | 1.65 | | | |
| 91 | 420 | 15.60 | 9630 | 1.75 | | | |
| 101 | 380 | 14.05 | 9380 | 1.90 | | | |
| 115 | 330 | 12.33 | 9070 | 2.1 | R | 77 | D112M4 |
| 131 | 295 | 10.88 | 8780 | 2.3 | RF | 77 | D112M4 |
| 147 | 260 | 9.64 | 8500 | 2.4 | | | |
| 165 | 230 | 8.59 | 8320 | 2.7 | | | |
| 183 | 210 | 7.74 | 8070 | 2.9 | | | |
| 209 | 183 | 6.79 | 7770 | 3.2 | | | |
| 237 | 161 | 5.99 | 7490 | 3.3 | | | |
| 267 | 143 | 5.31 | 7230 | 3.6 | | | |
| 71 | 535 | 19.89 | 7960 | 1.10 | | | |
| 79 | 485 | 17.95 | 7800 | 1.20 | | | |
| 90 | 425 | 15.79 | 7600 | 1.30 | | | |
| 95 | 400 | 14.91 | 7510 | 1.35 | | | |
| 112 | 340 | 12.70 | 7240 | 1.50 | | | |
| 123 | 310 | 11.54 | 7080 | 1.60 | | | |
| 142 | 270 | 10.00 | 6840 | 1.75 | R | 67 | D112M4 |
| 163 | 235 | 8.70 | 6600 | 1.90 | RF | 67 | D112M4 |
| 182 | 210 | 7.79 | 6440 | 1.80 | | | |
| 193 | 198 | 7.36 | 6340 | 1.85 | | | |
| 227 | 169 | 6.27 | 6070 | 1.95 | | | |
| 249 | 153 | 5.70 | 5920 | 2.0 | | | |
| 288 | 133 | 4.93 | 5680 | 2.2 | | | |
| 331 | 116 | 4.29 | 5460 | 2.3 | | | |
| 76 | 500 | 18.60 | 3520 | 0.90 | R | 57 | D112M4 |
| 85 | 450 | 16.79 | 3830 | 1.00 | RF | 57 | D112M4 |
| 96 | 395 | 14.77 | 3800 | 1.10 | | | |
| 102 | 375 | 13.95 | 3780 | 1.15 | | | |
| 120 | 320 | 11.88 | 3710 | 1.25 | | | |
| 132 | 290 | 10.79 | 3660 | 1.35 | | | |
| 152 | 250 | 9.35 | 3580 | 1.45 | | | |
| 157 | 245 | 9.06 | 3590 | 1.55 | R | 57 | D112M4 |
| 178 | 215 | 7.97 | 3500 | 1.65 | RF | 57 | D112M4 |
| 189 | 205 | 7.53 | 3470 | 1.75 | | | |
| 222 | 172 | 6.41 | 3350 | 1.95 | | | |
| 244 | 157 | 5.82 | 3280 | 2.0 | | | |
| 284 | 136 | 5.05 | 3180 | 2.2 | | | |
| 323 | 118 | 4.39 | 3070 | 2.4 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | | |
| 140 | 275 | 10.15 | 1960 | 0.85 | | | |
| 157 | 245 | 9.07 | 2350 | 0.90 | | | |
| 177 | 215 | 8.01 | 2640 | 0.95 | | | |
| 204 | 187 | 6.96 | 2480 | 0.85 | R | 47 | D112M4 |
| 237 | 161 | 6.00 | 2430 | 0.95 | RF | 47 | D112M4 |
| 252 | 152 | 5.64 | 2410 | 1.00 | | | |
| 293 | 131 | 4.85 | 2350 | 1.15 | | | |
| 327 | 117 | 4.34 | 2300 | 1.25 | | | |
| 371 | 103 | 3.83 | 2250 | 1.40 | | | |
| 176 | 215 | 16.22 | 2640 | 1.25 | | | |
| 196 | 195 | 14.56 | 2600 | 1.35 | | | |
| 228 | 168 | 12.54 | 2540 | 1.50 | | | |
| 242 | 158 | 11.79 | 2510 | 1.55 | | | |
| 282 | 136 | 10.15 | 2440 | 1.70 | | | |
| 315 | 121 | 9.07 | 2390 | 1.80 | | | |
| 357 | 107 | 8.01 | 2320 | 1.90 | R | 47 | D112M2 |
| 369 | 104 | 7.76 | 2250 | 1.55 | RF | 47 | D112M2 |
| 411 | 93 | 6.96 | 2200 | 1.70 | | | |
| 477 | 80 | 6.00 | 2130 | 1.95 | | | |
| 507 | 75 | 5.64 | 2100 | 2.1 | | | |
| 589 | 65 | 4.85 | 2020 | 2.3 | | | |
| 660 | 58 | 4.34 | 1970 | 2.5 | | | |
| 746 | 51 | 3.83 | 1910 | 2.8 | | | |
| 255 | 150 | 5.56 | 6630 | 1.50 | | | |
| 280 | 137 | 5.07 | 6470 | 1.85 | RX | 87 | D112M4 |
| 316 | 121 | 4.50 | 6260 | 2.4 | RXF | 87 | D112M4 |
| 375 | 102 | 3.78 | 5960 | 3.0 | | | |
| 351 | 109 | 4.04 | 4670 | 1.30 | | | |
| 383 | 100 | 3.70 | 4560 | 1.55 | | | |
| 437 | 87 | 3.25 | 4410 | 2.1 | | | |
| 461 | 83 | 3.08 | 4350 | 2.3 | | | |
| 527 | 73 | 2.70 | 4190 | 3.0 | RX | 77 | D112M4 |
| 585 | 65 | 2.43 | 4070 | 3.3 | RXF | 77 | D112M4 |
| 667 | 57 | 2.13 | 3920 | 3.5 | | | |
| 755 | 51 | 1.88 | 3780 | 3.7 | | | |
| 852 | 45 | 1.67 | 3650 | 3.9 | | | |
| 998 | 38 | 1.42 | 3480 | 4.1 | | | |
| 444 | 86 | 3.20 | 2870 | 1.15 | | | |
| 492 | 78 | 2.89 | 2810 | 1.35 | | | |
| 559 | 68 | 2.54 | 2730 | 1.75 | | | |
| 592 | 65 | 2.40 | 2690 | 1.90 | RX | 67 | D112M4 |
| 692 | 55 | 2.04 | 2580 | 2.4 | RXF | 67 | D112M4 |
| 765 | 50 | 1.86 | 2520 | 2.5 | | | |
| 883 | 43 | 1.61 | 2420 | 2.6 | | | |
| 1015 | 38 | 1.40 | 2330 | 2.8 | | | |
| 538 | 71 | 2.64 | 1670 | 0.95 | | | |
| 599 | 64 | 2.37 | 1780 | 1.10 | | | |
| 696 | 55 | 2.04 | 1910 | 1.25 | RX | 57 | D112M4 |
| 740 | 52 | 1.92 | 1940 | 1.35 | RXF | 57 | D112M4 |
| 859 | 44 | 1.65 | 1900 | 1.55 | | | |
| 962 | 40 | 1.48 | 1840 | 1.70 | | | |
| 1090 | 35 | 1.30 | 1790 | 1.80 | | | |
| **5.5kW** | | | | | | | |
| 2.2 | 22000 | 656 | 120000 | 0.80 | | | |
| 2.5 | 19300 | 579 | 120000 | 0.95 | | | |
| 2.8 | 16900 | 503 | 120000 | 1.05 | | | |
| 3.3 | 14400 | 432 | 120000 | 1.25 | R | 167 R97 | D132S4 |
| 3.8 | 12600 | 376 | 120000 | 1.45 | RF | 167 R97 | D132S4 |
| 4.3 | 11200 | 335 | 120000 | 1.60 | | | |
| 4.7 | 10100 | 303 | 120000 | 1.80 | | | |
| 5.1 | 9310 | 279 | 120000 | 1.95 | | | |
| 3.1 | 15500 | 462 | 43700 | 0.85 | | | |
| 3.3 | 14400 | 426 | 57800 | 0.90 | | | |
| 3.9 | 12400 | 368 | 63800 | 1.05 | | | |
| 4.4 | 11000 | 326 | 66300 | 1.20 | R | 147 R87 | D132S4 |
| 5.1 | 9410 | 280 | 68600 | 1.40 | RF | 147 R87 | D132S4 |
| 5.8 | 8300 | 247 | 70000 | 1.55 | | | |
| 6.7 | 7170 | 214 | 71200 | 1.80 | | | |
| 7.6 | 6340 | 189 | 71900 | 2.0 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **5.5kW** | | | | | |
| 3.1 | 17000 | 229.71 | 120000 | 1.05 | |
| 3.8 | 13800 | 186.93 | 120000 | 1.30 | R 167 D160M8 |
| 4.6 | 11300 | 153.07 | 120000 | 1.60 | RF 167 D160M8 |
| 5.1 | 10400 | 139.98 | 120000 | 1.75 | |
| 5.8 | 9010 | 121.81 | 120000 | 2.0 | |
| 4.3 | 12100 | 163.31 | 64400 | 1.10 | |
| 4.8 | 10900 | 146.91 | 66500 | 1.20 | R 147 D160M8 |
| 5.9 | 8870 | 119.86 | 69300 | 1.45 | RF 147 D160M8 |
| 6.5 | 8090 | 109.31 | 70200 | 1.60 | |
| 5.9 | 8930 | 163.31 | 69200 | 1.45 | |
| 6.5 | 8040 | 146.91 | 70300 | 1.60 | R 147 D132ML6 |
| 8.0 | 6560 | 119.86 | 71700 | 2.0 | RF 147 D132ML6 |
| 8.8 | 5980 | 109.31 | 72200 | 2.2 | |
| 10 | 5180 | 94.60 | 72800 | 2.5 | R 147 D132ML6 |
| 12 | 4570 | 83.47 | 73200 | 2.8 | RF 147 D132ML6 |
| 5.5 | 9480 | 128.18 | 44400 | 0.85 | |
| 6.2 | 8410 | 113.72 | 52200 | 0.95 | R 137 D160M8 |
| 6.9 | 7630 | 103.20 | 54200 | 1.05 | RF 137 D160M8 |
| 8.0 | 6560 | 88.70 | 56100 | 1.20 | |
| 5.5 | 9540 | 174.40 | 43300 | 0.85 | |
| 6.1 | 8550 | 156.31 | 51600 | 0.95 | |
| 6.8 | 7720 | 141.12 | 54000 | 1.05 | R 137 D132ML6 |
| 7.5 | 7010 | 128.18 | 55300 | 1.15 | RF 137 D132ML6 |
| 8.4 | 6220 | 113.72 | 56700 | 1.30 | |
| 9.3 | 5650 | 103.20 | 57600 | 1.40 | |
| 6.4 | 8180 | 222.60 | 53000 | 1.00 | |
| 7.6 | 6920 | 188.45 | 55500 | 1.15 | |
| 8.2 | 6410 | 174.40 | 56400 | 1.25 | R 137 D132S4 |
| 9.1 | 5740 | 156.31 | 57400 | 1.40 | RF 137 D132S4 |
| 10 | 5180 | 141.12 | 58200 | 1.55 | |
| 11 | 4710 | 128.18 | 58800 | 1.70 | |
| 13 | 4180 | 113.72 | 59300 | 1.90 | |
| 14 | 3790 | 103.20 | 59700 | 2.1 | |
| 16 | 3260 | 88.70 | 60200 | 2.5 | R 137 D132S4 |
| 18 | 2970 | 80.91 | 60400 | 2.7 | RF 137 D132S4 |
| 19 | 2700 | 73.49 | 60500 | 3.0 | |
| 22 | 2390 | 65.20 | 60700 | 3.3 | |
| 24 | 2170 | 59.17 | 60900 | 3.7 | |
| 28 | 1870 | 50.86 | 61000 | 4.3 | |
| 11 | 4690 | 127.68 | 27100 | 0.90 | |
| 12 | 4250 | 115.63 | 29800 | 1.00 | |
| 14 | 3770 | 102.53 | 32100 | 1.15 | |
| 15 | 3400 | 92.70 | 33500 | 1.25 | |
| 18 | 2980 | 78.57 | 33500 | 1.50 | R 107 D132S4 |
| 20 | 2680 | 72.88 | 32900 | 1.60 | RF 107 D132S4 |
| 22 | 2410 | 65.60 | 32100 | 1.80 | |
| 24 | 2180 | 59.41 | 31300 | 1.95 | |
| 27 | 1930 | 52.68 | 30300 | 2.2 | |
| 30 | 1750 | 47.63 | 29500 | 2.5 | |
| 35 | 1480 | 40.37 | 28200 | 2.9 | |
| 17 | 3050 | 83.15 | 17600 | 1.00 | |
| 20 | 2650 | 72.17 | 21800 | 1.15 | |
| 22 | 2390 | 65.21 | 24600 | 1.25 | |
| 24 | 2200 | 59.92 | 24200 | 1.35 | |
| 27 | 1950 | 53.21 | 23600 | 1.55 | R 97 D132S4 |
| 30 | 1750 | 47.58 | 23000 | 1.70 | RF 97 D132S4 |
| 33 | 1570 | 42.78 | 22500 | 1.90 | |
| 39 | 1360 | 37.13 | 21700 | 2.2 | |
| 43 | 1220 | 33.25 | 21100 | 2.4 | |
| 52 | 1010 | 27.58 | 20100 | 2.6 | |
| 45 | 1180 | 32.05 | 20900 | 2.2 | |
| 53 | 1000 | 27.19 | 20000 | 2.6 | |
| 57 | 920 | 25.03 | 19600 | 3.1 | R 97 D132S4 |
| 64 | 820 | 22.37 | 19000 | 3.3 | RF 97 D132S4 |
| 71 | 740 | 20.14 | 18400 | 3.5 | |
| 78 | 670 | 18.24 | 17900 | 3.7 | |
| 88 | 595 | 16.17 | 17300 | 4.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **5.5kW** | | | | | |
| 30 | 1750 | 47.58 | 15400 | 0.90 | |
| 34 | 1530 | 41.74 | 17000 | 1.00 | R 87 D132S4 |
| 39 | 1350 | 36.84 | 17200 | 1.15 | RF 87 D132S4 |
| 44 | 1200 | 32.66 | 16700 | 1.30 | |
| 51 | 1020 | 27.88 | 16100 | 1.45 | |
| 51 | 1020 | 27.84 | 16100 | 1.50 | |
| 61 | 860 | 23.40 | 15500 | 1.80 | |
| 66 | 790 | 21.51 | 15200 | 1.90 | |
| 75 | 700 | 19.10 | 14700 | 2.0 | |
| 84 | 625 | 17.08 | 14300 | 2.2 | |
| 93 | 565 | 15.35 | 13900 | 2.4 | R 87 D132S4 |
| 107 | 490 | 13.33 | 13400 | 2.6 | RF 87 D132S4 |
| 120 | 440 | 11.93 | 13000 | 2.8 | |
| 144 | 365 | 9.90 | 12300 | 3.2 | |
| 156 | 335 | 9.14 | 12200 | 3.6 | |
| 174 | 300 | 8.22 | 11800 | 3.8 | |
| 200 | 260 | 7.13 | 11300 | 4.1 | |
| 76 | 690 | 18.80 | 9240 | 1.15 | R 77 D132S4 |
| 80 | 655 | 17.82 | 9400 | 1.20 | RF 77 D132S4 |
| 92 | 575 | 15.60 | 9150 | 1.30 | |
| 102 | 515 | 14.05 | 8950 | 1.40 | |
| 116 | 455 | 12.33 | 8690 | 1.50 | |
| 131 | 400 | 10.88 | 8440 | 1.65 | |
| 148 | 355 | 9.64 | 8190 | 1.80 | R 77 D132S4 |
| 166 | 315 | 8.59 | 8080 | 2.0 | RF 77 D132S4 |
| 185 | 285 | 7.74 | 7860 | 2.2 | |
| 211 | 250 | 6.79 | 7580 | 2.3 | |
| 239 | 220 | 5.99 | 7320 | 2.5 | |
| 269 | 195 | 5.31 | 7070 | 2.6 | |
| 91 | 580 | 15.79 | 6610 | 0.95 | |
| 96 | 550 | 14.91 | 6900 | 1.00 | |
| 113 | 465 | 12.70 | 6810 | 1.10 | |
| 124 | 425 | 11.54 | 6690 | 1.20 | |
| 143 | 365 | 10.00 | 6500 | 1.30 | |
| 164 | 320 | 8.70 | 6310 | 1.40 | R 67 D132S4 |
| 183 | 285 | 7.79 | 6180 | 1.35 | RF 67 D132S4 |
| 194 | 270 | 7.36 | 6100 | 1.35 | |
| 228 | 230 | 6.27 | 5860 | 1.45 | |
| 251 | 210 | 5.70 | 5720 | 1.50 | |
| 290 | 181 | 4.93 | 5510 | 1.60 | |
| 333 | 158 | 4.29 | 5310 | 1.70 | |
| 331 | 159 | 8.70 | 5300 | 2.8 | |
| 369 | 142 | 7.79 | 5160 | 2.7 | |
| 391 | 134 | 7.36 | 5080 | 2.8 | R 67 D132S2 |
| 460 | 114 | 6.27 | 4860 | 2.9 | RF 67 D132S2 |
| 506 | 104 | 5.70 | 4730 | 3.0 | |
| 584 | 90 | 4.93 | 4540 | 3.2 | |
| 671 | 78 | 4.29 | 4350 | 3.5 | |
| 97 | 545 | 14.77 | 1730 | 0.80 | |
| 103 | 510 | 13.95 | 2070 | 0.85 | R 57 D132S4 |
| 120 | 435 | 11.88 | 2900 | 0.95 | RF 57 D132S4 |
| 132 | 395 | 10.79 | 3270 | 1.00 | |
| 153 | 345 | 9.35 | 3240 | 1.10 | |
| 179 | 295 | 7.97 | 3220 | 1.20 | |
| 190 | 275 | 7.53 | 3200 | 1.25 | R 57 D132S4 |
| 223 | 235 | 6.41 | 3120 | 1.40 | RF 57 D132S4 |
| 246 | 215 | 5.82 | 3080 | 1.50 | |
| 283 | 185 | 5.05 | 3000 | 1.65 | |
| 326 | 161 | 4.39 | 2920 | 1.75 | |
| 308 | 171 | 9.35 | 2930 | 2.2 | |
| 361 | 145 | 7.97 | 2850 | 2.4 | |
| 383 | 137 | 7.53 | 2820 | 2.5 | R 57 D132S2 |
| 449 | 117 | 6.41 | 2720 | 2.9 | RF 57 D132S2 |
| 494 | 106 | 5.82 | 2660 | 3.0 | |
| 571 | 92 | 5.05 | 2560 | 3.3 | |
| 656 | 80 | 4.39 | 2470 | 3.5 | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **5.5kW** | | | | | |
| 295 | 178 | 4.85 | 1870 | 0.85 | R 47 D132S4 |
| 330 | 159 | 4.34 | 2110 | 0.90 | RF 47 D132S4 |
| 373 | 141 | 3.83 | 2080 | 1.00 | |
| 230 | 230 | 12.54 | 1730 | 1.10 | |
| 244 | 215 | 11.79 | 1910 | 1.15 | |
| 284 | 185 | 10.15 | 2250 | 1.25 | |
| 318 | 165 | 9.07 | 2220 | 1.35 | |
| 359 | 146 | 8.01 | 2170 | 1.40 | R 47 D132S2 |
| 480 | 109 | 6.00 | 2000 | 1.45 | RF 47 D132S2 |
| 511 | 103 | 5.64 | 1970 | 1.50 | |
| 593 | 89 | 4.85 | 1920 | 1.70 | |
| 664 | 79 | 4.34 | 1870 | 1.85 | |
| 752 | 70 | 3.83 | 1820 | 2.1 | |
| 216 | 245 | 6.63 | 10500 | 1.90 | |
| 255 | 205 | 5.61 | 9980 | 2.2 | RX 107 D132S4 |
| 276 | 191 | 5.19 | 9760 | 3.7 | RXF 107 D132S4 |
| 307 | 171 | 4.65 | 9460 | 4.1 | |
| 247 | 215 | 5.79 | 8380 | 1.95 | |
| 291 | 180 | 4.91 | 8010 | 2.2 | |
| 316 | 166 | 4.52 | 7820 | 3.6 | |
| 354 | 149 | 4.04 | 7580 | 4.0 | |
| 393 | 134 | 3.64 | 7350 | 4.4 | |
| 434 | 121 | 3.30 | 7140 | 4.9 | RX 97 D132S4 |
| 489 | 107 | 2.92 | 6890 | 5.5 | RXF 97 D132S4 |
| 541 | 97 | 2.64 | 6690 | 6.1 | |
| 638 | 82 | 2.24 | 6360 | 7.2 | |
| 731 | 72 | 1.96 | 6110 | 7.9 | |
| 874 | 60 | 1.64 | 5780 | 8.4 | |
| 1010 | 52 | 1.42 | 5530 | 8.8 | |
| 318 | 165 | 4.50 | 6040 | 1.75 | |
| 378 | 139 | 3.78 | 5770 | 2.2 | |
| 411 | 128 | 3.48 | 5640 | 3.2 | RX 87 D132S4 |
| 463 | 113 | 3.09 | 5460 | 3.6 | RXF 87 D132S4 |
| 518 | 101 | 2.76 | 5290 | 4.0 | |
| 576 | 91 | 2.48 | 5130 | 4.4 | |
| 664 | 79 | 2.15 | 4930 | 4.9 | |
| 440 | 119 | 3.25 | 4220 | 1.50 | |
| 464 | 113 | 3.08 | 4160 | 1.70 | |
| 530 | 99 | 2.70 | 4030 | 2.2 | |
| 589 | 89 | 2.43 | 3920 | 2.4 | RX 77 D132S4 |
| 671 | 78 | 2.13 | 3780 | 2.6 | RXF 77 D132S4 |
| 761 | 69 | 1.88 | 3660 | 2.7 | |
| 858 | 61 | 1.67 | 3540 | 2.8 | |
| 1005 | 52 | 1.42 | 3380 | 3.0 | |
| 563 | 93 | 2.54 | 2550 | 1.25 | |
| 596 | 88 | 2.40 | 2520 | 1.40 | |
| 700 | 75 | 2.04 | 2430 | 1.80 | RX 67 D132S4 |
| 770 | 68 | 1.86 | 2380 | 1.85 | RXF 67 D132S4 |
| 889 | 59 | 1.61 | 2300 | 1.95 | |
| 1020 | 51 | 1.40 | 2220 | 2.0 | |
| 700 | 75 | 2.04 | 665 | 0.90 | |
| 745 | 71 | 1.92 | 755 | 1.00 | RX 57 D132S4 |
| 866 | 61 | 1.65 | 940 | 1.15 | RXF 57 D132S4 |
| 969 | 54 | 1.48 | 1020 | 1.25 | |
| 1095 | 48 | 1.30 | 1160 | 1.30 | |
| **7.5kW** | | | | | |
| 2.8 | 23100 | 503 | 120000 | 0.80 | |
| 3.3 | 19800 | 432 | 120000 | 0.90 | |
| 3.8 | 17300 | 376 | 120000 | 1.05 | R 167R97 D132M4 |
| 4.3 | 15400 | 335 | 120000 | 1.15 | RF 167R97 D132M4 |
| 4.7 | 13900 | 303 | 120000 | 1.30 | |
| 5.1 | 12800 | 279 | 120000 | 1.40 | |
| 4.4 | 15000 | 326 | 50100 | 0.85 | |
| 5.1 | 12900 | 280 | 62900 | 1.00 | |
| 5.8 | 11400 | 247 | 65700 | 1.15 | R 147R87 D132M4 |
| 6.7 | 9810 | 214 | 68000 | 1.30 | RF 147R87 D132M4 |
| 7.6 | 8680 | 189 | 69500 | 1.50 | |
| 9.0 | 7290 | 159 | 71000 | 1.80 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **7.5kW** | | | | | |
| 3.1 | 22900 | 229.71 | 120000 | 0.80 | |
| 3.8 | 18600 | 186.93 | 120000 | 0.95 | R 167 D160L8 |
| 4.7 | 15200 | 153.07 | 120000 | 1.20 | RF 167 D160L8 |
| 5.1 | 13900 | 139.98 | 120000 | 1.30 | |
| 5.9 | 12100 | 121.81 | 120000 | 1.50 | |
| 4.2 | 17100 | 229.71 | 120000 | 1.05 | R 167 D160M6 |
| 5.1 | 13900 | 186.93 | 120000 | 1.30 | RF 167 D160M6 |
| 6.3 | 11400 | 153.07 | 120000 | 1.60 | |
| 6.9 | 10400 | 139.98 | 120000 | 1.70 | |
| 7.9 | 9090 | 121.81 | 120000 | 2.0 | |
| 8.9 | 8020 | 107.49 | 120000 | 2.2 | R 167 D160M6 |
| 10 | 6950 | 93.19 | 120000 | 2.6 | RF 167 D160M6 |
| 12 | 6190 | 82.91 | 120000 | 2.9 | |
| 13 | 5500 | 73.70 | 120000 | 3.3 | |
| 14 | 5030 | 67.40 | 120000 | 3.6 | |
| 4.4 | 16200 | 163.31 | 32800 | 0.80 | |
| 4.9 | 14600 | 146.91 | 55100 | 0.90 | R 147 D160L8 |
| 6.0 | 11900 | 119.86 | 64700 | 1.10 | RF 147 D160L8 |
| 6.6 | 10900 | 109.31 | 66500 | 1.20 | |
| 5.9 | 12200 | 163.31 | 64200 | 1.05 | |
| 6.5 | 11000 | 146.91 | 66300 | 1.20 | R 147 D160M6 |
| 8.0 | 8940 | 119.86 | 69200 | 1.45 | RF 147 D160M6 |
| 8.8 | 8150 | 109.31 | 70100 | 1.60 | |
| 10 | 700 | 94.60 | 71300 | 1.85 | R 147 D160M6 |
| 12 | 6230 | 83.47 | 72000 | 2.1 | RF 147 D160M6 |
| 7.6 | 9440 | 188.45 | 45300 | 0.85 | |
| 8.2 | 8730 | 174.40 | 50800 | 0.90 | R 137 D132M4 |
| 9.1 | 7830 | 156.31 | 53700 | 1.00 | RF 137 D132M4 |
| 10 | 7070 | 141.12 | 55200 | 1.15 | |
| 11 | 6420 | 128.18 | 56400 | 1.25 | |
| 13 | 5700 | 113.72 | 57500 | 1.40 | |
| 14 | 5170 | 103.20 | 58200 | 1.55 | |
| 16 | 4440 | 88.70 | 59100 | 1.80 | R 137 D132M4 |
| 18 | 4050 | 80.91 | 59500 | 1.95 | RF 137 D132M4 |
| 19 | 3680 | 73.49 | 59800 | 2.2 | |
| 22 | 3270 | 65.20 | 60100 | 2.5 | |
| 24 | 2960 | 59.17 | 60400 | 2.7 | |
| 28 | 2550 | 50.86 | 60600 | 3.1 | |
| 15 | 4640 | 92.70 | 27500 | 0.95 | |
| 18 | 3940 | 78.57 | 31300 | 1.10 | |
| 20 | 3650 | 72.88 | 31300 | 1.20 | |
| 22 | 3290 | 65.60 | 30600 | 1.30 | |
| 24 | 2980 | 59.41 | 30000 | 1.45 | R 107 D132M4 |
| 27 | 2640 | 52.68 | 29200 | 1.65 | RF 107 D132M4 |
| 30 | 2390 | 47.63 | 28500 | 1.80 | |
| 35 | 2020 | 40.37 | 27300 | 2.1 | |
| 41 | 1770 | 35.26 | 26400 | 2.4 | |
| 48 | 1480 | 29.49 | 25200 | 2.9 | |
| 46 | 1540 | 30.77 | 25500 | 2.8 | |
| 52 | 1380 | 27.58 | 24700 | 3.1 | R 107 D132M4 |
| 57 | 1250 | 24.90 | 24100 | 3.5 | RF 107 D132M4 |
| 63 | 1130 | 22.62 | 23400 | 3.8 | |
| 24 | 3000 | 59.92 | 19700 | 1.00 | |
| 27 | 2670 | 53.21 | 22200 | 1.15 | R 97 D132M4 |
| 30 | 2380 | 47.58 | 21800 | 1.25 | RF 97 D132M4 |
| 33 | 2140 | 42.78 | 21300 | 1.40 | |
| 39 | 1860 | 37.13 | 20700 | 1.60 | |
| 43 | 1670 | 33.25 | 20200 | 1.75 | R 97 D132M4 |
| 52 | 1380 | 27.58 | 19400 | 1.95 | RF 97 D132M4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **7.5kW** | | | | | |
| 45 | 1610 | 32.05 | 20000 | 1.60 | |
| 53 | 1360 | 27.19 | 19300 | 1.90 | |
| 57 | 1250 | 25.03 | 18900 | 2.3 | R 97 D132M4 |
| 64 | 1120 | 22.37 | 18400 | 2.4 | RF 97 D132M4 |
| 71 | 1010 | 20.14 | 17900 | 2.6 | |
| 78 | 910 | 18.24 | 17500 | 2.7 | |
| 39 | 1840 | 36.84 | 11500 | 0.85 | |
| 44 | 1640 | 32.66 | 15700 | 0.95 | R 87 D132M4 |
| 51 | 1400 | 27.88 | 15200 | 1.05 | RF 87 D132M4 |
| 51 | 1390 | 27.84 | 15200 | 1.10 | |
| 61 | 1170 | 23.40 | 14700 | 1.30 | |
| 66 | 1080 | 21.51 | 14500 | 1.40 | |
| 75 | 960 | 19.10 | 14100 | 1.50 | |
| 84 | 860 | 17.08 | 13700 | 1.65 | |
| 93 | 770 | 15.35 | 12500 | 1.75 | |
| 107 | 670 | 13.33 | 12900 | 1.90 | R 87 D132M4 |
| 120 | 600 | 11.93 | 12600 | 2.1 | RF 87 D132M4 |
| 144 | 495 | 9.90 | 12000 | 2.4 | |
| 156 | 460 | 9.14 | 11900 | 2.6 | |
| 174 | 410 | 8.22 | 11600 | 2.8 | |
| 200 | 355 | 7.13 | 11100 | 3.0 | |
| 224 | 320 | 6.39 | 10800 | 3.2 | |
| 270 | 265 | 5.30 | 10200 | 3.4 | |
| 76 | 940 | 18.80 | 5310 | 0.85 | |
| 80 | 890 | 17.82 | 5720 | 0.85 | |
| 92 | 780 | 15.60 | 6610 | 0.95 | |
| 102 | 705 | 14.05 | 7180 | 1.00 | |
| 116 | 615 | 12.33 | 7750 | 1.10 | |
| 131 | 545 | 10.88 | 8010 | 1.20 | R 77 D132M4 |
| 148 | 485 | 9.64 | 7810 | 1.30 | RF 77 D132M4 |
| 166 | 430 | 8.59 | 7620 | 1.45 | |
| 185 | 390 | 7.74 | 7590 | 1.55 | |
| 211 | 340 | 6.79 | 7340 | 1.70 | |
| 239 | 300 | 5.99 | 7110 | 1.80 | |
| 269 | 265 | 5.31 | 6890 | 1.90 | |
| 113 | 635 | 12.70 | 4240 | 0.80 | |
| 124 | 580 | 11.54 | 4860 | 0.85 | |
| 143 | 500 | 10.00 | 5620 | 0.95 | |
| 164 | 435 | 8.70 | 5930 | 1.00 | |
| 183 | 390 | 7.79 | 5500 | 0.95 | R 67 D132M4 |
| 194 | 370 | 7.36 | 5720 | 1.00 | RF 67 D132M4 |
| 228 | 315 | 6.27 | 5600 | 1.05 | |
| 251 | 285 | 5.70 | 5480 | 1.10 | |
| 290 | 245 | 4.93 | 5300 | 1.15 | |
| 333 | 215 | 4.29 | 5130 | 1.25 | |
| 179 | 400 | 7.97 | 980 | 0.90 | |
| 190 | 375 | 7.53 | 1280 | 0.95 | |
| 223 | 320 | 6.41 | 2020 | 1.05 | R 57 D132M4 |
| 246 | 290 | 5.82 | 2380 | 1.10 | RF 57 D132M4 |
| 283 | 255 | 5.05 | 2760 | 1.20 | |
| 326 | 220 | 4.39 | 2710 | 1.25 | |
| 196 | 365 | 14.77 | 2580 | 1.20 | |
| 208 | 345 | 13.95 | 2780 | 1.25 | |
| 244 | 295 | 11.88 | 2780 | 1.40 | |
| 269 | 265 | 10.79 | 2750 | 1.45 | |
| 310 | 230 | 9.35 | 2710 | 1.60 | R 57 D132M2 |
| 364 | 197 | 7.97 | 2670 | 1.80 | RF 57 D132M2 |
| 385 | 186 | 7.53 | 2640 | 1.90 | |
| 452 | 158 | 6.41 | 2570 | 2.1 | |
| 498 | 144 | 5.82 | 2520 | 2.2 | |
| 575 | 125 | 5.05 | 2440 | 2.5 | |
| 660 | 108 | 4.39 | 2370 | 2.6 | |
| 216 | 330 | 6.63 | 10100 | 1.40 | |
| 255 | 280 | 5.61 | 9690 | 1.60 | RX 107 D132M4 |
| 276 | 260 | 5.19 | 9490 | 2.7 | RXF 107 D132M4 |
| 307 | 235 | 4.65 | 9210 | 3.0 | |
| 340 | 210 | 4.20 | 8950 | 3.9 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **7.5kW** | | | | | |
| 247 | 290 | 5.79 | 8080 | 1.45 | |
| 291 | 245 | 4.91 | 7750 | 1.60 | |
| 316 | 225 | 4.52 | 7580 | 2.6 | |
| 354 | 205 | 4.04 | 7360 | 2.9 | RX 97 D132M4 |
| 393 | 182 | 3.64 | 7160 | 3.3 | RXF 97 D132M4 |
| 434 | 165 | 3.30 | 6960 | 3.6 | |
| 489 | 146 | 2.92 | 6730 | 4.1 | |
| 318 | 225 | 4.50 | 5760 | 1.30 | |
| 378 | 189 | 3.78 | 5530 | 1.60 | |
| 411 | 174 | 3.48 | 5420 | 2.3 | |
| 463 | 155 | 3.09 | 5260 | 2.6 | |
| 518 | 138 | 2.76 | 5110 | 2.9 | RX 87 D132M4 |
| 576 | 124 | 2.48 | 4970 | 3.3 | RXF 87 D132M4 |
| 664 | 108 | 2.15 | 4780 | 3.6 | |
| 741 | 97 | 1.93 | 4640 | 3.7 | |
| 894 | 80 | 1.60 | 4400 | 3.9 | |
| 1030 | 70 | 1.39 | 4230 | 4.2 | |
| 440 | 163 | 3.25 | 3820 | 1.10 | |
| 464 | 154 | 3.08 | 3890 | 1.25 | |
| 530 | 135 | 2.70 | 3820 | 1.60 | |
| 589 | 122 | 2.43 | 3730 | 1.75 | RX 77 D132M4 |
| 671 | 107 | 2.13 | 3620 | 1.85 | RXF 77 D132M4 |
| 761 | 94 | 1.88 | 3510 | 2.0 | |
| 858 | 84 | 1.67 | 3400 | 2.1 | |
| 1005 | 71 | 1.42 | 3260 | 2.2 | |
| 563 | 127 | 2.54 | 1500 | 0.95 | |
| 596 | 120 | 2.40 | 1610 | 1.00 | |
| 700 | 102 | 2.04 | 1810 | 1.30 | RX 67 D132M4 |
| 770 | 93 | 1.86 | 1930 | 1.35 | RXF 67 D132M4 |
| 889 | 81 | 1.61 | 2060 | 1.40 | |
| 1020 | 70 | 1.40 | 2080 | 1.50 | |
| **9.2*kW** | | | | | |
| 3.8 | 21100 | 3.76 | 120000 | 0.85 | |
| 4.3 | 18800 | 335 | 120000 | 0.95 | R 167 D132ML4 |
| 4.8 | 16900 | 303 | 120000 | 1.05 | RF 167 D132ML4 |
| 5.2 | 15600 | 279 | 120000 | 1.15 | |
| 5.1 | 15700 | 280 | 40800 | 0.85 | |
| 5.8 | 13900 | 247 | 60800 | 0.95 | R 147 D132ML4 |
| 6.7 | 12000 | 214 | 64600 | 1.10 | RF 147 D132ML4 |
| 7.6 | 10600 | 189 | 66900 | 1.25 | |
| 9.1 | 8900 | 159 | 69300 | 1.45 | |
| 8.8 | 9960 | 163.31 | 67800 | 1.30 | |
| 9.8 | 8960 | 146.91 | 69200 | 1.45 | R 147 D132ML4 |
| 12 | 7310 | 119.86 | 71000 | 1.80 | RF 147 D132ML4 |
| 13 | 6670 | 109.31 | 71600 | 1.95 | |
| 15 | 5770 | 94.60 | 72400 | 2.2 | R 147 D132ML4 |
| 17 | 5090 | 83.47 | 72900 | 2.5 | RF 147 D132ML4 |
| 20 | 4400 | 72.09 | 73300 | 3.0 | |
| 22 | 4090 | 66.99 | 73500 | 3.2 | |
| 9.2 | 9540 | 156.31 | 43400 | 0.85 | |
| 10 | 8610 | 141.12 | 51400 | 0.95 | R 137 D132ML4 |
| 11 | 7820 | 128.72 | 53800 | 1.00 | RF 137 D132ML4 |
| 13 | 6940 | 113.72 | 55500 | 1.15 | |
| 14 | 6300 | 103.20 | 56600 | 1.25 | |
| 16 | 5410 | 88.70 | 57900 | 1.50 | |
| 18 | 4940 | 80.91 | 58500 | 1.60 | |
| 20 | 4480 | 73.49 | 59000 | 1.80 | R 137 D132ML4 |
| 22 | 3980 | 65.20 | 59500 | 2.0 | RF 137 D132ML4 |
| 24 | 3610 | 59.17 | 59900 | 2.2 | |
| 28 | 3100 | 50.86 | 60300 | 2.6 | |
| 32 | 2710 | 44.39 | 60500 | 3.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **9.2*kW** | | | | | |
| 18 | 4790 | 78.57 | 23300 | 0.90 | |
| 20 | 4450 | 72.88 | 28600 | 0.95 | |
| 22 | 4000 | 65.60 | 29400 | 1.05 | |
| 24 | 3620 | 59.41 | 28800 | 1.20 | R 107 D132ML4 |
| 27 | 3210 | 52.68 | 28100 | 1.35 | RF 107 D132ML4 |
| 30 | 2910 | 47.63 | 27500 | 1.50 | |
| 36 | 2460 | 40.37 | 26500 | 1.75 | |
| 41 | 2150 | 35.26 | 25700 | 2.0 | |
| 49 | 1800 | 29.49 | 24600 | 2.4 | |
| 47 | 1880 | 30.77 | 24900 | 2.3 | |
| 52 | 1680 | 27.58 | 24200 | 2.6 | R 107 D132ML4 |
| 58 | 1520 | 24.90 | 23500 | 2.8 | RF 107 D132ML4 |
| 64 | 1380 | 22.62 | 23000 | 3.1 | |
| 72 | 1220 | 20.07 | 22200 | 3.5 | |
| 27 | 3250 | 53.21 | 3280 | 0.90 | R 97 D132ML4 |
| 30 | 2900 | 47.58 | 20600 | 1.05 | RF 97 D132ML4 |
| 34 | 2610 | 42.78 | 20300 | 1.15 | |
| 39 | 2270 | 37.13 | 19800 | 1.30 | R 97 D132ML4 |
| 43 | 2030 | 33.25 | 19400 | 1.40 | RF 97 D132ML4 |
| 52 | 1680 | 27.58 | 18700 | 1.60 | |
| 58 | 1530 | 25.03 | 18300 | 1.85 | |
| 64 | 1370 | 22.37 | 17900 | 2.0 | |
| 71 | 1230 | 20.14 | 17400 | 2.1 | R 97 D132ML4 |
| 79 | 1110 | 18.24 | 17000 | 2.2 | RF 97 D132ML4 |
| 89 | 990 | 16.17 | 16500 | 2.4 | |
| 98 | 890 | 14.62 | 16100 | 2.6 | |
| 116 | 755 | 12.39 | 15400 | 2.9 | |
| 67 | 1310 | 21.51 | 13900 | 1.15 | |
| 75 | 1170 | 19.10 | 13600 | 1.25 | |
| 84 | 1040 | 17.08 | 13200 | 1.35 | |
| 94 | 940 | 15.35 | 13000 | 1.45 | |
| 108 | 810 | 13.33 | 12600 | 1.55 | R 87 D132ML4 |
| 121 | 730 | 11.93 | 12200 | 1.70 | RF 87 D132ML4 |
| 145 | 605 | 9.90 | 11700 | 1.95 | |
| 158 | 560 | 9.14 | 11700 | 2.2 | |
| 175 | 500 | 8.22 | 11400 | 2.3 | |
| 202 | 435 | 7.13 | 10900 | 2.5 | |
| 225 | 390 | 6.39 | 10600 | 2.6 | |
| 102 | 860 | 14.05 | 4740 | 0.85 | |
| 117 | 750 | 12.33 | 5610 | 0.90 | R 77 D132ML4 |
| 132 | 665 | 10.88 | 6280 | 1.00 | RF 77 D132ML4 |
| 149 | 590 | 9.64 | 6800 | 1.05 | |
| 186 | 470 | 7.74 | 6300 | 1.30 | |
| 212 | 415 | 6.79 | 6720 | 1.40 | R 77 D132ML4 |
| 240 | 365 | 5.99 | 6920 | 1.50 | RF 77 D132ML4 |
| 271 | 325 | 5.31 | 6720 | 1.55 | |
| 277 | 315 | 5.19 | 9240 | 2.2 | |
| 310 | 285 | 4.65 | 8990 | 2.5 | RX 107 D132ML4 |
| 343 | 255 | 4.20 | 8760 | 3.2 | RXF 107 D132ML4 |
| 377 | 235 | 3.81 | 8540 | 3.6 | |
| 425 | 205 | 3.38 | 8270 | 4.0 | |
| 318 | 275 | 4.52 | 7370 | 2.2 | |
| 356 | 245 | 4.04 | 7170 | 2.4 | |
| 396 | 220 | 3.64 | 6980 | 2.7 | |
| 437 | 200 | 3.30 | 6800 | 3.0 | |
| 493 | 178 | 2.92 | 6590 | 3.3 | RX 97 D132ML4 |
| 545 | 161 | 2.64 | 6410 | 3.7 | RXF 97 D132ML4 |
| 643 | 137 | 2.24 | 6120 | 4.3 | |
| 736 | 119 | 1.96 | 5890 | 4.8 | |
| 880 | 100 | 1.64 | 5590 | 5.1 | |
| 1015 | 86 | 1.42 | 5360 | 5.3 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **9.2kW** | | | | | |
| 414 | 210 | 3.48 | 5220 | 1.90 | |
| 466 | 188 | 3.09 | 5080 | 2.2 | |
| 522 | 168 | 2.76 | 4950 | 2.4 | |
| 580 | 151 | 2.48 | 4820 | 2.7 | RX 87 R107 D132ML4 |
| 669 | 131 | 2.15 | 4650 | 2.9 | RXF 87 R107 D132ML4 |
| 747 | 118 | 1.93 | 4520 | 3.0 | |
| 900 | 98 | 1.60 | 4300 | 3.2 | |
| 1035 | 85 | 1.39 | 4140 | 3.4 | |
| 593 | 148 | 2.43 | 3010 | 1.45 | |
| 676 | 130 | 2.13 | 3160 | 1.55 | RX 77 R107 D132ML4 |
| 766 | 115 | 1.88 | 3260 | 1.65 | RXF 77 R107 D132ML4 |
| 864 | 102 | 1.67 | 3280 | 1.70 | |
| 1010 | 87 | 1.42 | 3160 | 1.80 | |
| **11.0kW** | | | | | |
| 4.9 | 19600 | 295 | 120000 | 0.90 | |
| 5.3 | 18100 | 270 | 120000 | 1.00 | R 167 R97 D160M4 |
| 6.3 | 15300 | 229 | 120000 | 1.20 | RF 167 R97 D160M4 |
| 7.2 | 13400 | 200 | 120000 | 1.35 | |
| 8.5 | 11300 | 169 | 120000 | 1.60 | |
| 5.0 | 19800 | 291 | 120000 | 0.90 | R 167 R87 D160M4 |
| | | | | | RF 167 R87 D160M4 |
| 4.3 | 22500 | 335 | 120000 | 0.80 | R 167 D160M4 |
| 4.8 | 20300 | 303 | 120000 | 0.90 | RF 167 D160M4 |
| 5.2 | 18700 | 279 | 120000 | 0.95 | |
| 5.8 | 16600 | 247 | 26800 | 0.80 | |
| 6.7 | 14300 | 214 | 58300 | 0.90 | R 147 D160M4 |
| 7.6 | 12700 | 189 | 63300 | 1.05 | RF 147 D160M4 |
| 9.1 | 10700 | 159 | 66800 | 1.20 | |
| 5.1 | 20500 | 186.93 | 120000 | 0.90 | |
| 6.3 | 16700 | 153.07 | 120000 | 1.05 | R 167 D160L6 |
| 6.9 | 15300 | 139.98 | 120000 | 1.20 | RF 167 D160L6 |
| 7.9 | 13300 | 121.81 | 120000 | 1.35 | |
| 6.3 | 16800 | 229.71 | 120000 | 1.05 | R 167 D160M4 |
| 7.7 | 13600 | 186.93 | 120000 | 1.30 | RF 167 D160M4 |
| 9.4 | 11200 | 153.07 | 120000 | 1.60 | |
| 10 | 10200 | 139.98 | 120000 | 1.75 | |
| 12 | 8890 | 121.81 | 120000 | 2.0 | R 167 D160M4 |
| 13 | 7840 | 107.49 | 120000 | 2.3 | RF 167 D160M4 |
| 15 | 6800 | 93.19 | 120000 | 2.7 | |
| 17 | 6050 | 82.91 | 120000 | 3.0 | |
| 6.5 | 16100 | 146.91 | 35400 | 0.80 | |
| 8.0 | 13100 | 119.86 | 62400 | 1.00 | R 147 D160L6 |
| 8.8 | 12000 | 109.31 | 64600 | 1.10 | RF 147 D160L6 |
| 10 | 10400 | 94.60 | 67300 | 1.25 | |
| 12 | 9130 | 83.47 | 39000 | 1.40 | |
| 8.8 | 11900 | 163.31 | 64700 | 1.10 | R 147 D160M4 |
| 9.8 | 10700 | 146.91 | 66700 | 1.20 | RF 147 D160M4 |
| 12 | 8740 | 119.86 | 69400 | 1.50 | |
| 13 | 7970 | 109.31 | 70300 | 1.65 | |
| 15 | 6900 | 94.60 | 71400 | 1.90 | |
| 17 | 6090 | 83.47 | 72100 | 2.1 | R 147 D160M4 |
| 20 | 5260 | 72.09 | 72800 | 2.5 | RF 147 D160M4 |
| 22 | 4890 | 66.99 | 73000 | 2.7 | |
| 24 | 4460 | 61.09 | 73300 | 2.9 | |
| 27 | 3860 | 52.87 | 73600 | 3.4 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **11.0kW** | | | | | | | |
| 10 | 10300 | 142.12 | 23300 | 0.80 | | | |
| 11 | 9350 | 128.18 | 46900 | 0.85 | | | |
| 13 | 8300 | 113.72 | 52700 | 0.95 | | | |
| 14 | 7530 | 103.20 | 54400 | 1.05 | | | |
| 16 | 6470 | 88.70 | 56300 | 1.25 | | | |
| 18 | 5900 | 80.91 | 57200 | 1.35 | R | 137 | D160M4 |
| 20 | 5360 | 73.49 | 57900 | 1.50 | RF | 137 | D160M4 |
| 22 | 4760 | 65.20 | 58700 | 1.70 | | | |
| 24 | 4320 | 59.17 | 59200 | 1.85 | | | |
| 28 | 3710 | 50.86 | 59800 | 2.2 | | | |
| 32 | 3240 | 44.39 | 60200 | 2.5 | | | |
| 38 | 2750 | 37.65 | 60500 | 2.9 | | | |
| 44 | 2400 | 32.91 | 60700 | 3.3 | | | |
| 22 | 4790 | 65.60 | 23700 | 0.90 | | | |
| 24 | 4330 | 59.41 | 27600 | 1.00 | | | |
| 27 | 3840 | 52.68 | 27100 | 1.10 | R | 107 | D160M4 |
| 30 | 3470 | 47.63 | 26600 | 1.25 | RF | 107 | D160M4 |
| 36 | 2940 | 40.37 | 25700 | 1.45 | | | |
| 41 | 2570 | 35.26 | 25000 | 1.65 | | | |
| 49 | 2150 | 29.49 | 24000 | 2.0 | | | |
| 47 | 2240 | 30.77 | 24200 | 1.90 | | | |
| 52 | 2010 | 27.58 | 23600 | 2.1 | | | |
| 58 | 1820 | 24.90 | 23100 | 2.4 | R | 107 | D160M4 |
| 64 | 1650 | 22.62 | 22500 | 2.6 | RF | 107 | D160M4 |
| 72 | 1460 | 20.07 | 21800 | 2.9 | | | |
| 79 | 1330 | 18.21 | 21300 | 3.2 | | | |
| 34 | 3120 | 42.78 | 14500 | 0.95 | | | |
| 39 | 2710 | 37.13 | 18900 | 1.10 | R | 97 | D160M4 |
| 43 | 2430 | 33.25 | 18600 | 1.20 | RF | 97 | D160M4 |
| 52 | 2010 | 27.58 | 18000 | 1.35 | | | |
| 58 | 1830 | 25.03 | 17700 | 1.55 | R | 97 | D160M4 |
| 64 | 1630 | 22.37 | 17300 | 1.65 | RF | 97 | D160M4 |
| 71 | 1470 | 20.14 | 16900 | 1.80 | | | |
| 79 | 1330 | 18.24 | 16600 | 1.90 | | | |
| 89 | 1180 | 16.17 | 16100 | 2.0 | | | |
| 98 | 1070 | 14.62 | 15700 | 2.2 | | | |
| 116 | 900 | 12.39 | 15100 | 2.4 | R | 97 | D160M4 |
| 133 | 790 | 10.83 | 14600 | 2.7 | RF | 97 | D160M4 |
| 155 | 675 | 9.29 | 14300 | 3.0 | | | |
| 172 | 610 | 8.39 | 13900 | 3.3 | | | |
| 202 | 520 | 7.12 | 13200 | 3.8 | | | |
| 232 | 455 | 6.21 | 12700 | 4.2 | | | |
| 67 | 1570 | 21.51 | 13200 | 0.95 | R | 87 | D160M4 |
| 75 | 1390 | 19.10 | 13000 | 1.05 | RF | 87 | D160M4 |
| 84 | 1250 | 17.08 | 12800 | 1.10 | | | |
| 94 | 1120 | 15.35 | 12500 | 1.20 | | | |
| 108 | 970 | 13.33 | 12200 | 1.30 | | | |
| 121 | 870 | 11.93 | 11900 | 1.40 | | | |
| 145 | 720 | 9.90 | 11400 | 1.65 | R | 87 | D160M4 |
| 158 | 665 | 9.14 | 11500 | 1.80 | RF | 87 | D160M4 |
| 175 | 600 | 8.22 | 11200 | 1.95 | | | |
| 202 | 520 | 7.13 | 10800 | 2.1 | | | |
| 225 | 465 | 6.39 | 10400 | 2.2 | | | |
| 272 | 385 | 5.30 | 9910 | 2.3 | | | |
| 132 | 795 | 10.88 | 4250 | 0.85 | R | 77 | D160M4 |
| 149 | 705 | 9.64 | 5000 | 0.90 | RF | 77 | D160M4 |
| 186 | 565 | 7.74 | 4630 | 1.10 | | | |
| 212 | 495 | 6.79 | 5250 | 1.15 | R | 77 | D160M4 |
| 240 | 435 | 5.99 | 5720 | 1.25 | RF | 77 | D160M4 |
| 271 | 390 | 5.31 | 6090 | 1.30 | | | |
| 277 | 380 | 5.19 | 9000 | 1.85 | | | |
| 310 | 340 | 4.65 | 8770 | 2.0 | | | |
| 343 | 305 | 4.20 | 8560 | 2.7 | RX | 107 | D160M4 |
| 377 | 280 | 3.81 | 8360 | 3.0 | RXF | 107 | D160M4 |
| 425 | 245 | 3.38 | 8100 | 3.4 | | | |
| 469 | 225 | 3.07 | 7900 | 3.7 | | | |
| 545 | 193 | 2.64 | 7580 | 4.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **11.0kW** | | | | | | | |
| 318 | 330 | 4.52 | 7150 | 1.80 | | | |
| 356 | 295 | 4.04 | 6970 | 2.0 | | | |
| 396 | 265 | 3.64 | 6800 | 2.2 | | | |
| 437 | 240 | 3.30 | 6640 | 2.5 | | | |
| 493 | 215 | 2.92 | 6440 | 2.8 | RX | 97 | D160M4 |
| 545 | 193 | 2.64 | 6280 | 3.1 | RXF | 97 | D160M4 |
| 643 | 163 | 2.24 | 6000 | 3.6 | | | |
| 736 | 143 | 1.96 | 5790 | 4.0 | | | |
| 880 | 119 | 1.64 | 5500 | 4.2 | | | |
| 1015 | 103 | 1.42 | 5280 | 4.4 | | | |
| 414 | 255 | 3.48 | 5030 | 1.60 | | | |
| 466 | 225 | 3.09 | 4910 | 1.80 | RX | 87 | D160M4 |
| 522 | 200 | 2.76 | 4790 | 2.0 | RXF | 87 | D160M4 |
| 580 | 181 | 2.48 | 4680 | 2.2 | | | |
| 669 | 157 | 2.15 | 4530 | 2.5 | | | |
| 747 | 141 | 1.93 | 4400 | 2.5 | RX | 87 | D160M4 |
| 900 | 117 | 1.60 | 4200 | 2.8 | RXF | 87 | D160M4 |
| 1035 | 102 | 1.39 | 4050 | 2.9 | | | |
| 593 | 177 | 2.43 | 1890 | 1.20 | | | |
| 676 | 155 | 2.13 | 2140 | 1.30 | RX | 77 | D160M4 |
| 766 | 137 | 1.88 | 2330 | 1.35 | RXF | 77 | D160M4 |
| 864 | 122 | 1.67 | 2460 | 1.40 | | | |
| 1010 | 104 | 1.42 | 2580 | 1.50 | | | |
| **15.0kW** | | | | | | | |
| 6.4 | 20700 | 229 | 120000 | 0.85 | R | 167 | R107 D160L4 |
| 7.3 | 18100 | 200 | 120000 | 1.00 | RF | 167 | R107 D160L4 |
| 8.6 | 15200 | 169 | 120000 | 1.20 | | | |
| 6.4 | 20800 | 227 | 120000 | 0.85 | R | 167 | R107 D160L4 |
| 7.4 | 18100 | 198 | 120000 | 1.00 | RF | 167 | R107 D160L4 |
| 6.3 | 22600 | 153.07 | 120000 | 0.80 | | | |
| 6.9 | 20700 | 139.98 | 120000 | 0.85 | R | 167 | D180L6 |
| 8.0 | 18000 | 121.81 | 120000 | 1.00 | RF | 167 | D180L6 |
| 9.0 | 15900 | 107.49 | 120000 | 1.15 | | | |
| 6.4 | 22500 | 229.71 | 120000 | 0.80 | R | 167 | D160L4 |
| 7.8 | 18300 | 186.93 | 120000 | 1.00 | RF | 167 | D160L4 |
| 9.5 | 15000 | 153.07 | 120000 | 1.20 | | | |
| 10 | 13700 | 139.98 | 120000 | 1.30 | | | |
| 12 | 12000 | 121.81 | 120000 | 1.50 | | | |
| 14 | 10500 | 107.49 | 120000 | 1.70 | R | 167 | D160L4 |
| 16 | 9140 | 93.19 | 120000 | 1.95 | RF | 167 | D160L4 |
| 18 | 8130 | 82.91 | 120000 | 2.2 | | | |
| 20 | 7230 | 73.70 | 120000 | 2.5 | | | |
| 22 | 6610 | 67.40 | 120000 | 2.7 | | | |
| 8.9 | 16100 | 109.31 | 34400 | 0.80 | | | |
| 10 | 14000 | 94.60 | 60600 | 0.95 | R | 147 | D180L6 |
| 12 | 12300 | 83.47 | 64000 | 1.05 | RF | 147 | D180L6 |
| 13 | 10600 | 72.09 | 66800 | 1.20 | | | |
| 14 | 9890 | 66.99 | 67900 | 1.30 | | | |
| 8.9 | 16000 | 163.31 | 36200 | 0.80 | | | |
| 9.9 | 14400 | 146.91 | 57400 | 0.90 | R | 147 | D160L4 |
| 12 | 11800 | 119.86 | 65000 | 1.10 | RF | 147 | D160L4 |
| 13 | 10700 | 109.31 | 66700 | 1.20 | | | |
| 15 | 9280 | 94.60 | 68800 | 1.40 | | | |
| 17 | 8190 | 83.47 | 70100 | 1.60 | | | |
| 20 | 7070 | 72.09 | 71300 | 1.85 | R | 147 | D160L4 |
| 22 | 6570 | 66.99 | 71700 | 2.0 | RF | 147 | D160L4 |
| 24 | 5990 | 61.09 | 72200 | 2.2 | | | |
| 28 | 5190 | 52.87 | 72800 | 2.5 | | | |
| 31 | 4580 | 46.65 | 73200 | 2.8 | | | |
| 14 | 10100 | 103.20 | 30700 | 0.80 | | | |
| 16 | 8700 | 88.70 | 51000 | 0.90 | R | 137 | D160L4 |
| 18 | 7940 | 80.91 | 53500 | 1.00 | RF | 137 | D160L4 |
| 20 | 7210 | 73.49 | 55000 | 1.10 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **15.0kW** | | | | | | | |
| 22 | 6400 | 65.20 | 56400 | 1.25 | | | |
| 25 | 5800 | 59.17 | 57300 | 1.40 | | | |
| 29 | 4990 | 50.86 | 58400 | 1.60 | R | 137 | D160L4 |
| 33 | 4360 | 44.39 | 59100 | 1.85 | RF | 137 | D160L4 |
| 39 | 3690 | 37.65 | 59800 | 2.2 | | | |
| 44 | 3230 | 32.91 | 60200 | 2.5 | | | |
| 52 | 2730 | 27.83 | 60500 | 2.8 | | | |
| 31 | 4670 | 47.63 | 24500 | 0.90 | | | |
| 36 | 3960 | 40.37 | 23900 | 1.10 | R | 107 | D160L4 |
| 41 | 3460 | 35.26 | 23400 | 1.25 | RF | 107 | D160L4 |
| 50 | 2890 | 29.49 | 22600 | 1.50 | | | |
| 47 | 3020 | 30.77 | 22800 | 1.40 | | | |
| 53 | 2710 | 27.58 | 22400 | 1.60 | | | |
| 59 | 2440 | 24.90 | 21900 | 1.75 | | | |
| 65 | 2220 | 22.62 | 21400 | 1.95 | R | 107 | D160L4 |
| 73 | 1970 | 20.07 | 20900 | 2.2 | RF | 107 | D160L4 |
| 80 | 1790 | 18.21 | 20400 | 2.4 | | | |
| 93 | 1540 | 15.65 | 19700 | 2.8 | | | |
| 107 | 1340 | 13.66 | 19000 | 3.2 | | | |
| 53 | 2710 | 27.58 | 16500 | 1.00 | R | 97 | D160L4 |
| | | | | | RF | 97 | D160L4 |
| 58 | 2460 | 25.03 | 16300 | 1.15 | | | |
| 65 | 2200 | 22.37 | 16100 | 1.25 | | | |
| 72 | 1980 | 20.14 | 15800 | 1.30 | | | |
| 80 | 1790 | 18.24 | 15600 | 1.40 | | | |
| 90 | 1590 | 16.17 | 15200 | 1.50 | | | |
| 100 | 1430 | 14.62 | 14900 | 1.60 | R | 97 | D160L4 |
| 118 | 1220 | 12.39 | 14400 | 1.80 | RF | 97 | D160L4 |
| 135 | 1060 | 10.83 | 14000 | 1.95 | | | |
| 157 | 910 | 9.29 | 13800 | 2.2 | | | |
| 174 | 820 | 8.39 | 13400 | 2.5 | | | |
| 205 | 700 | 7.12 | 12800 | 2.9 | | | |
| 235 | 610 | 6.21 | 12400 | 3.1 | | | |
| 85 | 1680 | 17.08 | 11600 | 0.85 | | | |
| 95 | 1510 | 15.35 | 11500 | 0.90 | R | 87 | D160L4 |
| 110 | 1310 | 13.33 | 11300 | 1.00 | RF | 87 | D160L4 |
| 122 | 1170 | 11.93 | 11100 | 1.05 | | | |
| 147 | 970 | 9.90 | 10700 | 1.20 | | | |
| 160 | 900 | 9.14 | 11000 | 1.35 | | | |
| 178 | 810 | 8.22 | 10700 | 1.45 | R | 87 | D160L4 |
| 205 | 700 | 7.13 | 10300 | 1.55 | RF | 87 | D160L4 |
| 229 | 625 | 6.39 | 10100 | 1.65 | | | |
| 275 | 520 | 5.30 | 96000 | 1.75 | | | |
| 281 | 510 | 5.19 | 8440 | 1.35 | | | |
| 314 | 455 | 4.65 | 8260 | 1.50 | RX | 107 | D160L4 |
| 348 | 410 | 4.20 | 8100 | 2.0 | RXF | 107 | D160L4 |
| 383 | 375 | 3.81 | 7930 | 2.2 | | | |
| 431 | 330 | 3.38 | 7720 | 2.5 | | | |
| 475 | 300 | 3.07 | 7540 | 2.8 | | | |
| 553 | 260 | 2.64 | 7260 | 3.2 | RX | 107 | D160L4 |
| 634 | 225 | 2.30 | 7010 | 3.7 | RXF | 107 | D160L4 |
| 747 | 192 | 1.95 | 6710 | 4.0 | | | |
| 855 | 168 | 1.71 | 6470 | 4.2 | | | |
| 1010 | 142 | 1.44 | 6170 | 4.6 | | | |
| 323 | 445 | 4.52 | 6660 | 1.35 | | | |
| 361 | 395 | 4.04 | 6530 | 1.50 | | | |
| 401 | 355 | 3.64 | 6400 | 1.65 | | | |
| 443 | 325 | 3.30 | 6270 | 1.85 | | | |
| 499 | 285 | 2.92 | 6110 | 2.1 | RX | 97 | D160L4 |
| 552 | 260 | 2.64 | 5970 | 2.3 | RXF | 97 | D160L4 |
| 652 | 220 | 2.24 | 5730 | 2.7 | | | |
| 746 | 192 | 1.96 | 5550 | 3.0 | | | |
| 892 | 161 | 1.64 | 5290 | 3.2 | | | |
| 1030 | 139 | 1.42 | 5090 | 3.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **15.0kW** | | | | | | | |
| 420 | 340 | 3.48 | 426 0 | 1.20 | | | |
| 473 | 305 | 3.09 | 4510 | 1.35 | RX | 87 | D160L4 |
| 529 | 270 | 2.76 | 4430 | 1.50 | RXF | 87 | D160L4 |
| 588 | 245 | 2.48 | 4350 | 1.65 | | | |
| 678 | 210 | 2.15 | 4230 | 1.80 | | | |
| 757 | 189 | 1.93 | 4130 | 1.90 | RX | 87 | D160L4 |
| 913 | 157 | 1.60 | 3960 | 2.0 | RXF | 87 | D160L4 |
| 1050 | 137 | 1.39 | 3840 | 2.1 | | | |
| **18.5kW** | | | | | | | |
| 7.8 | 22500 | 186.93 | 120000 | 0.80 | | | |
| 9.6 | 18500 | 153.07 | 120000 | 1.00 | R | 167 | D180M4 |
| 10 | 16900 | 139.98 | 120000 | 1.05 | RF | 167 | D180M4 |
| 12 | 14700 | 121.81 | 120000 | 1.25 | | | |
| 14 | 13000 | 107.49 | 120000 | 1.40 | | | |
| 16 | 11200 | 93.19 | 120000 | 1.60 | | | |
| 18 | 10000 | 82.91 | 120000 | 1.80 | R | 167 | D180M4 |
| 20 | 8890 | 73.70 | 120000 | 2.0 | RF | 167 | D180M4 |
| 22 | 8130 | 67.40 | 120000 | 2.2 | | | |
| 25 | 7070 | 58.65 | 120000 | 2.5 | | | |
| 12 | 14500 | 119.86 | 56900 | 0.90 | R | 147 | D180M4 |
| 13 | 13200 | 109.31 | 62300 | 1.00 | RF | 147 | D180M4 |
| 15 | 11400 | 94.60 | 65600 | 1.15 | | | |
| 18 | 10100 | 83.47 | 67700 | 1.30 | | | |
| 20 | 8690 | 72.09 | 69500 | 1.50 | | | |
| 22 | 8080 | 66.99 | 70200 | 1.60 | R | 147 | D180M4 |
| 24 | 7370 | 61.09 | 71000 | 1.75 | RF | 147 | D180M4 |
| 28 | 6380 | 52.87 | 71900 | 2.0 | | | |
| 31 | 5630 | 46.65 | 72500 | 2.3 | | | |
| 36 | 4860 | 40.29 | 73000 | 2.7 | | | |
| 18 | 9760 | 80.91 | 39000 | 0.80 | | | |
| 20 | 8860 | 73.49 | 50200 | 0.90 | R | 137 | D180M4 |
| 22 | 7860 | 65.20 | 53700 | 1.00 | RF | 137 | D180M4 |
| 25 | 7140 | 59.17 | 55100 | 1.10 | | | |
| 29 | 6130 | 50.86 | 56800 | 1.30 | | | |
| 33 | 5350 | 44.39 | 58000 | 1.50 | R | 137 | D180M4 |
| 39 | 4540 | 37.65 | 58900 | 1.75 | RF | 137 | D180M4 |
| 45 | 3970 | 32.91 | 59500 | 2.0 | | | |
| 53 | 3360 | 27.83 | 60100 | 2.3 | | | |
| 50 | 3570 | 29.57 | 59900 | 2.2 | | | |
| 61 | 2910 | 24.12 | 60400 | 2.8 | R | 137 | D180M4 |
| 67 | 2650 | 22.00 | 60600 | 3.0 | RF | 137 | D180M4 |
| 77 | 2300 | 19.04 | 60800 | 3.5 | | | |
| 87 | 2030 | 16.80 | 60900 | 4.0 | | | |
| 36 | 4870 | 40.37 | 20200 | 0.90 | R | 107 | D180M4 |
| 42 | 4250 | 35.26 | 22000 | 1.00 | RF | 107 | D180M4 |
| 50 | 3560 | 29.49 | 21500 | 1.20 | | | |
| 59 | 3000 | 24.90 | 20900 | 1.45 | | | |
| 65 | 2730 | 22.62 | 20600 | 1.60 | | | |
| 73 | 2420 | 20.07 | 20100 | 1.80 | | | |
| 80 | 2200 | 18.21 | 19700 | 1.95 | | | |
| 94 | 1890 | 15.65 | 19100 | 2.3 | R | 107 | D180M4 |
| 107 | 1650 | 13.66 | 18500 | 2.6 | RF | 107 | D180M4 |
| 126 | 1400 | 11.59 | 17800 | 3.1 | | | |
| 145 | 1220 | 10.13 | 17200 | 3.5 | | | |
| 186 | 950 | 7.86 | 16300 | 3.1 | | | |
| 220 | 800 | 6.66 | 15600 | 3.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **18.5kW** | | | | | | | |
| 73 | 2430 | 20.14 | 14900 | 1.05 | | | |
| 80 | 2200 | 18.24 | 14700 | 1.15 | | | |
| 91 | 1950 | 16.17 | 14500 | 1.25 | | | |
| 100 | 1760 | 14.62 | 14200 | 1.30 | | | |
| 118 | 1490 | 12.39 | 13800 | 1.45 | | | |
| 135 | 1310 | 10.83 | 13500 | 1.60 | R | 97 | D180M4 |
| 158 | 1120 | 9.29 | 13400 | 1.80 | RF | 97 | D180M4 |
| 175 | 1010 | 8.39 | 13100 | 2.0 | | | |
| 206 | 860 | 7.12 | 12600 | 2.3 | | | |
| 236 | 750 | 6.21 | 12100 | 2.5 | | | |
| 282 | 625 | 5.20 | 11600 | 2.8 | | | |
| 326 | 545 | 4.50 | 11100 | 3.0 | | | |
| 110 | 1610 | 13.33 | 10600 | 0.80 | | | |
| 123 | 1440 | 11.93 | 10400 | 0.85 | | | |
| 148 | 1190 | 9.90 | 10200 | 1.00 | | | |
| 160 | 1100 | 9.14 | 10600 | 1.10 | R | 87 | D180M4 |
| 178 | 990 | 8.22 | 10300 | 1.15 | RF | 87 | D180M4 |
| 205 | 860 | 7.13 | 10000 | 1.25 | | | |
| 229 | 770 | 6.39 | 9770 | 1.30 | | | |
| 276 | 640 | 5.30 | 9350 | 1.40 | | | |
| 349 | 505 | 4.20 | 7710 | 1.65 | | | |
| 384 | 460 | 3.81 | 7580 | 1.80 | RX | 107 | D180M4 |
| 433 | 410 | 3.38 | 7400 | 2.0 | RXF | 107 | D180M4 |
| 477 | 370 | 3.07 | 7250 | 2.2 | | | |
| 555 | 320 | 2.64 | 7010 | 2.6 | | | |
| 636 | 280 | 2.30 | 6780 | 3.0 | RX | 107 | D180M4 |
| 750 | 235 | 1.95 | 6510 | 3.2 | RXF | 107 | D180M4 |
| 858 | 205 | 1.71 | 6290 | 3.4 | | | |
| 1015 | 174 | 1.44 | 6020 | 3.7 | | | |
| 402 | 440 | 3.64 | 6060 | 1.35 | | | |
| 444 | 400 | 3.30 | 5960 | 1.50 | | | |
| 501 | 355 | 2.92 | 5830 | 1.70 | | | |
| 554 | 320 | 2.64 | 5710 | 1.85 | RX | 97 | D180M4 |
| 654 | 270 | 2.24 | 5510 | 2.2 | RXF | 97 | D180M4 |
| 749 | 235 | 1.96 | 5350 | 2.4 | | | |
| 895 | 197 | 1.64 | 5120 | 2.6 | | | |
| 1035 | 171 | 1.42 | 4940 | 2.7 | | | |
| 531 | 335 | 2.76 | 3040 | 1.20 | | | |
| 590 | 300 | 2.48 | 3340 | 1.35 | | | |
| 680 | 260 | 2.15 | 3630 | 1.50 | RX | 87 | D180M4 |
| 760 | 235 | 1.93 | 3820 | 1.55 | RXF | 87 | D180M4 |
| 916 | 193 | 1.60 | 3770 | 1.65 | | | |
| 1055 | 168 | 1.39 | 3670 | 1.75 | | | |
| **22kW** | | | | | | | |
| 9.6 | 22000 | 153.07 | 120000 | 0.80 | R | 167 | D180L4 |
| 10 | 20100 | 139.98 | 120000 | 0.90 | RF | 167 | D180L4 |
| 12 | 17500 | 121.81 | 120000 | 1.05 | | | |
| 14 | 15400 | 107.49 | 120000 | 1.15 | | | |
| 16 | 13400 | 93.19 | 120000 | 1.35 | | | |
| 18 | 11900 | 82.91 | 120000 | 1.50 | | | |
| 20 | 10600 | 73.70 | 120000 | 1.70 | R | 167 | D180L4 |
| 22 | 9670 | 67.40 | 120000 | 1.85 | RF | 167 | D180L4 |
| 25 | 8410 | 58.65 | 120000 | 2.1 | | | |
| 28 | 7420 | 51.76 | 120000 | 2.4 | | | |
| 33 | 6430 | 44.87 | 120000 | 2.8 | | | |
| 13 | 15700 | 109.31 | 41300 | 0.85 | | | |
| 15 | 13600 | 94.60 | 61500 | 0.95 | R | 147 | D180L4 |
| 18 | 12000 | 83.47 | 64600 | 1.10 | RF | 147 | D180L4 |
| 20 | 10300 | 72.09 | 67300 | 1.25 | | | |
| 22 | 9610 | 66.99 | 68300 | 1.35 | | | |
| 24 | 8760 | 61.09 | 69400 | 1.50 | | | |
| 28 | 7580 | 52.87 | 70800 | 1.70 | R | 147 | D180L4 |
| 31 | 6690 | 46.65 | 71600 | 1.95 | RF | 147 | D180L4 |
| 36 | 5780 | 40.29 | 72400 | 2.2 | | | |
| 41 | 5110 | 35.64 | 72900 | 2.5 | | | |
| 49 | 4300 | 29.95 | 73400 | 3.0 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **22kW** | | | | | | | |
| 22 | 9350 | 65.20 | 46900 | 0.85 | | | |
| 25 | 8480 | 59.17 | 51900 | 0.95 | R | 137 | D180L4 |
| 29 | 7290 | 50.86 | 54800 | 1.10 | RF | 137 | D180L4 |
| 33 | 6370 | 44.39 | 56500 | 1.25 | | | |
| 39 | 5400 | 37.65 | 57900 | 1.50 | R | 137 | D180L4 |
| 45 | 4720 | 32.91 | 58700 | 1.70 | RF | 137 | D180L4 |
| 53 | 3990 | 27.83 | 59500 | 1.90 | | | |
| 50 | 4240 | 29.57 | 59300 | 1.85 | | | |
| 61 | 3460 | 24.12 | 60000 | 2.3 | R | 137 | D180L4 |
| 67 | 3150 | 22.00 | 60200 | 2.5 | RF | 137 | D180L4 |
| 77 | 2730 | 19.04 | 60500 | 2.9 | | | |
| 87 | 2410 | 16.80 | 60700 | 3.3 | R | 137 | D180L4 |
| 101 | 2080 | 14.51 | 60900 | 3.8 | RF | 137 | D180L4 |
| 114 | 1840 | 12.83 | 61000 | 4.3 | | | |
| 42 | 5060 | 35.26 | 7280 | 0.85 | R | 107 | D180L4 |
| 50 | 4230 | 29.49 | 20400 | 1.00 | RF | 107 | D180L4 |
| 59 | 3570 | 24.90 | 20000 | 1.20 | R | 107 | D180L4 |
| 65 | 3240 | 22.62 | 19700 | 1.35 | RF | 107 | D180L4 |
| 73 | 2880 | 20.07 | 19300 | 1.50 | | | |
| 80 | 2610 | 18.21 | 19000 | 1.65 | | | |
| 94 | 2240 | 15.65 | 18500 | 1.90 | | | |
| 107 | 1960 | 13.66 | 18000 | 2.2 | | | |
| 126 | 1660 | 11.59 | 17300 | 2.6 | R | 107 | D180L4 |
| 145 | 1450 | 10.13 | 16800 | 3.0 | RF | 107 | D180L4 |
| 171 | 1230 | 8.56 | 16100 | 3.5 | | | |
| 186 | 1130 | 7.86 | 16100 | 2.6 | | | |
| 220 | 960 | 6.66 | 15400 | 3.1 | | | |
| 252 | 840 | 5.82 | 14800 | 3.6 | | | |
| 73 | 2890 | 20.14 | 14000 | 0.90 | | | |
| 80 | 2620 | 18.24 | 13900 | 0.95 | R | 97 | D180L4 |
| 91 | 2320 | 16.17 | 13700 | 1.05 | RF | 97 | D180L4 |
| 100 | 2100 | 14.62 | 13600 | 1.10 | | | |
| 118 | 1780 | 12.39 | 13200 | 1.25 | | | |
| 135 | 1550 | 10.83 | 13000 | 1.35 | | | |
| 158 | 1330 | 9.29 | 13100 | 1.50 | | | |
| 175 | 1200 | 8.39 | 12800 | 1.70 | R | 97 | D180L4 |
| 206 | 1020 | 7.12 | 12300 | 1.95 | RF | 97 | D180L4 |
| 236 | 890 | 6.21 | 11900 | 2.1 | | | |
| 282 | 745 | 5.20 | 11400 | 2.4 | | | |
| 326 | 645 | 4.50 | 10900 | 2.5 | | | |
| 148 | 1420 | 9.90 | 9640 | 0.85 | | | |
| 160 | 1310 | 9.14 | 10100 | 0.90 | | | |
| 178 | 1180 | 8.22 | 9960 | 1.00 | R | 87 | D180L4 |
| 205 | 1020 | 7.13 | 9700 | 1.05 | RF | 87 | D180L4 |
| 229 | 920 | 6.39 | 9490 | 1.10 | | | |
| 276 | 760 | 5.30 | 9110 | 1.20 | | | |
| 349 | 600 | 4.20 | 7330 | 1.40 | | | |
| 384 | 545 | 3.81 | 7230 | 1.50 | RX | 107 | D180L4 |
| 433 | 485 | 3.38 | 7090 | 1.70 | RXF | 107 | D180L4 |
| 477 | 440 | 3.07 | 6960 | 1.90 | | | |
| 555 | 380 | 2.64 | 6760 | 2.2 | | | |
| 636 | 330 | 2.30 | 6560 | 2.5 | | | |
| 750 | 280 | 1.95 | 6320 | 2.7 | RX | 107 | D180L4 |
| 858 | 245 | 1.71 | 6120 | 2.9 | RXF | 107 | D180L4 |
| 1015 | 205 | 1.44 | 5870 | 3.1 | | | |
| 402 | 520 | 3.64 | 5720 | 1.15 | | | |
| 444 | 475 | 3.30 | 5620 | 1.25 | | | |
| 501 | 420 | 2.92 | 5560 | 1.40 | | | |
| 554 | 380 | 2.64 | 5460 | 1.55 | RX | 97 | D180L4 |
| 654 | 320 | 2.24 | 5300 | 1.85 | RXF | 97 | D180L4 |
| 749 | 280 | 1.96 | 5160 | 2.0 | | | |
| 895 | 235 | 1.64 | 4960 | 2.2 | | | |
| 1035 | 205 | 1.42 | 4790 | 2.2 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **22kW** | | | | | | | |
| 531 | 395 | 2.76 | 1270 | 1.00 | | | |
| 590 | 355 | 2.48 | 1710 | 1.15 | | | |
| 680 | 310 | 2.15 | 2160 | 1.25 | RX | 87 | D180L4 |
| 760 | 275 | 1.93 | 2450 | 1.30 | RXF | 87 | D180L4 |
| 916 | 230 | 1.60 | 2750 | 1.35 | | | |
| 1055 | 200 | 1.39 | 3030 | 1.45 | | | |
| **30kW** | | | | | | | |
| 14 | 20900 | 107.49 | 120000 | 0.85 | R | 167 | D200L4 |
| 16 | 18200 | 93.19 | 120000 | 1.00 | RF | 167 | D200L4 |
| 18 | 16200 | 82.91 | 120000 | 1.10 | | | |
| 20 | 14400 | 73.70 | 120000 | 1.25 | | | |
| 22 | 13100 | 67.40 | 120000 | 1.35 | | | |
| 25 | 11400 | 58.65 | 120000 | 1.55 | | | |
| 28 | 10100 | 51.76 | 120000 | 1.80 | R | 167 | D200L4 |
| 33 | 8740 | 44.87 | 120000 | 2.1 | RF | 167 | D200L4 |
| 37 | 7780 | 39.92 | 120000 | 2.3 | | | |
| 43 | 6710 | 34.41 | 120000 | 2.7 | | | |
| 53 | 5450 | 27.96 | 120000 | 3.3 | | | |
| 62 | 4620 | 23.71 | 120000 | 3.9 | | | |
| 18 | 16300 | 83.47 | 32400 | 0.80 | | | |
| 20 | 14000 | 72.09 | 60400 | 0.95 | R | 147 | D200L4 |
| 22 | 13100 | 66.99 | 62500 | 1.00 | RF | 147 | D200L4 |
| 24 | 11900 | 61.09 | 64700 | 1.10 | | | |
| 28 | 10300 | 52.87 | 67300 | 1.25 | | | |
| 32 | 9090 | 46.65 | 69000 | 1.45 | | | |
| 36 | 7850 | 40.29 | 70500 | 1.65 | R | 147 | D200L4 |
| 41 | 6950 | 35.64 | 71400 | 1.85 | RF | 147 | D200L4 |
| 49 | 5840 | 29.95 | 72300 | 2.2 | | | |
| 61 | 4710 | 24.19 | 73100 | 2.5 | | | |
| 72 | 3980 | 20.44 | 73600 | 3.0 | R | 147 | D200L4 |
| 82 | 3510 | 18.04 | 73800 | 3.0 | RF | 147 | D200L4 |
| 94 | 3050 | 15.64 | 74000 | 4.3 | | | |
| 29 | 9910 | 50.86 | 35800 | 0.80 | | | |
| 33 | 8650 | 44.39 | 51200 | 0.90 | R | 137 | D200L4 |
| 39 | 7340 | 37.65 | 54700 | 1.10 | RF | 137 | D200L4 |
| 45 | 6410 | 32.91 | 56400 | 1.25 | | | |
| 53 | 5420 | 27.83 | 57900 | 1.40 | | | |
| 61 | 4700 | 24.12 | 58800 | 1.70 | | | |
| 67 | 4290 | 22.00 | 59200 | 1.85 | R | 137 | D200L4 |
| 77 | 3710 | 19.04 | 59800 | 2.2 | RF | 137 | D200L4 |
| 88 | 3270 | 16.80 | 60100 | 2.4 | | | |
| 101 | 2830 | 14.51 | 59500 | 2.8 | | | |
| 115 | 2500 | 12.83 | 58400 | 3.2 | R | 137 | D200L4 |
| 136 | 2100 | 10.79 | 56600 | 3.8 | RF | 137 | D200L4 |
| 194 | 1480 | 7.59 | 53300 | 3.5 | | | |
| 230 | 1240 | 6.38 | 51300 | 4.1 | | | |
| 73 | 3910 | 20.07 | 17600 | 1.10 | | | |
| 81 | 3550 | 18.21 | 17400 | 1.20 | | | |
| 94 | 3050 | 15.65 | 17100 | 1.40 | | | |
| 108 | 2660 | 13.66 | 16800 | 1.60 | | | |
| 127 | 2260 | 11.59 | 16300 | 1.90 | R | 107 | D200L4 |
| 145 | 1970 | 10.13 | 15900 | 2.2 | RF | 107 | D200L4 |
| 172 | 1670 | 8.56 | 15400 | 2.6 | | | |
| 187 | 1530 | 7.86 | 15500 | 1.95 | | | |
| 221 | 1300 | 6.66 | 14900 | 2.3 | | | |
| 252 | 1140 | 5.82 | 14400 | 2.6 | | | |
| 299 | 960 | 4.92 | 13700 | 3.0 | | | |
| 101 | 2850 | 14.62 | 12000 | 0.80 | | | |
| 119 | 2420 | 12.39 | 11900 | 0.90 | R | 97 | D200L4 |
| 136 | 2110 | 10.83 | 11800 | 1.00 | RF | 97 | D200L4 |
| 158 | 1810 | 9.29 | 12300 | 1.10 | | | |
| 175 | 1640 | 8.39 | 12100 | 1.25 | | | |
| 207 | 1390 | 7.12 | 11700 | 1.45 | | | |
| 237 | 1210 | 6.21 | 11400 | 1.55 | R | 97 | D200L4 |
| 283 | 1010 | 5.20 | 10900 | 1.75 | RF | 97 | D200L4 |
| 327 | 880 | 4.50 | 10500 | 1.85 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **30kW** | | | | | | | |
| 434 | 660 | 3.38 | 6370 | 1.25 | | | |
| 479 | 600 | 3.07 | 6310 | 1.40 | | | |
| 557 | 515 | 2.64 | 6180 | 1.60 | RX | 107 | D200L4 |
| 638 | 450 | 2.30 | 6050 | 1.85 | RXF | 107 | D200L4 |
| 752 | 380 | 1.95 | 5870 | 2.0 | | | |
| 860 | 335 | 1.71 | 5720 | 2.1 | | | |
| 1020 | 280 | 1.44 | 5520 | 2.3 | | | |
| 503 | 570 | 2.92 | 3120 | 1.05 | | | |
| 556 | 515 | 2.64 | 3560 | 1.15 | | | |
| 656 | 435 | 2.24 | 4050 | 1.35 | RX | 97 | D200L4 |
| 751 | 380 | 1.96 | 4450 | 1.50 | RXF | 97 | D200L4 |
| 898 | 320 | 1.64 | 4580 | 1.60 | | | |
| 1040 | 275 | 1.42 | 4450 | 1.65 | | | |
| **37kW** | | | | | | | |
| 16 | 22400 | 93.19 | 120000 | 0.80 | | | |
| 18 | 19900 | 82.91 | 120000 | 0.90 | | | |
| 20 | 17700 | 73.70 | 120000 | 1.00 | | | |
| 22 | 16200 | 67.40 | 120000 | 1.10 | | | |
| 25 | 14100 | 58.65 | 120000 | 1.30 | R | 167 | D225S4 |
| 28 | 12400 | 51.76 | 120000 | 1.45 | RF | 167 | D225S4 |
| 33 | 10800 | 44.87 | 120000 | 1.65 | | | |
| 37 | 9600 | 39.92 | 120000 | 1.90 | | | |
| 43 | 8270 | 34.41 | 120000 | 2.2 | | | |
| 53 | 6720 | 27.96 | 120000 | 2.7 | | | |
| 48 | 7380 | 30.71 | 120000 | 1.35 | | | |
| 60 | 5900 | 24.57 | 120000 | 2.4 | R | 167 | D225S4 |
| 67 | 5250 | 21.85 | 120000 | 2.5 | RF | 167 | D225S4 |
| 77 | 4580 | 19.03 | 120000 | 3.5 | | | |
| 87 | 4080 | 16.98 | 120000 | 3.7 | | | |
| 22 | 16100 | 66.99 | 35000 | 0.80 | R | 147 | D225S4 |
| 24 | 14700 | 61.09 | 54200 | 0.90 | RF | 147 | D225S4 |
| 28 | 12700 | 52.87 | 63200 | 1.00 | | | |
| 32 | 11200 | 46.65 | 65900 | 1.15 | | | |
| 36 | 9680 | 40.29 | 68200 | 1.35 | R | 147 | D225S4 |
| 41 | 8570 | 35.64 | 69700 | 1.50 | RF | 147 | D225S4 |
| 49 | 7200 | 29.95 | 71100 | 1.80 | | | |
| 61 | 5810 | 24.19 | 72400 | 2.0 | | | |
| 72 | 4910 | 20.44 | 73000 | 2.4 | R | 147 | D225S4 |
| 82 | 4340 | 18.04 | 73400 | 2.4 | RF | 147 | D225S4 |
| 94 | 3760 | 15.64 | 73700 | 3.5 | | | |
| 106 | 3340 | 13.91 | 73900 | 3.8 | R | 147 | D225S4 |
| | | | | | RF | 147 | D225S4 |
| 39 | 9050 | 37.65 | 49400 | 0.90 | R | 137 | D225S4 |
| 45 | 7910 | 32.91 | 53600 | 1.00 | RF | 137 | D225S4 |
| 53 | 6690 | 27.83 | 55900 | 1.15 | | | |
| 61 | 5800 | 24.12 | 57300 | 1.40 | | | |
| 67 | 5290 | 22.00 | 58000 | 1.50 | R | 137 | D225S4 |
| 77 | 4580 | 19.04 | 57800 | 1.75 | RF | 137 | D225S4 |
| 88 | 4040 | 16.80 | 57300 | 2.0 | | | |
| 101 | 3490 | 14.51 | 56600 | 2.3 | | | |
| 115 | 3080 | 12.83 | 55800 | 2.6 | | | |
| 136 | 2590 | 10.79 | 54400 | 3.1 | R | 137 | D225S4 |
| 169 | 2090 | 8.71 | 52600 | 3.7 | RF | 137 | D225S4 |
| 194 | 1820 | 7.59 | 51900 | 2.8 | | | |
| 230 | 1530 | 6.38 | 50100 | 3.3 | | | |
| 285 | 1240 | 5.15 | 47800 | 3.7 | | | |
| 73 | 4820 | 20.07 | 16100 | 0.90 | | | |
| 81 | 4380 | 18.21 | 16100 | 1.00 | | | |
| 94 | 3760 | 15.65 | 15900 | 1.15 | | | |
| 108 | 3280 | 13.66 | 15700 | 1.30 | | | |
| 127 | 2790 | 11.59 | 15400 | 1.55 | R | 107 | D225S4 |
| 145 | 2430 | 10.13 | 15100 | 1.75 | RF | 107 | D225S4 |
| 172 | 2060 | 8.56 | 14700 | 2.1 | | | |
| 187 | 1890 | 7.86 | 15000 | 1.55 | | | |
| 221 | 1600 | 6.66 | 14400 | 1.85 | | | |
| 252 | 1400 | 5.82 | 14000 | 2.1 | | | |
| 299 | 1180 | 4.92 | 13400 | 2.5 | | | |

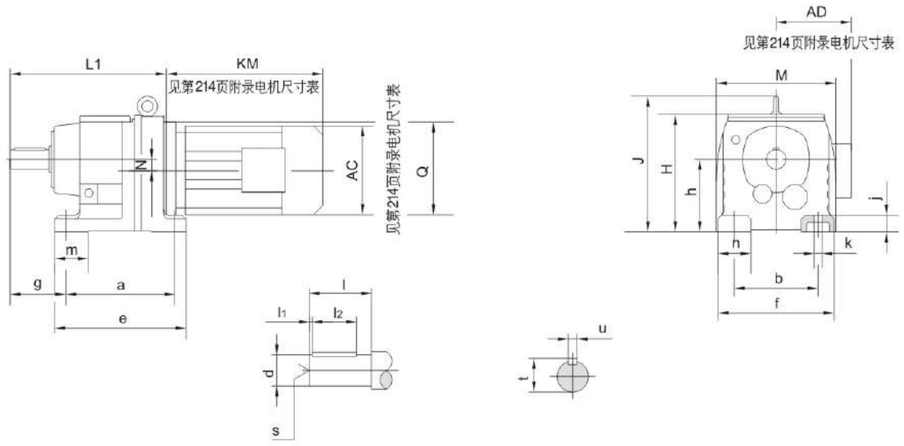
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **37kW** | | | | | | | |
| 434 | 810 | 3.38 | 4470 | 1.00 | | | |
| 479 | 740 | 3.07 | 4950 | 1.10 | | | |
| 557 | 635 | 2.64 | 5530 | 1.30 | RX | 107 | D225S4 |
| 638 | 555 | 2.30 | 5610 | 1.50 | RXF | 107 | D225S4 |
| 752 | 470 | 1.95 | 5490 | 1.65 | | | |
| 860 | 410 | 1.71 | 5370 | 1.70 | | | |
| 1020 | 345 | 1.44 | 5220 | 1.85 | | | |
| **45kW** | | | | | | | |
| 20 | 21500 | 73.77 | 120000 | 0.85 | | | |
| 22 | 19700 | 67.40 | 120000 | 0.90 | R | 167 | D225M4 |
| 25 | 17100 | 58.65 | 120000 | 1.05 | RF | 167 | D225M4 |
| 28 | 15100 | 51.76 | 120000 | 1.20 | | | |
| 33 | 13100 | 44.87 | 120000 | 1.35 | | | |
| 37 | 11700 | 39.92 | 120000 | 1.55 | R | 167 | D225M4 |
| 43 | 10100 | 34.41 | 120000 | 1.80 | RF | 167 | D225M4 |
| 53 | 8170 | 27.96 | 120000 | 2.2 | | | |
| 62 | 6930 | 23.71 | 120000 | 2.6 | | | |
| 48 | 8980 | 30.71 | 120000 | 1.10 | | | |
| 60 | 7180 | 24.57 | 120000 | 1.95 | R | 167 | D225M4 |
| 67 | 6390 | 21.85 | 120000 | 2.0 | RF | 167 | D225M4 |
| 77 | 5560 | 19.03 | 120000 | 2.9 | | | |
| 87 | 4960 | 16.98 | 120000 | 3.0 | | | |
| 28 | 15500 | 52.87 | 44400 | 0.85 | | | |
| 32 | 13600 | 46.65 | 61300 | 0.95 | | | |
| 36 | 11800 | 40.29 | 65000 | 1.10 | R | 147 | D225M4 |
| 41 | 10400 | 35.64 | 67200 | 1.25 | RF | 147 | D225M4 |
| 49 | 8760 | 29.95 | 69400 | 1.50 | | | |
| 61 | 7070 | 24.19 | 71300 | 1.70 | | | |
| 72 | 5970 | 20.44 | 72200 | 2.0 | | | |
| 82 | 5270 | 18.04 | 72800 | 2.0 | | | |
| 94 | 4570 | 15.64 | 73200 | 2.8 | R | 147 | D225M4 |
| 106 | 4070 | 13.91 | 73500 | 3.1 | RF | 147 | D225M4 |
| 123 | 3510 | 11.99 | 73800 | 3.7 | | | |
| 203 | 2120 | 7.25 | 74300 | 4.1 | | | |
| 45 | 9620 | 32.91 | 41700 | 0.85 | R | 137 | D225M4 |
| 53 | 8130 | 27.83 | 51200 | 0.95 | RF | 137 | D225M4 |
| 61 | 7050 | 24.12 | 52400 | 1.15 | | | |
| 67 | 6430 | 22.00 | 52900 | 1.25 | R | 137 | D225M4 |
| 77 | 5570 | 19.04 | 53300 | 1.45 | RF | 137 | D225M4 |
| 88 | 4910 | 16.80 | 53400 | 1.65 | | | |
| 101 | 4240 | 14.51 | 53200 | 1.90 | | | |
| 115 | 3750 | 12.83 | 52800 | 2.1 | | | |
| 136 | 3150 | 10.79 | 51900 | 2.5 | R | 137 | D225M4 |
| 169 | 2550 | 8.71 | 50500 | 3.1 | RF | 137 | D225M4 |
| 194 | 2220 | 7.59 | 50200 | 2.3 | | | |
| 230 | 1860 | 6.38 | 48700 | 2.7 | | | |
| 285 | 1510 | 5.15 | 46700 | 3.0 | | | |
| 94 | 4580 | 15.65 | 14600 | 0.95 | | | |
| 108 | 3990 | 13.66 | 14600 | 1.10 | | | |
| 127 | 3390 | 11.59 | 14400 | 1.25 | | | |
| 145 | 2960 | 10.13 | 14300 | 1.45 | R | 107 | D225M4 |
| 172 | 2500 | 8.56 | 14000 | 1.70 | RF | 107 | D225M4 |
| 187 | 2300 | 7.86 | 14400 | 1.30 | | | |
| 221 | 1950 | 6.66 | 14000 | 1.50 | | | |
| 252 | 1700 | 5.82 | 13600 | 1.75 | | | |
| 299 | 1440 | 4.92 | 13100 | 2.0 | | | |
| 434 | 990 | 3.38 | 1360 | 0.85 | | | |
| 479 | 900 | 3.07 | 2080 | 0.90 | | | |
| 557 | 770 | 2.64 | 2970 | 1.10 | R | 107 | D225M4 |
| 638 | 675 | 2.30 | 3640 | 1.25 | RF | 107 | D225M4 |
| 752 | 570 | 1.95 | 4200 | 1.35 | | | |
| 860 | 500 | 1.71 | 4540 | 1.40 | | | |
| 1020 | 420 | 1.44 | 4880 | 1.55 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **55kW** | | | | | | | |
| 25 | 20900 | 58.65 | 120000 | 0.85 | | | |
| 29 | 18400 | 51.76 | 120000 | 1.00 | | | |
| 33 | 16000 | 44.87 | 120000 | 1.15 | R | 167 | D250M4 |
| 37 | 14200 | 39.92 | 120000 | 1.25 | RF | 167 | D250M4 |
| 43 | 12300 | 34.41 | 120000 | 1.45 | | | |
| 53 | 9960 | 27.96 | 120000 | 1.80 | | | |
| 62 | 8440 | 23.71 | 120000 | 2.1 | | | |
| 60 | 8750 | 24.57 | 120000 | 1.60 | R | 167 | D250M4 |
| 68 | 7780 | 21.85 | 120000 | 1.65 | RF | 167 | D250M4 |
| 77 | 6780 | 19.03 | 120000 | 2.4 | | | |
| 87 | 6050 | 16.98 | 120000 | 2.5 | R | 167 | D250M4 |
| 102 | 5150 | 14.48 | 120000 | 3.5 | RF | 167 | D250M4 |
| 123 | 4270 | 11.99 | 120000 | 4.0 | | | |
| 32 | 16600 | 46.65 | 26600 | 0.80 | | | |
| 37 | 14300 | 40.29 | 58200 | 0.90 | R | 147 | D250M4 |
| 41 | 12700 | 35.64 | 63300 | 1.00 | RF | 147 | D250M4 |
| 49 | 10700 | 29.95 | 66800 | 1.20 | | | |
| 61 | 8610 | 24.19 | 69600 | 1.40 | | | |
| 72 | 7280 | 20.44 | 71100 | 1.65 | | | |
| 82 | 6420 | 18.04 | 71900 | 1.65 | R | 147 | D250M4 |
| 94 | 5570 | 15.64 | 72500 | 2.3 | RF | 147 | D250M4 |
| 106 | 4950 | 13.91 | 73000 | 2.5 | | | |
| 123 | 4270 | 11.99 | 73400 | 3.0 | | | |
| 151 | 3470 | 9.74 | 73800 | 3.8 | R | 147 | D250M4 |
| 203 | 2580 | 7.25 | 74200 | 3.4 | RF | 147 | D250M4 |
| 250 | 2100 | 5.89 | 72500 | 4.1 | | | |
| 77 | 6780 | 19.04 | 47800 | 1.20 | R | 137 | D250M4 |
| 88 | 5980 | 16.80 | 48500 | 1.35 | RF | 137 | D250M4 |
| 102 | 5170 | 14.51 | 48900 | 1.55 | | | |
| 115 | 4570 | 12.83 | 49000 | 1.75 | | | |
| 137 | 3840 | 10.79 | 48800 | 2.1 | | | |
| 169 | 3100 | 8.71 | 48000 | 2.5 | R | 137 | D250M4 |
| 194 | 2700 | 7.59 | 48100 | 1.90 | RF | 137 | D250M4 |
| 231 | 2270 | 6.38 | 46900 | 2.2 | | | |
| 286 | 1830 | 5.15 | 45200 | 2.5 | | | |
| **75kW** | | | | | | | |
| 33 | 21700 | 44.87 | 120000 | 0.85 | | | |
| 37 | 19300 | 39.92 | 120000 | 0.95 | R | 167 | D280S4 |
| 43 | 16700 | 34.41 | 120000 | 1.10 | RF | 167 | D280S4 |
| 53 | 13500 | 27.96 | 120000 | 1.35 | | | |
| 62 | 11500 | 23.71 | 120000 | 1.55 | | | |
| 60 | 11900 | 24.57 | 120000 | 1.20 | R | 167 | D280S4 |
| 68 | 10600 | 21.85 | 120000 | 1.25 | RF | 167 | D280S4 |
| 78 | 9210 | 19.03 | 120000 | 1.75 | | | |
| 87 | 8220 | 16.98 | 120000 | 1.85 | | | |
| 102 | 7000 | 14.48 | 120000 | 2.6 | R | 167 | D280S4 |
| 123 | 5800 | 11.99 | 116600 | 2.9 | RF | 167 | D280S4 |
| 145 | 4950 | 10.24 | 112800 | 3.4 | | | |
| 49 | 14500 | 29.95 | 56500 | 0.90 | R | 147 | D280S4 |
| 61 | 11700 | 24.19 | 65100 | 1.00 | RF | 147 | D280S4 |
| 72 | 9890 | 20.44 | 67900 | 1.20 | | | |
| 82 | 8730 | 18.04 | 69500 | 1.20 | R | 147 | D280S4 |
| 95 | 7570 | 15.64 | 70800 | 1.70 | RF | 147 | D280S4 |
| 106 | 6730 | 13.91 | 71600 | 1.85 | | | |
| 123 | 5800 | 11.99 | 72400 | 2.2 | | | |
| 152 | 4710 | 9.74 | 73100 | 2.8 | | | |
| 179 | 4000 | 8.26 | 73500 | 3.2 | R | 147 | D280S4 |
| 204 | 3510 | 7.25 | 73100 | 2.5 | RF | 147 | D280S4 |
| 251 | 2850 | 5.89 | 70100 | 3.0 | | | |
| 296 | 2420 | 5.00 | 67600 | 3.6 | | | |
| **90kW** | | | | | | | |
| 37 | 23200 | 39.92 | 120000 | 0.80 | | | |
| 43 | 20000 | 34.41 | 120000 | 0.90 | R | 167 | D280M4 |
| 53 | 16200 | 27.96 | 120000 | 1.10 | RF | 167 | D280M4 |
| 62 | 13800 | 23.71 | 120000 | 1.30 | | | |

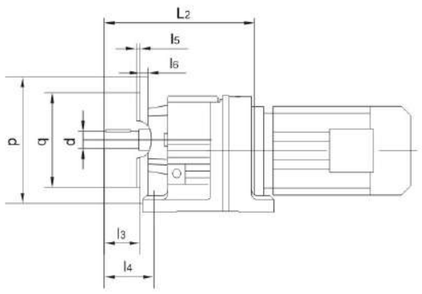
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **90kW** | | | | | | | |
| 60 | 14300 | 24.57 | 120000 | 1.00 | R | 167 | D280M4 |
| 68 | 12700 | 21.85 | 120000 | 1.00 | RF | 167 | D280M4 |
| 78 | 11100 | 19.03 | 120000 | 1.45 | | | |
| 87 | 9860 | 16.98 | 120000 | 1.50 | | | |
| 102 | 8410 | 14.48 | 117300 | 2.1 | R | 167 | D280M4 |
| 123 | 6960 | 11.99 | 113500 | 2.4 | RF | 167 | D280M4 |
| 145 | 5940 | 10.24 | 110100 | 2.9 | | | |
| 72 | 11900 | 20.44 | 64800 | 1.00 | | | |
| 82 | 10500 | 18.04 | 67100 | 1.00 | R | 147 | D280M4 |
| 95 | 9080 | 15.64 | 69000 | 1.45 | RF | 147 | D280M4 |
| 106 | 8080 | 13.91 | 70200 | 1.55 | | | |
| 123 | 6960 | 11.99 | 71400 | 1.85 | | | |
| 152 | 5660 | 9.74 | 72500 | 2.3 | | | |
| 179 | 4800 | 8.26 | 73000 | 2.7 | R | 147 | D280M4 |
| 204 | 4210 | 7.25 | 70900 | 2.1 | RF | 147 | D280M4 |
| 251 | 3420 | 5.89 | 68300 | 2.5 | | | |
| 296 | 2900 | 5.00 | 66100 | 3.0 | | | |

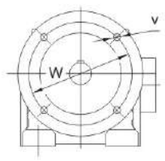
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **110kW** | | | | | | | |
| 53 | 19800 | 27.96 | 117100 | 0.90 | R | 167 | D315S4 |
| 63 | 16800 | 23.71 | 116900 | 1.05 | RF | 167 | D315S4 |
| 78 | 13500 | 19.03 | 115500 | 1.20 | | | |
| 87 | 12000 | 16.98 | 114300 | 1.25 | R | 167 | D315S4 |
| 103 | 10200 | 14.48 | 112200 | 1.75 | RF | 167 | D315S4 |
| 124 | 8480 | 11.99 | 109300 | 2.0 | | | |
| 145 | 7240 | 10.24 | 106500 | 2.3 | | | |
| **132kW** | | | | | | | |
| 63 | 20100 | 23.71 | 107900 | 0.90 | R | 167 | D315M4 |
| | | | | | RF | 167 | D315M4 |
| 78 | 16200 | 19.03 | 108300 | 1.00 | | | |
| 87 | 14400 | 16.98 | 107800 | 1.05 | R | 167 | D315M4 |
| 103 | 12300 | 14.48 | 106700 | 1.45 | RF | 167 | D315M4 |
| 124 | 10200 | 11.99 | 104700 | 1.65 | | | |
| 145 | 8690 | 10.24 | 102600 | 1.95 | | | |
| **160kW** | | | | | | | |
| 103 | 14900 | 14.48 | 99700 | 1.20 | R | 167 | D315M4a |
| 124 | 12300 | 11.99 | 98900 | 1.40 | RF | 167 | D315M4a |
| 145 | 10500 | 10.24 | 97600 | 1.60 | | | |

## R17..~R167..




## R17F..~R87F..



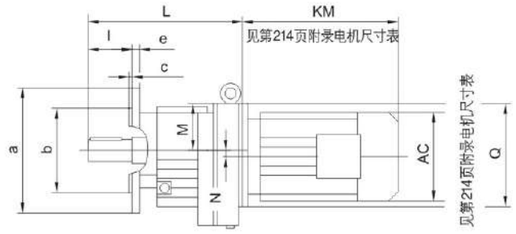



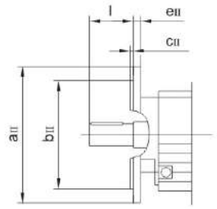

| 型号 size | a b | e f | g | h | j | k | m n | 轴伸尺寸 Shaft dimension | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | d | l | $l_1$ $l_2$ | s | t u |
| R17.. | 110 | 131 | 58 | 75-0.5 | 12 | 9 | 28 | 20k6 | 40 | 4 | M6 | 22.5 |
| R17F.. | 110 | 135 | | | | | 25 | | | 32 | | 6 |
| R27.. | 130 | 152 | 75 | 90-0.5 | 18 | 9 | 27 | 25k6 | 50 | 3.5 | M10 | 28 |
| R27F.. | 110 | 145 | | | | | 32 | | | 40 | | 8 |
| R37.. | 130 | 160 | 75 | 90-0.5 | 18 | 9 | 40 | 25k6 | 50 | 3.5 | M10 | 28 |
| R37F.. | 110 | 145 | | | | | 35 | | | 40 | | 8 |
| R47.. | 165 | 195 | 90 | 115-0.5 | 24 | 13.5 | 50 | 30k6 | 60 | 3.5 | M10 | 33 |
| R47F.. | 135 | 170 | | | | | 42 | | | 50 | | 8 |
| R57.. | 165 | 200 | 100 | 115-0.5 | 24 | 13.5 | 60 | 35k6 | 70 | 7 | M12 | 38 |
| R57F.. | 135 | 190 | | | | | 55 | | | 56 | | 10 |
| R67.. | 195 | 235 | 100 | 130-0.5 | 30 | 14 | 60 | 35k6 | 70 | 7 | M12 | 38 |
| R67F.. | 150 | 210 | | | | | 60 | | | 56 | | 10 |
| R77.. | 205 | 245 | 115 | 140-0.5 | 30 | 17.5 | 60 | 40k6 | 80 | 5 | M16 | 43 |
| R77F.. | 170 | 230 | | | | | 60 | | | 70 | | 12 |
| R87.. | 260 | 310 | 140 | 180-0.5 | 45 | 17.5 | 90 | 50k6 | 100 | 10 | M16 | 53.5 |
| R87F.. | 215 | 290 | | | | | 75 | | | 80 | | 14 |

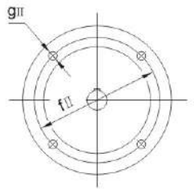
| 型号 size | 法兰尺寸 flange dimension | | | | | H | J | $L_1$ | $L_2$ | M | N | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | P q | $l_3$ | $l_4$ | $L_5$ $l_6$ | V w | | | | | | | |
| R17.. | 120 | 40 | 66 | 3 | 6.5 | 134 | / | 207 | 215 | 140 | 0 | / |
| R17F.. | 80j6 | | | 8 | 100 | | | | | | | |
| R27.. | 120 | 50 | 81 | 3 | 6.5 | 147 | / | 193 | 199 | 151 | 3.4 | 120 |
| R27F.. | 80j6 | | | 8 | 100 | | | | | | | |
| R37.. | 120 | 50 | 81 | 3 | 6.6 | 151 | / | 201 | 207 | 145 | 10.1 | 120 |
| R37F.. | 80j6 | | | 8 | 100 | | | | | | | |
| R47.. | 140 | 60 | 90 | 3 | 9 | 187 | / | 235 | 235 | 178 | 14 | 160 |
| R47F.. | 95j6 | | | 10 | 115 | | | | | | | |
| R57.. | 160 | 70 | 100 | 3.5 | 9 | 187 | / | 257 | 257 | 202 | 11.2 | 160 |
| R57F.. | 110j6 | | | 10 | 130 | | | | | | | |
| R67.. | 200 | 70 | 100 | 3.5 | 11 | 212 | 243 | 280 | 280 | 215 | 20.7 | 160 |
| R67F.. | 130j6 | | | 12 | 165 | | | | | | | |
| R77.. | 250 | 80 | 115 | 4 | 13.5 | 228 | 269 | 300 | 300 | 235 | 15.9 | 200 |
| R77F.. | 180j6 | | | 15 | 215 | | | | | | | |
| R87.. | 300 | 100 | 140 | 4 | 13.5 | 295 | 345 | 372 | 372 | 297 | 12.6 | 250 |
| R87F.. | 230j6 | | | 16 | 265 | | | | | | | |

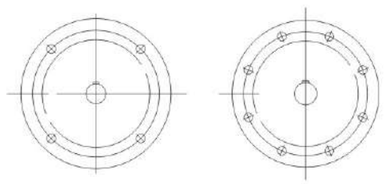
| 型号 size | a b | e f | g | h | j | k | m n | 轴伸尺寸 Shaftdimension | | | | | H | J | L M | N | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | d | l | $l_1$ $l_2$ | s | t u | | | | | |
| R97.. | 310 | 365 | 160 | 225-0.5 | 55 | 22 | 100 | 60m6 | 120 | 5 | M20 | 64 | 368 | 418 | 440 | 10.2 | 300 |
| | 250 | 340 | | | | | 90 | | | 110 | | 18 | | | 348 | | |
| R107.. | 370 | 440 | 185 | 250-0.5 | 65 | 26 | 125 | 70m6 | 140 | 7.5 | M20 | 74.5 | 408 | 475 | 495 | 20.4 | 350 |
| | 290 | 400 | | | | | 110 | | | 125 | | 20 | | | 409 | | |
| R137.. | 410 | 490 | 220 | 315-1 | 70 | 33 | 130 | 90m6 | 170 | 5 | M24 | 95 | 495 | 562 | 589 | 25.1 | 400 |
| | 340 | 450 | | | | | 110 | | | 160 | | 25 | | | 458 | | |
| R147.. | 500 | 590 | 260 | 355-1 | 80 | 39 | 150 | 110m6 | 210 | 15 | M24 | 116 | 565 | 637 | 695 | 33.4 | 450 |
| | 380 | 530 | | | | | 150 | | | 180 | | 28 | | | 540 | | |
| R167.. | 580 | 670 | 270 | 425-1 | 100 | 39 | 160 | 120m6 | 210 | 5 | M24 | 127 | 675 | 749 | 790 | 59.9 | 550 |
| | 500 | 660 | | | | | 160 | | | 200 | | 32 | | | 670 | | |

## RF17..~RF167..



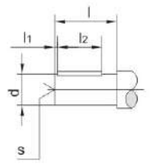


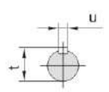





Flg.1 Flg.2

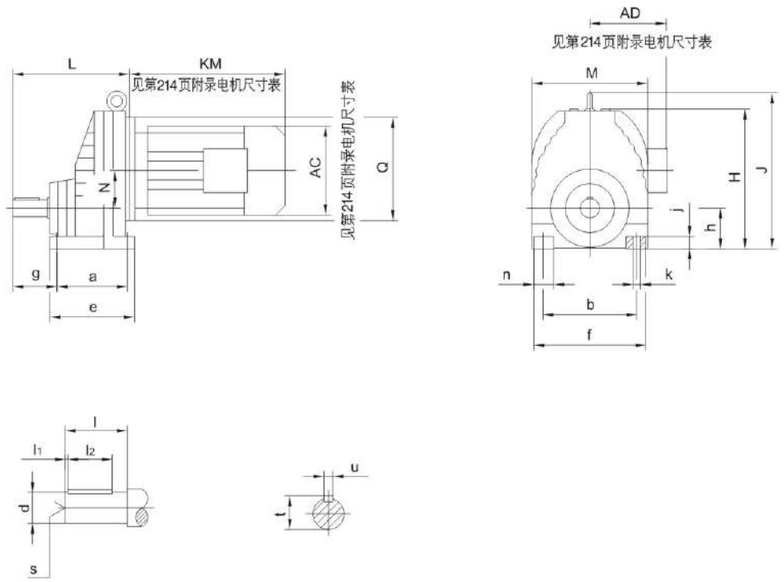
法兰型式
Flange form



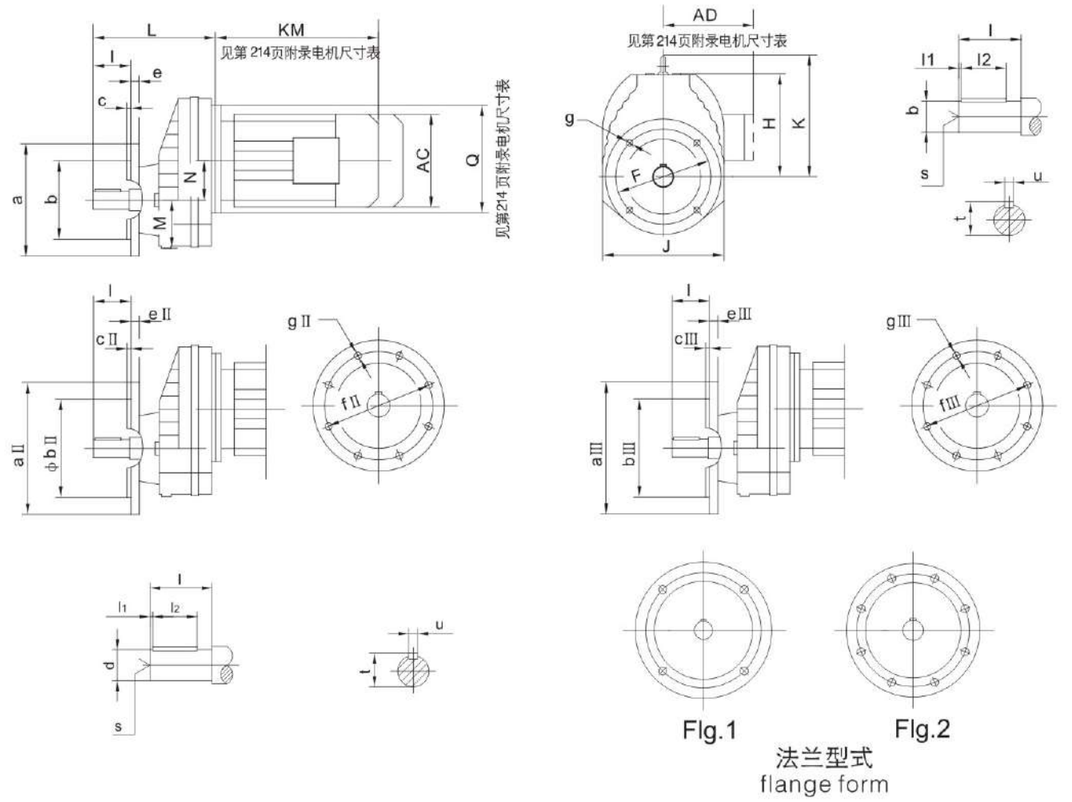

| 型号 size | 法兰尺寸 flange dimension | a<br>aII<br>aIII | b<br>bII<br>bIII | c<br>cII<br>cIII | e<br>eII<br>eIII | f<br>fII<br>fIII | g<br>gII<br>gIII | H<br>J<br>K | L<br>M<br>N | Q | 轴伸尺寸 Shaftdimension | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | d | l | l1<br>l2 | s | t<br>u |
| RF17.. | Flg.1 | 120<br>140<br>/ | 80j6<br>95j6<br>/ | 3<br>3<br>/ | 8<br>9<br>/ | 100<br>115<br>/ | 6.5<br>8.5<br>/ | 76<br>130<br>/ | 215<br>59<br>0 | / | 20k6 | 40 | 4<br>32 | M6 | 22.5<br>6 |
| RF27.. | Flg.1 | 120<br>140<br>160 | 80j6<br>95j6<br>110j6 | 3<br>3<br>3.5 | 8<br>9<br>10 | 100<br>115<br>130 | 6.5<br>8.5<br>8.5 | 92<br>142<br>/ | 199<br>57<br>3.4 | 120 | 25k6 | 50 | 3.5<br>40 | M10 | 28<br>8 |
| RF37.. | Flg.1 | 120<br>160<br>200 | 80j6<br>110j6<br>130j6 | 3<br>3.5<br>3.5 | 8<br>10<br>12 | 100<br>130<br>165 | 6.6<br>9<br>11 | 94<br>161<br>/ | 207<br>61<br>10.1 | 120 | 25k6 | 50 | 3.5<br>40 | M10 | 28<br>8 |
| RF47.. | Flg.1 | 140<br>160<br>200 | 95j6<br>110j6<br>130j6 | 3<br>3.5<br>3.5 | 10<br>10<br>12 | 115<br>130<br>165 | 9<br>9<br>11 | 118<br>178<br>/ | 235<br>72<br>14 | 160 | 30k6 | 60 | 3.5<br>50 | M10 | 33<br>8 |
| RF57.. | Flg.1 | 160<br>200<br>250 | 110j6<br>130j6<br>180j6 | 3.5<br>3.5<br>4 | 10<br>12<br>15 | 130<br>165<br>215 | 9<br>11<br>13.5 | 121<br>202<br>/ | 257<br>72<br>11.2 | 160 | 35k6 | 70 | 7<br>56 | M12 | 38<br>10 |
| RF67.. | Flg.1 | 200<br>250<br>/ | 130j6<br>180j6<br>/ | 3.5<br>4<br>/ | 12<br>15<br>/ | 165<br>215<br>/ | 11<br>13.5<br>/ | 134<br>215<br>113 | 280<br>82<br>20.7 | 160 | 35k6 | 70 | 7<br>56 | M12 | 38<br>10 |
| RF77.. | Flg.1 | 250<br>300<br>/ | 180j6<br>230j6<br>/ | 4<br>4<br>/ | 15<br>18.5<br>/ | 215<br>265<br>/ | 13.5<br>13.5<br>/ | 144<br>235<br>129 | 300<br>88<br>15.9 | 200 | 40k6 | 80 | 5<br>70 | M16 | 43<br>12 |
| RF87.. | Flg.1 | 300<br>350<br>/ | 230j6<br>250h6<br>/ | 4<br>5<br>/ | 16<br>18<br>/ | 265<br>300<br>/ | 13.5<br>17.5<br>/ | 184<br>297<br>165 | 372<br>115<br>12.6 | 250 | 50k6 | 100 | 10<br>80 | M16 | 53.5<br>14 |
| RF97.. | Flg.1<br>Flg.2<br>/ | 350<br>450<br>/ | 250h6<br>350h6<br>/ | 5<br>5<br>/ | 18<br>22<br>/ | 300<br>400<br>/ | 17.5<br>17.5<br>/ | 230<br>348<br>193 | 440<br>144<br>10.2 | 300 | 60m6 | 120 | 5<br>110 | M20 | 64<br>18 |
| RF107.. | Flg.1<br>Flg.2<br>/ | 350<br>450<br>/ | 250h6<br>350h6<br>/ | 5<br>5<br>/ | 20<br>22<br>/ | 300<br>400<br>/ | 17.5<br>17.5<br>/ | 255<br>409<br>224 | 495<br>158<br>20.4 | 350 | 70m6 | 140 | 7.5<br>125 | M20 | 74.5<br>20 |
| RF137.. | Flg.2 | 450<br>550<br>/ | 350h6<br>450h6<br>/ | 5<br>5<br>/ | 22<br>25<br>/ | 400<br>500<br>/ | 17.5<br>17.5<br>/ | 320<br>458<br>247 | 589<br>180<br>25.1 | 400 | 90m6 | 170 | 5<br>160 | M24 | 95<br>25 |
| RF147.. | Flg.2 | 450<br>550<br>/ | 350h6<br>450h6<br>/ | 5<br>5<br>/ | 22<br>25<br>/ | 400<br>500<br>/ | 17.5<br>17.5<br>/ | 361<br>540<br>285 | 695<br>210<br>33.4 | 450 | 110m6 | 210 | 15<br>180 | M24 | 116<br>28 |
| RF167.. | Flg.2 | 550<br>660<br>/ | 450h6<br>550h6<br>/ | 5<br>6<br>/ | 25<br>28<br>/ | 500<br>600<br>/ | 17.5<br>22<br>/ | 430<br>670<br>324 | 790<br>250<br>59.9 | 550 | 120m6 | 210 | 5<br>200 | M24 | 127<br>32 |

## RX57..~RX107..




| 型号 size | a b | e f | g | h | j | k | n | 轴伸尺寸 Shaftdimension d | l | l1 l2 | s | t u | H | J | L M | N | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RX57.. | 110<br>125 | 137<br>156 | 56 | 63-0.5 | 18 | 11 | 31 | 20k6 | 40 | 3.5<br>32 | M6 | 22.5<br>6 | 202 | / | 174<br>162 | 52 | 160 |
| RX67.. | 120<br>135 | 150<br>170 | 75 | 80-0.5 | 20 | 13.5 | 35 | 25k6 | 50 | 3.5<br>40 | M10 | 28<br>8 | 226 | / | 201<br>176 | 60 | 160 |
| RX77.. | 150<br>170 | 190<br>204 | 85 | 90-0.5 | 25 | 17.5 | 50 | 30k6 | 60 | 3.5<br>50 | M10 | 33<br>8 | 271 | 311 | 227<br>210 | 72 | 200 |
| RX87.. | 160<br>215 | 206<br>266 | 110 | 100-0.5 | 30 | 17.5 | 60 | 40k6 | 80 | 5<br>70 | M16 | 43<br>12 | 332 | 372 | 269<br>272 | 93.5 | 250 |
| RX97.. | 185<br>250 | 240<br>320 | 140 | 112-0.5 | 35 | 22 | 70 | 50k6 | 100 | 10<br>80 | M16 | 53.5<br>14 | 393 | 440 | 316<br>328 | 116 | 300 |
| RX107.. | 210<br>310 | 260<br>360 | 152 | 140-0.5 | 45 | 22 | 80 | 60m6 | 120 | 5<br>110 | M20 | 64<br>18 | 459 | 506 | 364<br>370 | 130 | 350 |

## RXF57..~RXF107..

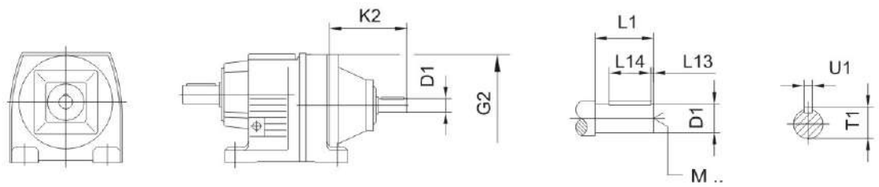



Flg.1 Flg.2

法兰型式
flange form

| 型号 size | 法兰尺寸 flange dimension | a a II a III | b b II b III | c c II c III | e e II e III | f f II f III | g g II g III | H J K | L M N | Q | 轴伸尺寸 Shaftdimension d | l | l1 l2 | s | t u |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RXF57.. | Flg.1 | 140<br>160<br>200 | 95j6<br>110j6<br>130j6 | 3<br>3.5<br>3.5 | 10<br>10<br>12 | 115<br>130<br>165 | 9<br>9<br>11 | 139<br>162<br>/ | 174<br>62<br>52 | 160 | 20k6 | 40 | 5<br>32 | M6 | 22.5<br>6 |
| RXF67.. | Flg.1 | 160<br>200<br>250 | 110j6<br>130j6<br>180j6 | 3.5<br>3.5<br>4 | 10<br>12<br>15 | 130<br>165<br>215 | 9<br>11<br>13.5 | 147<br>175<br>/ | 201<br>70<br>60 | 160 | 25k6 | 50 | 3.5<br>40 | M10 | 28<br>8 |
| RXF77.. | Flg.1 | 200<br>250<br>/ | 130j6<br>180j6<br>/ | 3.5<br>4<br>/ | 12<br>15<br>/ | 165<br>215<br>/ | 11<br>13.5<br>/ | 181<br>210<br>221 | 227<br>78<br>72 | 200 | 30k6 | 60 | 3.5 | 50 | 33<br>8 |
| RXF87.. | Flg.1 | 250<br>300<br>/ | 180j6<br>230j6<br>/ | 4<br>4<br>/ | 15<br>16<br>/ | 215<br>265<br>/ | 13.5<br>13.5<br>/ | 232<br>272<br>272 | 269<br>98<br>93.5 | 250 | 40k6 | 80 | 5<br>70 | M16 | 43<br>12 |
| RXF97.. | Flg.1 | 300<br>350<br>/ | 230j6<br>250h6<br>/ | 4<br>5<br>/ | 16<br>18<br>/ | 265<br>300<br>/ | 13.5<br>17.5<br>/ | 281<br>328<br>328 | 316<br>118<br>116 | 300 | 50k6 | 100 | 10<br>80 | M16 | 53.5<br>14 |
| RXF107.. | Flg.1<br>Flg.2<br>/ | 350<br>450<br>/ | 250h6<br>350h6<br>/ | 5<br>5<br>/ | 18<br>22<br>/ | 300<br>400<br>/ | 17.5<br>17.5<br>/ | 319<br>370<br>366 | 364<br>135<br>130 | 350 | 60m6 | 120 | 5<br>110 | M20 | 64<br>18 |

## R..AD..




| | | G2 | K2 | D1 | L1 | L13 | L14 | T1 | U1 | M |
|---|---|---|---|---|---|---|---|---|---|---|
| R..27<br>R..37 | AD1 | 120 | 102 | 16 | 40 | 4 | 32 | 18 | 5 | M5 |
| | AD2 | | 130 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| R..47<br>R..57<br>R..67 | AD2 | 160 | 123 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 159 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| R..77 | AD2 | 200 | 116 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 151 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| | AD4 | | 224 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| R..87 | AD2 | 250 | 111 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 165 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 219 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 292 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| R..97 | AD3 | 300 | 151 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 214 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 287 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 327 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| R..107 | AD3 | 350 | 145 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 208 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 281 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 321 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| R..137 | AD4 | 400 | 201 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 274 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 314 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 308 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| R..147 | AD4 | 450 | 193 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 266 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 306 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 300 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| R..167 | AD5 | 550 | 258 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 298 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 292 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

## R..AM..

Fig.1

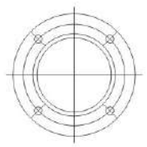
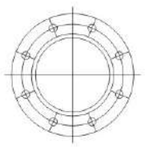
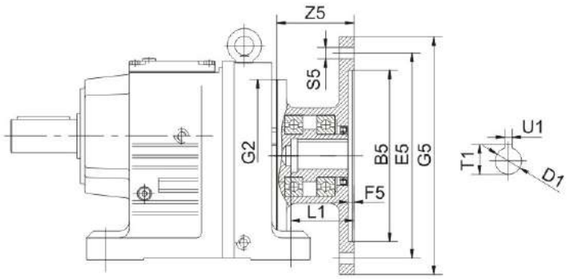


Fig.2






| | | Fig | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R..27<br>R..37 | AM63 | 1 | 95 | 115 | 3.5 | 120 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71[1)] | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80[1)] | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90[1)] | | | | | | | | | 24 | 50 | 27.3 | 8 |
| R..47<br>R..57<br>R..67 | AM63 | 1 | 95 | 115 | 3.5 | 160 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| R..77 | AM63 | 1 | 95 | 115 | 3.5 | 200 | 140 | M8 | 54 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| | AM132S[1)]<br>AM132M[1)] | | 230 | 265 | 5 | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML[1)] | | | | | | | | | | | | |
| R..87 | AM80 | 1 | 130 | 165 | 4.5 | 250 | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100 | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160[1)] | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180[1)] | | | | | | | | | 48 | | 51.8 | 14 |
| R..97 | AM100 | 1 | 180 | 215 | 5 | 300 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225[1)] | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |

1）如果安装在BR系列脚安装方式的减速机上,请检查尺寸G5/2,它可能已突出平面
Dimension G5/2 May protrude past foot mounting surface if mounted on s foot – mounted gear unit, pleae check.

## R..AM..

Fig.1

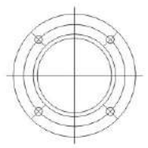
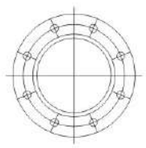
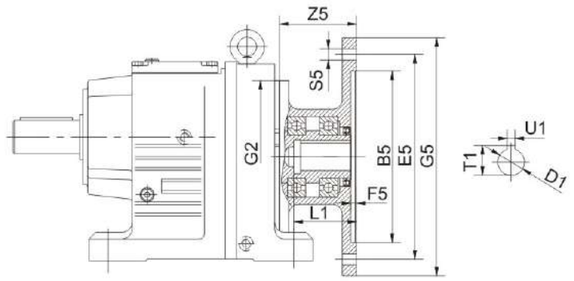


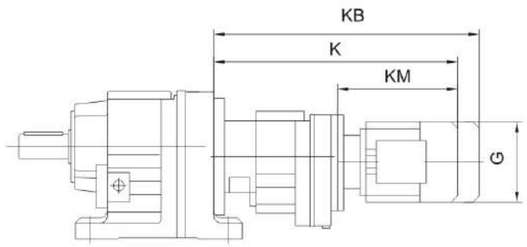
Fig.2






| | | Fig | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R..107 | AM100 | 1 | 180 | 215 | 5 | 350 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| R..137 | AM132S<br>AM132M | 1 | 230 | 265 | 5 | 400 | 300 | M12 | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM160 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM180 | | | | | | | | | | | | |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| R..147 | AM132S | 1 | 230 | 265 | 5 | 450 | 300 | M12 | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M | | | | | | | | | | | | |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 336 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |
| R..167 | AM160 | 1 | 250 | 300 | 6 | 550 | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 254 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 328 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |

## R..R..



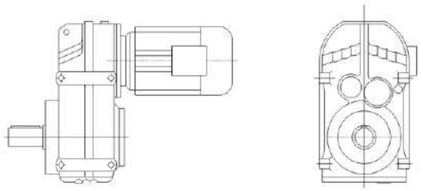

| | | G | K | KB | KM |
|---|---|---|---|---|---|
| R..27R17<br>R..37R17 | D63.. | 155 | 368 | 425 | 193 |
| | D71D | 155 | 369 | 433 | 194 |
| | D80.. | 155 | 419 | 483 | 244 |
| R..47R37<br>R..57R37<br>R..67R37 | D63.. | 155 | 400 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| R..77R37 | D63.. | 155 | 392 | 449 | 235 |
| | D71D | 155 | 393 | 457 | 236 |
| | D80.. | 155 | 443 | 507 | 286 |
| | D90.. | 210 | 443 | 528 | 286 |
| R..87R57 | D63.. | 155 | 445 | 502 | 229 |
| | D71D | 155 | 445 | 509 | 229 |
| | D80.. | 155 | 495 | 559 | 279 |
| | D90.. | 210 | 495 | 580 | 279 |
| R..97R57 | D63.. | 155 | 440 | 497 | 229 |
| | D71D | 155 | 440 | 504 | 229 |
| | D80.. | 155 | 490 | 554 | 279 |
| | D90.. | 210 | 490 | 575 | 279 |
| | D100M | 210 | 540 | 625 | 329 |
| | D100L | 210 | 560 | 645 | 349 |
| R..107R77 | D63.. | 155 | 470 | 527 | 223 |
| | D71D | 155 | 470 | 534 | 223 |
| | D80.. | 155 | 520 | 584 | 273 |
| | D90.. | 210 | 518 | 603 | 271 |
| | D100M | 210 | 568 | 653 | 321 |
| | D100L | 210 | 588 | 673 | 341 |
| | D112M | 240 | 602 | 682 | 355 |
| | D132S | 240 | 647 | 727 | 400 |
| | D132M | 285 | 699 | 811 | 452 |
| | D132ML | 285 | 719 | 831 | 472 |
| | D160M | 330 | 749 | 861 | 502 |
| R..137R77 | D63.. | 155 | 463 | 520 | 223 |
| | D71D | 155 | 463 | 527 | 223 |
| | D80.. | 155 | 513 | 577 | 273 |
| | D90.. | 210 | 511 | 596 | 271 |
| | D100M | 210 | 561 | 646 | 321 |
| | D100L | 210 | 581 | 666 | 341 |
| | D112M | 240 | 595 | 675 | 355 |
| | D132S | 240 | 640 | 720 | 400 |
| | D132M | 285 | 692 | 804 | 452 |
| | D132ML | 285 | 712 | 824 | 472 |
| | D160M | 330 | 742 | 854 | 502 |

| | | | K | KB | KM |
|---|---|---|---|---|---|
| R..147R77 | D63.. | 155 | 455 | 512 | 223 |
| | D71D | 155 | 455 | 519 | 223 |
| | D80.. | 155 | 505 | 569 | 273 |
| | D90.. | 210 | 503 | 588 | 271 |
| | D100M | 210 | 553 | 638 | 321 |
| | D100L | 210 | 573 | 658 | 341 |
| | D112M | 240 | 587 | 667 | 355 |
| | D132S | 240 | 632 | 712 | 400 |
| | D132M | 285 | 684 | 796 | 452 |
| | D132ML | 285 | 704 | 816 | 472 |
| | D160M | 330 | 734 | 846 | 502 |
| R..147R87 | D90.. | 210 | 547 | 632 | 267 |
| | D100M | 210 | 597 | 682 | 317 |
| | DV100L | 210 | 617 | 702 | 337 |
| | D112M | 240 | 630 | 710 | 350 |
| | D132S | 240 | 675 | 755 | 395 |
| | D132M | 285 | 727 | 839 | 447 |
| | D132ML | 285 | 747 | 859 | 467 |
| | D160M | 330 | 777 | 889 | 497 |
| | DV160L | 330 | 824 | 980 | 544 |
| | D180.. | 380 | 896 | 1052 | 616 |
| R..167R97 | D80.. | 155 | 586 | 650 | 261 |
| | D90.. | 210 | 586 | 671 | 261 |
| | D100M | 210 | 636 | 721 | 311 |
| | D100L | 210 | 656 | 741 | 331 |
| | D112M | 240 | 670 | 750 | 345 |
| | D132S | 240 | 715 | 795 | 390 |
| | D132M | 285 | 767 | 879 | 442 |
| | D132ML | 285 | 787 | 899 | 462 |
| | D160M | 330 | 817 | 929 | 492 |
| | D160L | 330 | 864 | 1020 | 539 |
| | D180.. | 380 | 936 | 1092 | 611 |
| R..167R107 | D100M | 210 | 687 | 772 | 305 |
| | D100L | 210 | 707 | 792 | 325 |
| | D112M | 240 | 721 | 801 | 339 |
| | D132S | 240 | 766 | 846 | 384 |
| | D132M | 285 | 818 | 930 | 436 |
| | D132ML | 285 | 838 | 950 | 456 |
| | D160M | 330 | 868 | 980 | 486 |
| | D160L | 330 | 915 | 1071 | 533 |
| | D180.. | 380 | 988 | 1143 | 605 |
| | D200.. | 420 | 1075 | 1231 | 693 |
| | D225.. | 470 | 1107 | 1263 | 725 |

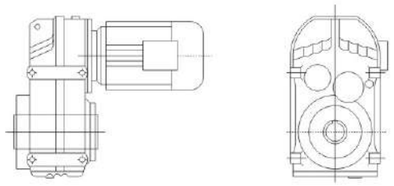
# 6. F系列平行轴—斜齿轮减速机 F Parallel shaft – Helical Geared Motor

## 6.1 设计方案
## 6.1 Versions of geared motors

平行轴装式斜齿轮减速电机有以下设计方案：
The following types of Parallel Shaft – Helical Geared Motor can be supplied:

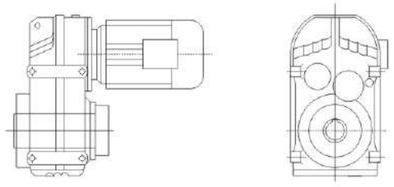


F..
底脚安装平行轴斜齿轮减速机
Solid shaft
Rall mount with tapped holes

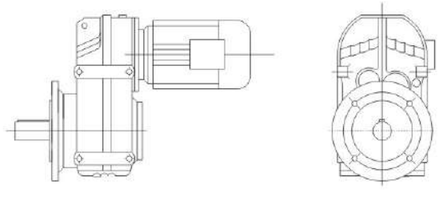


FA..B
底脚空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Rail mount with tapped holes

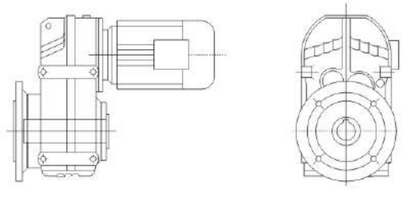
FV..B
底脚花键空心轴安装平行轴斜齿轮减速机
Aplined hollow shaft
Rail mount with tapped holes



FH..B
底脚空心轴锁紧盘安装平行轴斜齿轮减速机
Shrink disk hollow shaft
Rail mount with tapped holes



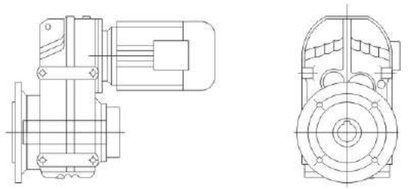
FF..
B5 法兰安装平行轴斜齿轮减速机
Solid shaft
Flange mounted (D & B5 style flange with through holes)



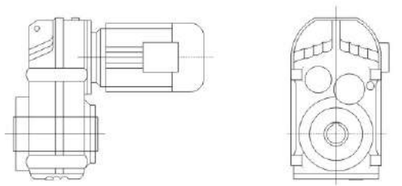
FAF..
B5 法兰空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Flange mount (D & B5 style flange with through holes)

FVF..
B5 法兰花键空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Flange mount (D & B5 style flange with through holes)



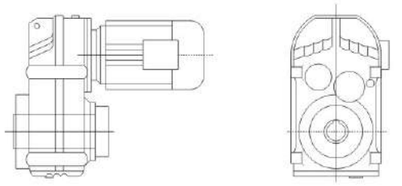


FHF..
B5 法兰空心轴锁紧盘安装平行轴斜齿轮减速机
Shrink disk hollow shaft
Flange mount(D & B5 style flange with through holes)

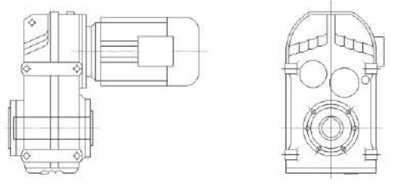


FA..
空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Shaft mount

FV..
花键空心轴安装平行轴斜齿轮减速电机
Splined hollow shaft
Shaft mount

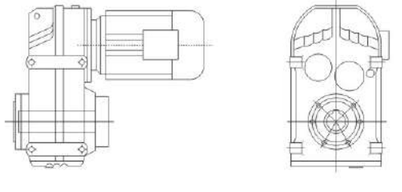


FH..
空心轴锁紧盘安装平行轴斜齿轮减速机
Shrink disk hollow shaft
Shaft mount



FAZ..
B14 法兰空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Face mount (C & B14 sytle flange with tapped holes)

FVZ..
B14 法兰花键空心轴安装平行轴斜齿轮减速机
Hollow shaft with key
Face mount (C & B14 sytle flange with tapped holes)



FHZ..
B14 法兰空心轴锁紧盘安装平行轴斜齿轮减速机
Shrink disk hollow shaft
Face mount (C & B14 style flange with tapped holes)

## 6.2 可行的组合方式
## 6.2 Type of combination

以下是平行轴斜齿轮减速机与交流(带制动)电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electro motor in each list the ratio range.

| 减速器型号 Gear unit size | 级 Stages | D63 D71 | D80 | D90 | D100 | D112 | D132S | D132M |
|---|---|---|---|---|---|---|---|---|
| F/FF/FA/FAF37 | 2 | 4.22-7.44<br>8.97-23.63 | 3.77-23.63 | 3.77-20.57 | 3.77-6.74<br>8.01-14.33<br>17.03 | | | |
| F/FF/FA/FAF37 | 3 | 23.88-128.51 | 23.88-100.36 | 23.88-51.70<br>58.32-86.53 | 23.88-31.69<br>38.31<br>51.70<br>58.32<br>70.50 | | | |
| F/FF/FA/FAF47 | 2 | 6.34-8.96<br>13.93-30.86 | 4.99-30.86 | 4.99-30.86 | 4.99-25.72 | | | |
| F/FF/FA/FAF47 | 3 | 28.88-190.76 | 28.88-150.06 | 28.88-130.07 | 28.88-56.49<br>68.09-105.09 | | | |
| F/FF/FA/FAF57 | 2 | 6.58-9.31<br>13.52-40.13 | 5.18-34.24 | 5.18-29.94 | 5.18-24.96 | 5.18-21.17 | | |
| F/FF/FA/FAF57 | 3 | 30.15-199.70 | 30.15-157.09 | 30.15-136.16 | 30.15-58.97<br>83.46-110.01 | 30.15-50.10<br>83.46-93.47 | | |
| F/FF/FA/FAF67 | 2 | 7.53-9.08<br>18.29-36.30 | 5.95-9.08<br>14.46-36.30 | 3.97-36.30 | 3.97-32.08 | 3.97-27.41 | 3.97-22.05 | 3.97-22.05 |
| F/FF/FA/FAF67 | 3 | 43.20-228.99 | 34.01-195.39 | 34.01-170.85 | 34.01-142.40 | 34.01-67.65<br>90.59-120.79 | 34.01-53.73<br>90.59-95.94 | 34.01-53.73<br>90.59-95.94 |
| F/FF/FA/FAF77 | 2 | 21.43-36.58 | 8.26-9.30<br>17.49-36.58 | 5.76-9.30<br>12.20-36.58 | 4.28-36.58 | 4.28-31.51 | 4.28-25.50 | 4.28-25.50 |
| F/FF/FA/FAF77 | 3 | 48.37-72.50<br>94.93-281.71 | 38.23-225.79 | 25.54-198.31 | 25.54-166.47 | 25.54-142.27 | 25.54-58.32<br>75.02-114.45 | 25.54-58.32<br>75.02-114.45 |
| F/FF/FA/FAF87 | 2 | | 23.68-33.92 | 7.35-8.29<br>17.12-33.92 | 5.63-8.29<br>13.12-33.92 | 5.63-8.29<br>13.12-33.92 | 4.12-33.92 | 4.12-33.92 |
| F/FF/FA/FAF87 | 3 | | 109.49-270.68 | 39.30-50.36<br>76.39-270.68 | 29.20-228.93 | 29.20-197.20 | 29.20-159.61 | 29.20-159.61 |
| F/FF/FA/FAF97 | 2 | | | 9.06<br>22.11-43.28 | 7.07-9.06<br>17.25-43.28 | 7.07-9.06<br>17.25-43.28 | 4.57-43.28 | 4.57-43.28 |
| F/FF/FA/FAF97 | 3 | | | 58.06-72.29<br>80.31<br>89.85-97.58<br>112.99-276.77 | 44.49-72.29<br>80.31-276.77 | 44.49-72.29<br>80.31-276.77 | 32.50-223.88 | 32.50-223.88 |
| F/FF/FA/FAF107 | 2 | | | | 21.76-33.79 | 21.76-33.79 | 7.40-9.69<br>14.67-33.79 | 7.40-9.69<br>14.67-33.79 |
| F/FF/FA/FAF107 | 3 | | | | 58.12-83.99<br>92.47-254.40 | 58.12-83.99<br>92.47-254.40 | 37.61-254.40 | 37.61-254.40 |
| F/FF/FA/FAF127 | 2 | | | | | | | 7.88-8.86<br>14.55-26.86 |
| F/FF/FA/FAF127 | 3 | | | | | | | 37.28-170.83 |

续表

| 减速器型号 Gear unit size | 级 Stages | D132ML | D160M | D160L | D180 | D200 |
|---|---|---|---|---|---|---|
| F/FF/FA/FAF77 | 2 | 4.28-19.70 | 4.28-19.70 | | | |
| F/FF/FA/FAF77 | 3 | 25.54-43.58 | 25.54-43.58 | | | |
| F/FF/FA/FAF87 | 2 | 4.12-26.50 | 4.12-26.50 | 4.12-26.50 | 4.12-21.32 | |
| F/FF/FA/FAF87 | 3 | 29.20-123.29 | 29.20-123.29 | 29.20-123.29 | 29.20-50.36 | |
| F/FF/FA/FAF97 | 2 | 4.57-33.91 | 4.57-33.91 | 4.57-33.91 | 4.57-27.44 | 4.57-22.11 |
| F/FF/FA/FAF97 | 3 | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-75.63<br>86.59<br>102.16-140.71 | 32.50-58.06<br>75.63<br>86.59<br>102.16-112.99 |
| F/FF/FA/FAF107 | 2 | 6.22-9.69<br>12.33-33.79 | 6.22-9.69<br>12.33-33.79 | 6.22-9.69<br>12.33-33.79 | 6.22-33.79 | 6.22-27.57 |
| F/FF/FA/FAF107 | 3 | 31.80-199.31 | 31.80-199.31 | 31.80-199.31 | 31.80-161.28 | 31.80-74.52<br>88.49<br>101.38-129.97 |
| F/FF/FA/FAF127 | 2 | 6.80-8.86<br>12.54-26.86 | 6.80-8.86<br>12.54-26.86 | 6.80-8.86<br>12.54-26.86 | 5.52-26.86 | 4.68-26.86 |
| F/FF/FA/FAF127 | 3 | 31.33-170.83 | 31.33-170.83 | 31.33-170.83 | 25.30-153.67 | 25.30-125.37 |
| F/FF/FA/FAF157 | 2 | | 16.85-53.55 | 16.85-53.55 | 13.96-43.94 | 11.92-35.75 |
| F/FF/FA/FAF157 | 3 | | 40.06-267.43 | 40.06-267.43 | 32.55-217.62 | 27.60-178.20 |

| 减速器型号 Gear unit size | 级 Stages | D225 | D250M | D280 | D315M/ | D315M-A/B |
|---|---|---|---|---|---|---|
| F/FF/FA/FAF107 | 2 | 6.22-27.57 | | | | |
| F/FF/FA/FAF107 | 3 | 31.80-74.52<br>88.49<br>101.38-129.97 | | | | |
| F/FF/FA/FAF127 | 2 | 4.68-26.86 | 4.68-21.38 | 4.68-21.38 | | |
| F/FF/FA/FAF127 | 3 | 25.30-125.37 | 25.30-55.31<br>75.41-98.95 | 25.30-55.31<br>75.41-98.95 | | |
| F/FF/FA/FAF157 | 2 | 11.92-35.75 | 11.92-28.60 | 11.92-28.60 | 11.92-22.16 | 11.92-16.85 |
| F/FF/FA/FAF157 | 3 | 27.60-178.20 | 27.60-68.28<br>96.53-141.80 | 27.60-68.28<br>96.53-141.80 | 27.60-52.24<br>96.53-108.49 | 27.60-40.06 |

## 6.3 速比与最大扭矩
## 6.3 Ratio and Max. Torque

### F 37 - 57 $n_e$=1400 1/min

| F37 | | | | 200Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 128.51 | 11 | 200 | 4290 | |
| 117.88 | 12 | 200 | 4290 | |
| 100.36 | 14 | 200 | 4290 | |
| 86.53 | 16 | 200 | 4290 | |
| 80.65 | 17 | 200 | 4290 | $AD_1$ |
| 70.50 | 20 | 200 | 4290 | |
| 66.09 | 21 | 200 | 4290 | |
| 58.32 | 24 | 200 | 4290 | |
| 54.54 | 26 | 200 | 4290 | |
| 51.70 | 27 | 200 | 4290 | |
| 47.02 | 30 | 200 | 4290 | |
| 43.83 | 32 | 200 | 4290 | |
| 38.31 | 37 | 200 | 4290 | |
| 35.91 | 39 | 200 | 4290 | $AD_2$ |
| 31.69 | 44 | 200 | 4290 | |
| 28.09 | 50 | 200 | 4060 | |
| 23.88 | 59 | 200 | 3760 | |
| 2-stage | | | | |
| 23.63 | 59 | 200 | 3740 | |
| 20.57 | 68 | 200 | 3500 | |
| 19.27 | 73 | 200 | 3390 | |
| 17.03 | 82 | 200 | 3180 | |
| 15.81 | 89 | 200 | 3070 | |
| 14.33 | 98 | 200 | 2910 | |
| 12.87 | 109 | 200 | 2750 | |
| 11.08 | 126 | 190 | 2620 | |
| 10.42 | 134 | 185 | 2580 | $AD_2$ |
| 8.97 | 156 | 175 | 2460 | |
| 8.01 | 175 | 170 | 2360 | |
| 7.44 | 188 | 145 | 2350 | |
| 6.74 | 208 | 140 | 2270 | |
| 6.05 | 231 | 135 | 2190 | |
| 5.21 | 269 | 125 | 2120 | |
| 4.90 | 286 | 120 | 2100 | |
| 4.22 | 332 | 110 | 2030 | |
| 3.77 | 372 | 105 | 1970 | |

| F47 | | | | 400Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 190.76 | 7.3 | 400 | 5920 | |
| 175.38 | 8.0 | 400 | 5920 | |
| 150.06 | 9.3 | 400 | 5920 | |
| 130.07 | 11 | 400 | 5920 | |
| 121.57 | 12 | 400 | 5920 | $AD_1$ |
| 105.09 | 13 | 400 | 5920 | |
| 89.29 | 16 | 400 | 5920 | |
| 79.72 | 18 | 400 | 5920 | |
| 68.09 | 21 | 400 | 5920 | |
| 65.36 | 21 | 400 | 5920 | |
| 56.49 | 25 | 400 | 5920 | |
| 48.00 | 29 | 400 | 5920 | |
| 42.86 | 33 | 400 | 5920 | $AD_2$ |
| 36.61 | 38 | 400 | 5920 | |
| 34.29 | 41 | 400 | 5920 | |
| 28.88 | 48 | 400 | 5790 | |
| 2-stage | | | | |
| 30.86 | 45 | 400 | 5920 | |
| 29.32 | 48 | 400 | 5830 | |
| 25.72 | 54 | 400 | 5470 | |
| 21.82 | 64 | 400 | 5030 | |
| 19.70 | 71 | 400 | 4770 | |
| 17.33 | 81 | 400 | 4450 | |
| 16.36 | 86 | 400 | 4320 | |
| 13.93 | 100 | 400 | 3950 | $AD_2$ |
| 12.66 | 111 | 400 | 3740 | |
| 10.97 | 128 | 400 | 3440 | |
| 8.96 | 156 | 330 | 3250 | |
| 7.88 | 178 | 380 | 2630 | |
| 7.44 • | 188 | 380 | 2530 | |
| 6.34 | 221 | 350 | 2470 | |
| 5.76 | 243 | 340 | 2390 | |
| 4.99 | 281 | 320 | 2310 | |

| F57 | | | | 600Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 199.70 | 7.0 | 600 | 8200 | |
| 183.60 | 7.6 | 600 | 8200 | |
| 157.09 | 8.9 | 600 | 8200 | |
| 136.16 | 10 | 600 | 8200 | |
| 127.27 | 11 | 600 | 8200 | |
| 110.01 | 13 | 600 | 8200 | |
| 93.47 | 15 | 600 | 8200 | |
| 83.46 | 17 | 600 | 8200 | $AD_2$ |
| 72.98 | 19 | 600 | 8200 | |
| 68.22 | 21 | 600 | 8200 | |
| 58.97 | 24 | 600 | 8200 | |
| 50.10 | 28 | 600 | 8200 | |
| 44.73 | 31 | 600 | 8200 | |
| 38.21 | 37 | 600 | 8200 | |
| 35.79 | 39 | 600 | 8200 | |
| 30.15 | 46 | 590 | 7650 | |
| 2-stage | | | | |
| 40.13 | 35 | 290 | 9710 | |
| 34.24 | 41 | 500 | 8670 | |
| 29.94 | 47 | 545 | 7890 | $AD_2$ |
| 28.45 | 49 | 535 | 7760 | |
| 24.96 | 56 | 575 | 7060 | |
| 21.17 | 66 | 600 | 6350 | |
| 19.11 | 73 | 600 | 6020 | |
| 16.81 | 83 | 600 | 5620 | |
| 15.88 | 88 | 600 | 5450 | |
| 13.52 | 104 | 600 | 4980 | |
| 12.29 | 114 | 600 | 4710 | |
| 10.64 | 132 | 600 | 4320 | $AD_3$ |
| 9.31 | 150 | 420 | 4760 | |
| 8.19 | 171 | 420 | 4450 | |
| 7.73 | 181 | 420 | 4310 | |
| 6.58 | 213 | 420 | 3940 | |
| 5.98 | 234 | 420 | 3730 | |
| 5.18 | 270 | 415 | 3460 | |

### F 67 - 87 $n_e$=1400 1/min

| F67 | | | | 820Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 228.99 | 6.1 | 820 | 10300 | |
| 195.39 | 7.2 | 820 | 10300 | |
| 170.85 | 8.2 | 820 | 10300 | |
| 162.31 | 8.6 | 820 | 10300 | |
| 142.40 | 9.8 | 820 | 10300 | |
| 120.79 | 12 | 820 | 10300 | |
| 109.04 | 13 | 820 | 10300 | |
| 95.94 | 15 | 820 | 10300 | |
| 90.59 | 15 | 820 | 10300 | $AD_2$ |
| 79.76 | 18 | 820 | 10300 | |
| 67.65 | 21 | 820 | 10300 | |
| 61.07 | 23 | 820 | 10300 | |
| 53.73 | 26 | 820 | 10300 | |
| 50.74 | 28 | 820 | 10300 | |
| 43.20 | 32 | 820 | 10300 | |
| 39.26 | 36 | 780 | 10700 | |
| 34.01 | 41 | 740 | 11000 | |
| 2-stage | | | | |
| 36.30 | 39 | 820 | 10300 | $AD_2$ |
| 32.08 | 44 | 820 | 10300 | |
| 27.41 | 51 | 820 | 10300 | |
| 25.13 | 56 | 820 | 10300 | |
| 22.05 | 63 | 820 | 10300 | |
| 20.90 • | 67 | 820 | 10300 | |
| 18.29 | 77 | 820 | 10300 | |
| 16.48 | 85 | 820 | 10300 | |
| 14.46 | 97 | 820 | 10300 | |
| 12.76 | 110 | 820 | 10300 | $AD_3$ |
| 11.31 | 124 | 820 | 10300 | |
| 9.66 | 145 | 820 | 10300 | |
| 9.08 | 154 | 530 | 11400 | |
| 8.60 | 163 | 570 | 10900 | |
| 7.53 | 186 | 610 | 10100 | |
| 6.78 | 206 | 620 | 9660 | |
| 5.95 | 235 | 610 | 9200 | |
| 5.25 | 267 | 590 | 8850 | |
| 4.66 | 300 | 560 | 8590 | |
| 3.97 | 353 | 500 | 8390 | |

| F77 | | | | 1500Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 281.71 | 5.0 | 1500 | 15700 | |
| 262.93 | 5.3 | 1500 | 15700 | |
| 225.79 | 6.2 | 1500 | 15700 | |
| 198.31 | 7.1 | 1500 | 15700 | |
| 188.40 | 7.4 | 1500 | 15700 | |
| 166.47 | 8.4 | 1500 | 15700 | |
| 142.27 | 9.8 | 1500 | 15700 | |
| 130.42 | 11 | 1500 | 15700 | |
| 114.45 | 12 | 1500 | 15700 | $AD_2$ |
| 108.46• | 13 | 1500 | 15700 | |
| 94.93 | 15 | 1500 | 15700 | |
| 85.52 | 16 | 1500 | 15700 | |
| 75.02 | 19 | 1500 | 15700 | |
| 72.50 | 19 | 1500 | 15700 | |
| 66.46 | 21 | 1500 | 15700 | |
| 58.32 | 24 | 1500 | 15700 | |
| 55.27 | 25 | 1500 | 15700 | |
| 48.37 | 29 | 1500 | 15700 | |
| 43.58 | 32 | 1500 | 15700 | |
| 38.23 | 37 | 1500 | 15700 | |
| 33.74 | 41 | 1500 | 15700 | $AD_3$ |
| 29.91 | 47 | 1500 | 15700 | |
| 25.54 | 55 | 1450 | 16100 | |
| 2-stage | | | | |
| 36.58 | 38 | 1110 | 17900 | |
| 31.51 | 44 | 1380 | 16500 | $AD_3$ |
| 28.75 | 49 | 1430 | 16200 | |
| 25.50 | 55 | 1500 | 15700 | |
| 21.43 | 65 | 1500 | 15700 | |
| 19.70 | 71 | 1500 | 15700 | |
| 17.49 | 80 | 1500 | 15700 | |
| 15.64 | 90 | 1500 | 15700 | |
| 14.06 | 100 | 1500 | 15700 | |
| 12.20 | 115 | 1500 | 14900 | |
| 10.93 | 128 | 1500 | 14200 | $AD_4$ |
| 9.30 | 151 | 1080 | 13800 | |
| 8.26 | 169 | 1080 | 13100 | |
| 7.39 | 189 | 1080 | 12500 | |
| 6.64 | 211 | 1080 | 12000 | |
| 5.76 | 243 | 1080 | 11300 | |
| 5.16 | 271 | 1080 | 10700 | |
| 4.28 | 327 | 1010 | 10200 | |

| F87 | | | | 3000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 3-stage | | | | |
| 270.68 | 5.2 | 3000 | 19800 | |
| 255.37 | 5.5 | 3000 | 19800 | |
| 228.93 | 6.1 | 3000 | 19800 | |
| 197.20 | 7.1 | 3000 | 19800 | |
| 179.97 | 7.8 | 3000 | 19800 | |
| 159.61 | 8.8 | 3000 | 19800 | $AD_2$ |
| 134.16 | 10 | 3000 | 19800 | |
| 123.29 | 11 | 3000 | 19800 | |
| 109.49 | 13 | 3000 | 19800 | |
| 97.89 | 14 | 3000 | 19800 | |
| 88.01 | 16 | 3000 | 19800 | |
| 76.39 | 18 | 3000 | 19800 | |
| 68.40 | 20 | 3000 | 19600 | |
| 56.75 | 25 | 3000 | 17700 | |
| 50.36 | 28 | 2940 | 16800 | $AD_3$ |
| 45.28 | 31 | 2820 | 16200 | |
| 39.30 | 36 | 2720 | 15400 | |
| 35.19 | 40 | 2610 | 14900 | |
| 29.20 | 48 | 2510 | 13800 | $AD_4$ |
| 2-stage | | | | |
| 33.92 | 41 | 2610 | 14600 | |
| 28.78 | 49 | 2450 | 13900 | |
| 26.50 | 53 | 3000 | 11100 | |
| 23.68 | 59 | 3000 | 10300 | |
| 21.32 | 66 | 3000 | 9530 | |
| 19.31 | 73 | 3000 | 8840 | |
| 17.12 | 82 | 3000 | 8040 | |
| 15.48 | 90 | 3000 | 7390 | |
| 13.12 | 107 | 3000 | 6370 | $AD_6$ |
| 11.46 | 122 | 3000 | 5580 | |
| 9.58 | 146 | 2880 | 5050 | |
| 8.29 | 169 | 1530 | 8890 | |
| 7.35 | 190 | 1530 | 8280 | |
| 6.65 | 211 | 1530 | 7790 | |
| 5.63 | 248 | 1530 | 7020 | |
| 4.92 | 284 | 1530 | 6430 | |
| 4.12 | 340 | 1460 | 5980 | |

## F 97 - 127 $n_e$=1400 1/min

**F97** 4300Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| **3-stage** | | | | |
| 276.77 | 5.1 | 4300 | 29900 | |
| 253.41 | 5.5 | 4300 | 29900 | |
| 223.88 | 6.3 | 4300 | 29900 | |
| 189.92 | 7.4 | 4300 | 29900 | |
| 174.87 | 8.0 | 4300 | 29900 | |
| 156.30 | 9.0 | 4300 | 29900 | |
| 140.71 | 9.9 | 4300 | 29900 | |
| 127.42 | 11 | 4300 | 29900 | $AD_3$ |
| 112.99 | 12 | 4300 | 29900 | |
| 102.16 | 14 | 4300 | 29900 | |
| 97.58 | 14 | 4300 | 29900 | |
| 89.85 | 16 | 4300 | 29900 | |
| 86.59 | 16 | 4300 | 29900 | |
| 80.31 | 17 | 4300 | 29900 | |
| 75.63 | 19 | 4300 | 29900 | |
| 72.29 | 19 | 4300 | 29900 | |
| 65.47 | 21 | 4300 | 29900 | |
| 58.06 | 24 | 4300 | 27200 | |
| 52.49 | 27 | 4300 | 25800 | $AD_4$ |
| 44.49 | 31 | 4300 | 23600 | |
| 38.86 | 36 | 4300 | 21900 | |
| 32.50 | 43 | 4300 | 19800 | |
| **2-stage** | | | | |
| 43.28 | 32 | 3070 | 27600 | $AD_4$ |
| 36.64 | 38 | 3070 | 25500 | |
| 33.91 | 41 | 4300 | 20300 | |
| 30.39 | 46 | 4300 | 19000 | |
| 27.44 | 51 | 4300 | 17900 | |
| 24.92 | 56 | 4300 | 16800 | $AD_5$ |
| 22.11 | 63 | 4300 | 15600 | |
| 20.07 | 70 | 4300 | 14600 | |
| 17.25 | 81 | 4300 | 13200 | |
| 15.06 | 93 | 4300 | 11900 | |
| 12.77 | 110 | 4300 | 10500 | |
| 11.16 | 125 | 4100 | 10000 | |
| 9.06 | 154 | 2360 | 13600 | |
| 8.22 | 170 | 2360 | 12800 | $AD_6$ |
| 7.07 | 198 | 2360 | 11700 | |
| 6.17 | 227 | 2250 | 11200 | |
| 5.23 | 268 | 2150 | 10600 | |
| 4.57 | 306 | 2050 | 10100 | |

**F107** 7840Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| **3-stage** | | | | |
| 254.40 | 5.5 | 7680 | 49800 | |
| 215.37 | 6.5 | 7680 | 49800 | |
| 199.31 | 7.0 | 7680 | 49800 | |
| 178.64 | 7.8 | 7680 | 49800 | $AD_3$ |
| 161.28 | 8.7 | 7680 | 49800 | |
| 146.49 | 9.6 | 7680 | 49800 | |
| 129.97 | 11 | 7680 | 49800 | |
| 117.94 | 12 | 7680 | 49800 | |
| 101.38 | 14 | 7680 | 49800 | |
| 92.47 | 15 | 7680 | 49800 | |
| 88.49 | 16 | 7680 | 49800 | |
| 83.99 | 17 | 7680 | 49800 | $AD_4$ |
| 74.52 | 19 | 7680 | 49800 | |
| 67.62 | 21 | 7680 | 49800 | |
| 58.12 | 24 | 7680 | 47800 | |
| 50.73 | 28 | 7680 | 45100 | |
| 43.03 | 33 | 7680 | 42000 | |
| 37.61 | 37 | 7680 | 39500 | $AD_5$ |
| 31.80 | 44 | 7680 | 36500 | |
| **2-stage** | | | | |
| 33.79 | 41 | 7400 | 38300 | |
| 27.57 | 51 | 7840 | 33700 | |
| 25.14 | 56 | 7840 | 32200 | |
| 21.76 | 64 | 7840 | 30000 | |
| 19.20 | 73 | 7840 | 28100 | |
| 16.58 | 84 | 7840 | 26000 | |
| 14.67 | 95 | 7680 | 24700 | $AD_6$ |
| 12.33 | 114 | 7000 | 24300 | |
| 9.96 | 141 | 6500 | 22900 | |
| 9.69 | 144 | 4910 | 25400 | |
| 8.37 | 167 | 4800 | 24000 | |
| 7.40 | 189 | 4600 | 23200 | |
| 6.22 | 225 | 4600 | 21100 | |

**F127** 12000Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| **3-stage** | | | | |
| 170.83 | 8.2 | 12000 | 90000 | |
| 153.67 | 9.1 | 12000 | 90000 | |
| 125.37 | 11 | 12000 | 90000 | |
| 114.34 | 12 | 12000 | 88000 | $AD_4$ |
| 98.95 | 14 | 12000 | 83000 | |
| 87.31 | 16 | 12000 | 78900 | |
| 75.41 | 19 | 12000 | 74300 | |
| 70.07 | 20 | 12000 | 72100 | |
| 63.91 | 22 | 12000 | 69400 | |
| 55.31 | 25 | 12000 | 65300 | $AD_5$ |
| 48.80 | 29 | 12000 | 61800 | |
| 42.15 | 33 | 12000 | 57900 | |
| 37.28 | 38 | 12000 | 54800 | $AD_6$ |
| 31.33 | 45 | 12000 | 50600 | $AD_7$ |
| 25.30 | 55 | 12000 | 45700 | |
| **2-stage** | | | | |
| 26.86 | 52 | 8500 | 55300 | $AD_5$ |
| 24.57 | 57 | 8500 | 53300 | |
| 21.38 | 65 | 12000 | 42000 | |
| 18.87 | 74 | 11000 | 41900 | |
| 16.36 | 86 | 11000 | 39000 | |
| 14.55 | 96 | 11000 | 36200 | |
| 12.54 | 112 | 10000 | 36400 | |
| 10.19 | 137 | 9500 | 34000 | $AD_8$ |
| 8.86 | 158 | 7000 | 36400 | |
| 7.88 | 178 | 6000 | 37000 | |
| 6.80 | 206 | 7000 | 32200 | |
| 5.52 | 254 | 6000 | 31700 | |
| 4.68 | 299 | 6000 | 29500 | |

## F 157, F 37/47R17 $n_e$=1400 1/min

**F157** 18000Nm

| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
|---|---|---|---|---|
| 267.43 | 5.2 | 18000 | 100300 | |
| 217.62 | 6.4 | 18000 | 100300 | |
| 178.20 | 7.9 | 18000 | 100300 | |
| 162.96 | 8.6 | 18000 | 100300 | |
| 141.80 | 9.9 | 18000 | 100300 | |
| 125.14 | 11 | 18000 | 100300 | $AD_5$ |
| 108.49 | 13 | 18000 | 100300 | |
| 96.53 | 15 | 18000 | 100300 | |
| 85.80 | 16 | 18000 | 95700 | |
| 78.46 | 18 | 18000 | 92300 | |
| 68.28 | 21 | 18000 | 87000 | |
| 60.25 | 23 | 18000 | 82500 | |
| 52.24 | 27 | 18000 | 77500 | $AD_6$ |
| 46.48 | 30 | 18000 | 73600 | |
| 40.06 | 35 | 18000 | 68900 | $AD_7$ |
| 32.55 | 43 | 18000 | 62500 | |
| 27.60 | 51 | 18000 | 57800 | $AD_8$ |
| **2-stage** | | | | |
| 53.55 | 26 | 8000 | 98300 | $AD_5$ |
| 43.94 | 32 | 10000 | 87800 | |
| 35.75 | 39 | 11000 | 79300 | $AD_6$ |
| 28.60 | 49 | 17000 | 60800 | |
| 25.43 | 55 | 15000 | 61500 | |
| 22.16 | 63 | 18000 | 51800 | |
| 19.77 | 71 | 17000 | 50900 | $AD_8$ |
| 16.85 | 83 | 18000 | 44900 | |
| 13.96 | 100 | 17000 | 42500 | |
| 11.92 | 117 | 16000 | 40900 | |

**F37R17** 200Nm

| i | $n_a$ [1/min] | Stage R37 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 8193 | 0.17 | 3 | 3 | 200 | 4290 |
| 7064 | 0.20 | 3 | 3 | 200 | 4290 |
| 6585 | 0.21 | 3 | 3 | 200 | 4290 |
| 5756 | 0.24 | 3 | 3 | 200 | 4290 |
| 4963 | 0.28 | 3 | 3 | 200 | 4290 |
| 4434 | 0.32 | 3 | 3 | 200 | 4290 |
| 3875 | 0.36 | 3 | 3 | 200 | 4290 |
| 3392 | 0.41 | 3 | 3 | 200 | 4290 |
| 2965 | 0.47 | 3 | 3 | 200 | 4290 |
| 2587 | 0.54 | 3 | 3 | 200 | 4290 |
| 2284 | 0.61 | 3 | 3 | 200 | 4290 |
| 1997 | 0.70 | 3 | 3 | 200 | 4290 |
| 1929 | 0.73 | 2 | 3 | 200 | 4290 |
| 1742 | 0.80 | 3 | 3 | 200 | 4290 |
| 1679 | 0.83 | 2 | 3 | 200 | 4290 |
| 1550 | 0.90 | 2 | 3 | 200 | 4290 |
| 1545 | 0.91 | 3 | 3 | 200 | 4290 |
| 1370 | 1.0 | 3 | 2 | 200 | 4290 |
| 1356 | 1.0 | 2 | 3 | 200 | 4290 |
| 1198 | 1.2 | 3 | 2 | 200 | 4290 |
| 1180 | 1.2 | 2 | 3 | 200 | 4290 |
| 1047 | 1.3 | 3 | 2 | 200 | 4290 |
| 1044 | 1.3 | 2 | 3 | 200 | 4290 |
| 915 | 1.5 | 3 | 2 | 200 | 4290 |
| 914 | 1.5 | 2 | 3 | 200 | 4290 |
| 808 | 1.7 | 2 | 3 | 200 | 4290 |
| 807 | 1.7 | 3 | 2 | 200 | 4290 |
| 707 | 2.0 | 3 | 2 | 200 | 4290 |
| 698 | 2.0 | 2 | 3 | 200 | 4290 |
| 617 | 2.3 | 3 | 2 | 200 | 4290 |
| 616 | 2.3 | 2 | 3 | 200 | 4290 |
| 544 | 2.6 | 2 | 3 | 200 | 4290 |
| 538 | 2.6 | 3 | 2 | 200 | 4290 |
| 477 | 2.9 | 3 | 2 | 200 | 4290 |
| 466 | 3.0 | 2 | 3 | 200 | 4290 |
| 412 | 3.4 | 3 | 2 | 200 | 4290 |
| 411 | 3.4 | 2 | 3 | 200 | 4290 |
| 365 | 3.8 | 3 | 2 | 200 | 4290 |
| 364 | 3.8 | 2 | 3 | 200 | 4290 |
| 326 | 4.3 | 2 | 2 | 200 | 4290 |
| 322 | 4.3 | 3 | 2 | 200 | 4290 |
| 285 | 4.9 | 2 | 2 | 200 | 4290 |
| 278 | 5.0 | 3 | 2 | 200 | 4290 |
| 250 | 5.6 | 2 | 2 | 200 | 4290 |
| 242 | 5.8 | 3 | 2 | 200 | 4290 |
| 221 | 6.3 | 3 | 2 | 200 | 4290 |
| 219 | 6.4 | 2 | 2 | 200 | 4290 |
| 195 | 7.2 | 3 | 2 | 200 | 4290 |
| 186 | 7.5 | 2 | 2 | 200 | 4290 |
| 168 | 8.3 | 3 | 2 | 200 | 4290 |
| 167 | 8.4 | 2 | 2 | 200 | 4290 |
| 147 | 9.5 | 3 | 2 | 200 | 4290 |
| 145 | 9.7 | 2 | 2 | 200 | 4290 |
| 129 | 11 | 2 | 2 | 200 | 4290 |
| 127 | 11 | 3 | 2 | 200 | 4290 |
| 121 | 12 | 3 | 2 | 200 | 4290 |
| 118 | 12 | 2 | 2 | 200 | 4290 |
| 108 | 13 | 3 | 2 | 200 | 4290 |
| 98 | 14 | 2 | 2 | 200 | 4290 |
| 91 | 15 | 3 | 2 | 200 | 4290 |
| 87 | 16 | 2 | 2 | 200 | 4290 |

**F47R17** 400Nm

| i | $n_a$ [1/min] | Stage R47 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 12251 | 0.11 | 3 | 3 | 400 | 5920 |
| 10619 | 0.13 | 3 | 3 | 400 | 5920 |
| 9846 | 0.14 | 3 | 3 | 400 | 5920 |
| 8534 | 0.16 | 3 | 3 | 400 | 5920 |
| 7460 | 0.19 | 3 | 3 | 400 | 5920 |
| 6536 | 0.21 | 3 | 3 | 400 | 5920 |
| 5746 | 0.24 | 3 | 3 | 400 | 5920 |
| 5022 | 0.28 | 3 | 3 | 400 | 5920 |
| 4401 | 0.32 | 3 | 3 | 400 | 5920 |
| 3883 | 0.36 | 3 | 3 | 400 | 5920 |
| 3443 | 0.41 | 3 | 3 | 400 | 5920 |
| 2976 | 0.47 | 3 | 3 | 400 | 5920 |
| 2629 | 0.53 | 3 | 3 | 400 | 5920 |
| 2519 | 0.56 | 2 | 3 | 400 | 5920 |
| 2394 | 0.58 | 2 | 3 | 400 | 5920 |
| 2304 | 0.61 | 3 | 3 | 400 | 5920 |
| 2172 | 0.64 | 2 | 3 | 400 | 5920 |
| 2033 | 0.69 | 3 | 3 | 400 | 5920 |
| 2025 | 0.69 | 2 | 3 | 400 | 5920 |
| 1785 | 0.78 | 3 | 2 | 400 | 5920 |
| 1770 | 0.79 | 2 | 3 | 400 | 5920 |
| 1578 | 0.89 | 3 | 2 | 400 | 5920 |
| 1576 | 0.89 | 2 | 3 | 400 | 5920 |
| 1364 | 1.0 | 3 | 2 | 400 | 5920 |
| 1363 | 1.0 | 2 | 3 | 400 | 5920 |
| 1203 | 1.2 | 3 | 2 | 400 | 5920 |
| 1192 | 1.2 | 2 | 3 | 400 | 5920 |
| 1061 | 1.3 | 2 | 3 | 400 | 5920 |
| 1049 | 1.3 | 3 | 2 | 400 | 5920 |
| 931 | 1.5 | 2 | 3 | 400 | 5920 |
| 918 | 1.5 | 3 | 2 | 400 | 5920 |
| 822 | 1.7 | 2 | 3 | 400 | 5920 |
| 809 | 1.7 | 3 | 2 | 400 | 5920 |
| 706 | 2.0 | 2 | 3 | 400 | 5920 |
| 700 | 2.0 | 3 | 2 | 400 | 5920 |
| 622 | 2.3 | 3 | 2 | 400 | 5920 |
| 619 | 2.3 | 2 | 3 | 400 | 5920 |
| 543 | 2.6 | 3 | 2 | 400 | 5920 |
| 524 | 2.7 | 2 | 2 | 400 | 5920 |
| 489 | 2.9 | 2 | 2 | 400 | 5920 |
| 475 | 2.9 | 3 | 2 | 400 | 5920 |
| 427 | 3.3 | 2 | 2 | 400 | 5920 |
| 419 | 3.3 | 3 | 2 | 400 | 5920 |
| 381 | 3.7 | 2 | 2 | 400 | 5920 |
| 370 | 3.8 | 3 | 2 | 400 | 5920 |
| 334 | 4.2 | 2 | 2 | 400 | 5920 |
| 324 | 4.3 | 3 | 2 | 400 | 5920 |
| 295 | 4.7 | 2 | 2 | 400 | 5920 |
| 288 | 4.9 | 3 | 2 | 400 | 5920 |
| 253 | 5.5 | 2 | 2 | 400 | 5920 |
| 249 | 5.6 | 3 | 2 | 400 | 5920 |
| 218 | 6.4 | 3 | 2 | 400 | 5920 |
| 217 | 6.5 | 2 | 2 | 400 | 5920 |
| 193 | 7.3 | 3 | 2 | 400 | 5920 |
| 190 | 7.4 | 2 | 2 | 400 | 5920 |
| 178 | 7.9 | 2 | 2 | 400 | 5920 |
| 175 | 8.0 | 3 | 2 | 400 | 5920 |
| 149 | 9.4 | 2 | 2 | 400 | 5920 |
| 147 | 9.5 | 3 | 2 | 400 | 5920 |
| 131 | 11 | 2 | 2 | 400 | 5920 |
| 130 | 11 | 3 | 2 | 400 | 5920 |

## F 57/67/77 R37 $n_e$=1400 1/min

F57R37 600Nm

| i | $n_a$ [1/min] | Stage R57 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 14832 | 0.09 | 3 | 3 | 600 | 8200 |
| 13604 | 0.10 | 3 | 3 | 600 | 8200 |
| 12602 | 0.11 | 3 | 3 | 600 | 8200 |
| 11252 | 0.12 | 3 | 3 | 600 | 8200 |
| 9986 | 0.14 | 3 | 3 | 600 | 8200 |
| 8787 | 0.16 | 3 | 3 | 600 | 8200 |
| 7908 | 0.18 | 3 | 3 | 600 | 8200 |
| 6913 | 0.20 | 3 | 3 | 600 | 8200 |
| 6030 | 0.23 | 3 | 3 | 600 | 8200 |
| 5289 | 0.26 | 3 | 3 | 600 | 8200 |
| 4654 | 0.30 | 3 | 3 | 600 | 8200 |
| 4060 | 0.34 | 3 | 3 | 600 | 8200 |
| 3564 | 0.39 | 3 | 3 | 600 | 8200 |
| 3161 | 0.44 | 3 | 3 | 600 | 8200 |
| 2854 | 0.49 | 2 | 3 | 600 | 8200 |
| 2737 | 0.51 | 3 | 3 | 600 | 8200 |
| 2576 | 0.54 | 2 | 3 | 600 | 8200 |
| 2409 | 0.58 | 3 | 3 | 600 | 8200 |
| 2266 | 0.62 | 2 | 3 | 600 | 8200 |
| 2131 | 0.66 | 3 | 3 | 600 | 8200 |
| 2012 | 0.70 | 2 | 3 | 600 | 8200 |
| 1840 | 0.76 | 3 | 3 | 600 | 8200 |
| 1791 | 0.78 | 2 | 3 | 600 | 8200 |
| 1623 | 0.86 | 3 | 2 | 600 | 8200 |
| 1617 | 0.87 | 2 | 2 | 600 | 8200 |
| 1439 | 0.97 | 3 | 3 | 600 | 8200 |
| 1422 | 0.98 | 2 | 2 | 600 | 8200 |
| 1243 | 1.1 | 2 | 3 | 600 | 8200 |
| 1238 | 1.1 | 3 | 3 | 600 | 8200 |
| 1106 | 1.3 | 3 | 2 | 600 | 8200 |
| 1066 | 1.3 | 2 | 2 | 600 | 8200 |
| 967 | 1.4 | 3 | 3 | 600 | 8200 |
| 949 | 1.5 | 2 | 3 | 600 | 8200 |
| 856 | 1.6 | 2 | 2 | 600 | 8200 |
| 851 | 1.6 | 3 | 3 | 600 | 8200 |
| 749 | 1.9 | 2 | 2 | 600 | 8200 |
| 738 | 1.9 | 3 | 3 | 600 | 8200 |
| 658 | 2.1 | 2 | 2 | 600 | 8200 |
| 646 | 2.2 | 3 | 2 | 600 | 8200 |
| 558 | 2.5 | 3 | 3 | 600 | 8200 |
| 549 | 2.6 | 2 | 2 | 600 | 8200 |
| 506 | 2.8 | 3 | 3 | 600 | 8200 |
| 483 | 2.9 | 2 | 2 | 600 | 8200 |
| 452 | 3.1 | 3 | 3 | 600 | 8200 |
| 426 | 3.3 | 2 | 2 | 600 | 8200 |
| 386 | 3.6 | 3 | 2 | 600 | 8200 |
| 382 | 3.7 | 2 | 2 | 600 | 8200 |
| 338 | 4.1 | 3 | 2 | 600 | 8200 |
| 330 | 4.2 | 2 | 2 | 600 | 8200 |
| 298 | 4.7 | 2 | 2 | 600 | 8200 |
| 298 | 4.7 | 2 | 2 | 600 | 8200 |
| 262 | 5.3 | 2 | 2 | 600 | 8200 |
| 255 | 5.5 | 3 | 2 | 600 | 8200 |
| 226 | 6.2 | 2 | 2 | 600 | 8200 |
| 226 | 6.2 | 2 | 2 | 600 | 8200 |
| 201 | 7.0 | 3 | 2 | 600 | 8200 |
| 200 | 7.0 | 2 | 2 | 600 | 8200 |
| 181 | 7.7 | 3 | 2 | 600 | 8200 |
| 170 | 8.2 | 2 | 2 | 600 | 8200 |
| 155 | 9.0 | 3 | 2 | 600 | 8200 |
| 152 | 9.2 | 2 | 2 | 600 | 8200 |
| 134 | 10 | 2 | 2 | 600 | 8200 |

F67R37 820Nm

| i | $n_a$ [1/min] | Stage R67 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 19199 | 0.07 | 3 | 3 | 820 | 10300 |
| 17610 | 0.08 | 3 | 3 | 820 | 10300 |
| 14992 | 0.09 | 3 | 3 | 820 | 10300 |
| 12926 | 0.11 | 3 | 3 | 820 | 10300 |
| 11480 | 0.12 | 3 | 3 | 820 | 10300 |
| 10220 | 0.14 | 3 | 3 | 820 | 10300 |
| 8933 | 0.16 | 3 | 3 | 820 | 10300 |
| 7940 | 0.18 | 3 | 3 | 820 | 10300 |
| 7096 | 0.20 | 3 | 3 | 820 | 10300 |
| 6080 | 0.23 | 3 | 3 | 820 | 10300 |
| 5341 | 0.26 | 3 | 3 | 820 | 10300 |
| 4690 | 0.30 | 3 | 3 | 820 | 10300 |
| 4091 | 0.34 | 3 | 3 | 820 | 10300 |
| 3574 | 0.39 | 3 | 3 | 820 | 10300 |
| 3377 | 0.41 | 2 | 3 | 820 | 10300 |
| 3133 | 0.45 | 3 | 3 | 820 | 10300 |
| 2912 | 0.48 | 2 | 3 | 820 | 10300 |
| 2756 | 0.51 | 3 | 3 | 820 | 10300 |
| 2714 | 0.52 | 2 | 3 | 820 | 10300 |
| 2439 | 0.57 | 3 | 3 | 820 | 10300 |
| 2372 | 0.59 | 2 | 3 | 820 | 10300 |
| 2126 | 0.66 | 2 | 3 | 820 | 10300 |
| 2106 | 0.66 | 3 | 2 | 820 | 10300 |
| 1884 | 0.74 | 3 | 2 | 820 | 10300 |
| 1859 | 0.75 | 2 | 3 | 820 | 10300 |
| 1635 | 0.86 | 3 | 2 | 820 | 10300 |
| 1631 | 0.86 | 2 | 3 | 820 | 10300 |
| 1437 | 0.97 | 2 | 3 | 820 | 10300 |
| 1429 | 0.98 | 3 | 2 | 820 | 10300 |
| 1271 | 1.1 | 3 | 2 | 820 | 10300 |
| 1256 | 1.1 | 2 | 3 | 820 | 10300 |
| 1126 | 1.2 | 2 | 3 | 820 | 10300 |
| 1102 | 1.3 | 3 | 2 | 820 | 10300 |
| 984 | 1.4 | 2 | 3 | 820 | 10300 |
| 970 | 1.4 | 3 | 2 | 820 | 10300 |
| 864 | 1.6 | 2 | 3 | 820 | 10300 |
| 858 | 1.6 | 3 | 2 | 820 | 10300 |
| 755 | 1.9 | 3 | 2 | 820 | 10300 |
| 722 | 1.9 | 2 | 3 | 820 | 10300 |
| 641 | 2.2 | 3 | 2 | 820 | 10300 |
| 634 | 2.2 | 2 | 3 | 820 | 10300 |
| 572 | 2.4 | 3 | 2 | 820 | 10300 |
| 539 | 2.6 | 2 | 3 | 820 | 10300 |
| 509 | 2.8 | 3 | 2 | 820 | 10300 |
| 500 | 2.8 | 2 | 2 | 820 | 10300 |
| 454 | 3.1 | 2 | 2 | 820 | 10300 |
| 437 | 3.2 | 3 | 2 | 820 | 10300 |
| 392 | 3.6 | 2 | 2 | 820 | 10300 |
| 384 | 3.6 | 3 | 2 | 820 | 10300 |
| 338 | 4.1 | 3 | 2 | 820 | 10300 |
| 333 | 4.2 | 2 | 2 | 820 | 10300 |
| 305 | 4.6 | 3 | 2 | 820 | 10300 |
| 297 | 4.7 | 2 | 2 | 820 | 10300 |
| 261 | 5.4 | 2 | 2 | 820 | 10300 |
| 257 | 5.4 | 3 | 2 | 820 | 10300 |
| 238 | 5.9 | 2 | 2 | 820 | 10300 |
| 231 | 6.1 | 3 | 2 | 820 | 10300 |
| 205 | 6.8 | 3 | 2 | 820 | 10300 |
| 200 | 7.0 | 2 | 2 | 820 | 10300 |
| 176 | 8.0 | 2 | 2 | 820 | 10300 |
| 175 | 8.0 | 3 | 2 | 820 | 10300 |

F77R37 1500Nm

| i | $n_a$ [1/min] | Stage R77 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 19180 | 0.07 | 3 | 3 | 1500 | 15700 |
| 17593 | 0.08 | 3 | 3 | 1500 | 15700 |
| 16128 | 0.09 | 3 | 3 | 1500 | 15700 |
| 14978 | 0.09 | 3 | 3 | 1500 | 15700 |
| 13731 | 0.10 | 3 | 3 | 1500 | 15700 |
| 12049 | 0.12 | 3 | 3 | 1500 | 15700 |
| 11035 | 0.13 | 3 | 3 | 1500 | 15700 |
| 9683 | 0.14 | 3 | 3 | 1500 | 15700 |
| 8464 | 0.17 | 3 | 3 | 1500 | 15700 |
| 7520 | 0.19 | 3 | 3 | 1500 | 15700 |
| 6580 | 0.21 | 3 | 3 | 1500 | 15700 |
| 5808 | 0.24 | 3 | 3 | 1500 | 15700 |
| 5026 | 0.28 | 3 | 3 | 1500 | 15700 |
| 4931 | 0.28 | 2 | 3 | 1110 | 17900 |
| 4523 | 0.31 | 2 | 3 | 1110 | 17900 |
| 4435 | 0.32 | 3 | 3 | 1500 | 15700 |
| 3851 | 0.36 | 2 | 3 | 1110 | 17900 |
| 3832 | 0.37 | 3 | 3 | 1500 | 15700 |
| 3381 | 0.41 | 3 | 3 | 1500 | 15700 |
| 3320 | 0.42 | 2 | 3 | 1110 | 17900 |
| 3095 | 0.45 | 2 | 3 | 1110 | 17900 |
| 2978 | 0.47 | 3 | 3 | 1500 | 15700 |
| 2705 | 0.52 | 2 | 3 | 1110 | 17900 |
| 2613 | 0.54 | 3 | 3 | 1500 | 15700 |
| 2536 | 0.55 | 2 | 3 | 1110 | 17900 |
| 2284 | 0.61 | 3 | 3 | 1500 | 15700 |
| 2238 | 0.63 | 2 | 3 | 1110 | 17900 |
| 2039 | 0.69 | 2 | 3 | 1110 | 17900 |
| 2029 | 0.69 | 3 | 2 | 1500 | 15700 |
| 1759 | 0.80 | 2 | 3 | 1110 | 17900 |
| 1728 | 0.81 | 3 | 2 | 1500 | 15700 |
| 1639 | 0.85 | 2 | 3 | 1110 | 17900 |
| 1544 | 0.91 | 3 | 2 | 1500 | 15700 |
| 1433 | 0.98 | 2 | 3 | 1110 | 17900 |
| 1354 | 1.0 | 3 | 2 | 1500 | 15700 |
| 1343 | 1.0 | 2 | 3 | 1110 | 17900 |
| 1200 | 1.2 | 3 | 2 | 1500 | 15700 |
| 1185 | 1.2 | 2 | 3 | 1110 | 17900 |
| 1053 | 1.3 | 3 | 2 | 1500 | 15700 |
| 1051 | 1.3 | 2 | 3 | 1100 | 17900 |
| 910 | 1.5 | 3 | 2 | 1500 | 15700 |
| 893 | 1.6 | 2 | 3 | 1110 | 17900 |
| 815 | 1.7 | 2 | 2 | 1110 | 17900 |
| 810 | 1.7 | 3 | 2 | 1500 | 15700 |
| 710 | 2.0 | 3 | 2 | 1500 | 15700 |
| 706 | 2.0 | 2 | 2 | 1110 | 17900 |
| 660 | 2.1 | 2 | 2 | 1110 | 17900 |
| 615 | 2.3 | 3 | 2 | 1500 | 15700 |
| 571 | 2.5 | 2 | 2 | 1110 | 17900 |
| 538 | 2.6 | 3 | 2 | 1500 | 15700 |
| 485 | 2.9 | 2 | 2 | 1110 | 17900 |
| 480 | 2.9 | 3 | 2 | 1500 | 15700 |
| 433 | 3.2 | 2 | 2 | 1110 | 17900 |
| 413 | 3.4 | 3 | 2 | 1500 | 15700 |
| 370 | 3.8 | 2 | 2 | 1110 | 17900 |
| 367 | 3.8 | 3 | 2 | 1500 | 15700 |
| 346 | 4.0 | 2 | 2 | 1110 | 17900 |
| 323 | 4.3 | 3 | 2 | 1500 | 15700 |
| 292 | 4.8 | 2 | 2 | 1110 | 17900 |
| 280 | 5.0 | 3 | 2 | 1500 | 15700 |
| 247 | 5.7 | 3 | 2 | 1500 | 15700 |
| 221 | 6.3 | 3 | 2 | 1500 | 15700 |
| 199 | 7.0 | 3 | 2 | 1500 | 15700 |

## F 87/97R57, F 107R77 $n_e$=1400 1/min

F87R57 3000Nm

| i | $n_a$ [1/min] | Stage R87 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 23042 | 0.06 | 3 | 3 | 3000 | 19800 |
| 20462 | 0.07 | 3 | 3 | 3000 | 19800 |
| 18238 | 0.08 | 3 | 3 | 3000 | 19800 |
| 15877 | 0.09 | 3 | 3 | 3000 | 19800 |
| 14099 | 0.10 | 3 | 3 | 3000 | 19800 |
| 12205 | 0.11 | 3 | 3 | 3000 | 19800 |
| 10433 | 0.13 | 3 | 3 | 3000 | 19800 |
| 9381 | 0.15 | 3 | 3 | 3000 | 19800 |
| 8142 | 0.17 | 3 | 3 | 3000 | 19800 |
| 7100 | 0.20 | 3 | 3 | 3000 | 19800 |
| 6273 | 0.22 | 3 | 3 | 3000 | 19800 |
| 5510 | 0.25 | 3 | 3 | 3000 | 19800 |
| 4954 | 0.28 | 3 | 3 | 3000 | 19800 |
| 4952 | 0.28 | 2 | 3 | 3000 | 19800 |
| 4562 | 0.31 | 2 | 3 | 3000 | 19800 |
| 4245 | 0.33 | 3 | 3 | 3000 | 19800 |
| 3919 | 0.36 | 2 | 3 | 3000 | 19800 |
| 3721 | 0.38 | 3 | 3 | 3000 | 19800 |
| 3503 | 0.40 | 2 | 3 | 3000 | 19800 |
| 3244 | 0.43 | 3 | 2 | 3000 | 19800 |
| 3196 | 0.44 | 2 | 3 | 3000 | 19800 |
| 2881 | 0.49 | 3 | 2 | 3000 | 19800 |
| 2857 | 0.49 | 2 | 3 | 3000 | 19800 |
| 2576 | 0.54 | 3 | 2 | 3000 | 19800 |
| 2524 | 0.55 | 2 | 3 | 3000 | 19800 |
| 2199 | 0.64 | 3 | 2 | 3000 | 19800 |
| 2134 | 0.66 | 2 | 3 | 3000 | 19800 |
| 1930 | 0.73 | 3 | 2 | 3000 | 19800 |
| 1913 | 0.73 | 2 | 3 | 3000 | 19800 |
| 1717 | 0.82 | 2 | 3 | 3000 | 19800 |
| 1709 | 0.82 | 3 | 2 | 3000 | 19800 |
| 1493 | 0.94 | 3 | 2 | 3000 | 19800 |
| 1476 | 0.95 | 2 | 3 | 3000 | 19800 |
| 1300 | 1.1 | 3 | 2 | 3000 | 19800 |
| 1278 | 1.1 | 2 | 3 | 3000 | 19800 |
| 1148 | 1.2 | 3 | 2 | 3000 | 19800 |
| 1142 | 1.2 | 2 | 3 | 3000 | 19800 |
| 1010 | 1.4 | 3 | 2 | 3000 | 19800 |
| 988 | 1.4 | 2 | 3 | 3000 | 19800 |
| 887 | 1.6 | 3 | 2 | 3000 | 19800 |
| 883 | 1.6 | 2 | 3 | 3000 | 19800 |
| 780 | 1.8 | 3 | 2 | 3000 | 19800 |
| 748 | 1.9 | 2 | 3 | 3000 | 19800 |
| 674 | 2.1 | 3 | 2 | 3000 | 19800 |
| 662 | 2.1 | 2 | 2 | 3000 | 19800 |
| 609 | 2.3 | 3 | 2 | 3000 | 19800 |
| 592 | 2.4 | 2 | 2 | 3000 | 19800 |
| 519 | 2.7 | 2 | 2 | 3000 | 19800 |
| 515 | 2.7 | 3 | 2 | 3000 | 19800 |
| 468 | 3.0 | 2 | 2 | 3000 | 19800 |
| 452 | 3.1 | 3 | 2 | 3000 | 19800 |
| 398 | 3.5 | 2 | 2 | 3000 | 19800 |
| 350 | 4.0 | 2 | 2 | 3000 | 19800 |
| 345 | 4.1 | 3 | 2 | 3000 | 19800 |
| 315 | 4.4 | 2 | 2 | 3000 | 19800 |
| 300 | 4.7 | 3 | 2 | 3000 | 19800 |
| 281 | 5.0 | 2 | 2 | 3000 | 19800 |
| 249 | 5.6 | 3 | 2 | 3000 | 19800 |
| 240 | 5.8 | 2 | 2 | 3000 | 19800 |
| 211 | 6.6 | 2 | 2 | 3000 | 19800 |
| 193 | 7.3 | 2 | 2 | 3000 | 19800 |

F97R57 4300Nm

| i | $n_a$ [1/min] | Stage R97 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 29211 | 0.05 | 3 | 3 | 4300 | 29900 |
| 26911 | 0.05 | 3 | 3 | 4300 | 29900 |
| 23814 | 0.06 | 3 | 3 | 4300 | 29900 |
| 20813 | 0.07 | 3 | 3 | 4300 | 29900 |
| 18119 | 0.08 | 3 | 3 | 4300 | 29900 |
| 15472 | 0.09 | 3 | 3 | 4300 | 29900 |
| 14022 | 0.10 | 3 | 3 | 4300 | 29900 |
| 12324 | 0.11 | 3 | 3 | 4300 | 29900 |
| 10838 | 0.13 | 3 | 3 | 4300 | 29900 |
| 9576 | 0.15 | 3 | 3 | 4300 | 29900 |
| 8318 | 0.17 | 3 | 3 | 4300 | 29900 |
| 7328 | 0.19 | 3 | 3 | 4300 | 29900 |
| 6469 | 0.22 | 3 | 3 | 4300 | 29900 |
| 6338 | 0.22 | 2 | 3 | 4300 | 29900 |
| 5680 | 0.25 | 2 | 3 | 4300 | 29900 |
| 5615 | 0.25 | 3 | 3 | 4300 | 29900 |
| 5016 | 0.28 | 2 | 3 | 4300 | 29900 |
| 4961 | 0.28 | 3 | 3 | 4300 | 29900 |
| 4367 | 0.32 | 2 | 3 | 4300 | 29900 |
| 4333 | 0.32 | 3 | 3 | 4300 | 29900 |
| 3914 | 0.36 | 2 | 3 | 4300 | 29900 |
| 3906 | 0.36 | 3 | 2 | 4300 | 29900 |
| 3357 | 0.42 | 2 | 3 | 4300 | 29900 |
| 3352 | 0.42 | 3 | 2 | 4300 | 29900 |
| 3009 | 0.47 | 2 | 3 | 4300 | 29900 |
| 2907 | 0.48 | 3 | 2 | 4300 | 29900 |
| 2553 | 0.55 | 3 | 2 | 4300 | 29900 |
| 2448 | 0.57 | 2 | 3 | 4300 | 29900 |
| 2245 | 0.62 | 3 | 2 | 4300 | 29900 |
| 2199 | 0.64 | 2 | 3 | 4300 | 29900 |
| 1971 | 0.71 | 2 | 3 | 4300 | 29900 |
| 1970 | 0.71 | 3 | 2 | 4300 | 29900 |
| 1741 | 0.80 | 2 | 3 | 4300 | 29900 |
| 1722 | 0.81 | 3 | 2 | 4300 | 29900 |
| 1527 | 0.92 | 3 | 2 | 4300 | 29900 |
| 1468 | 0.95 | 2 | 3 | 4300 | 29900 |
| 1327 | 1.1 | 3 | 2 | 4300 | 29900 |
| 1316 | 1.1 | 2 | 3 | 4300 | 29900 |
| 1189 | 1.2 | 2 | 3 | 4300 | 29900 |
| 1171 | 1.2 | 3 | 2 | 4300 | 29900 |
| 1023 | 1.4 | 2 | 3 | 4300 | 29900 |
| 1022 | 1.4 | 3 | 2 | 4300 | 29900 |
| 898 | 1.6 | 3 | 2 | 4300 | 29900 |
| 892 | 1.6 | 2 | 2 | 4300 | 29900 |
| 784 | 1.8 | 3 | 2 | 4300 | 29900 |
| 760 | 1.8 | 2 | 2 | 4300 | 29900 |
| 690 | 2.0 | 3 | 2 | 4300 | 29900 |
| 667 | 2.1 | 2 | 2 | 4300 | 29900 |
| 605 | 2.3 | 3 | 2 | 4300 | 29900 |
| 569 | 2.5 | 2 | 2 | 4300 | 29900 |
| 529 | 2.6 | 3 | 2 | 4300 | 29900 |
| 510 | 2.7 | 2 | 2 | 4300 | 29900 |
| 473 | 3.0 | 2 | 2 | 4300 | 29900 |
| 467 | 3.0 | 3 | 2 | 4300 | 29900 |
| 406 | 3.4 | 3 | 2 | 4300 | 29900 |
| 403 | 3.5 | 2 | 2 | 4300 | 29900 |
| 363 | 3.9 | 3 | 2 | 4300 | 29900 |
| 361 | 3.9 | 2 | 2 | 4300 | 29900 |
| 317 | 4.4 | 2 | 2 | 4300 | 29900 |
| 285 | 4.9 | 3 | 2 | 4300 | 29900 |
| 275 | 5.1 | 2 | 2 | 4300 | 29900 |
| 245 | 5.7 | 3 | 2 | 4300 | 29900 |
| 242 | 5.8 | 2 | 2 | 4300 | 29900 |
| 208 | 6.7 | 3 | 2 | 4300 | 29900 |
| 195 | 7.2 | 3 | 2 | 4300 | 29900 |

F107R77 7840Nm

| i | $n_a$ [1/min] | Stage R107 | Stage R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 25375 | 0.06 | 3 | 3 | 7680 | 49800 |
| 21652 | 0.06 | 3 | 3 | 7680 | 49800 |
| 18933 | 0.07 | 3 | 3 | 7680 | 49800 |
| 16888 | 0.08 | 3 | 3 | 7680 | 49800 |
| 14767 | 0.09 | 3 | 3 | 7680 | 49800 |
| 11348 | 0.12 | 3 | 3 | 7680 | 49800 |
| 10039 | 0.14 | 3 | 3 | 7680 | 49800 |
| 8548 | 0.16 | 3 | 3 | 7680 | 49800 |
| 7674 | 0.18 | 3 | 3 | 7680 | 49800 |
| 6767 | 0.21 | 3 | 3 | 7680 | 49800 |
| 5954 | 0.24 | 3 | 3 | 7680 | 49800 |
| 5383 | 0.26 | 2 | 3 | 7840 | 49400 |
| 5223 | 0.27 | 3 | 3 | 7680 | 49800 |
| 4593 | 0.30 | 2 | 3 | 7840 | 49400 |
| 4567 | 0.31 | 3 | 3 | 7680 | 49800 |
| 4016 | 0.35 | 2 | 3 | 7840 | 49400 |
| 3948 | 0.35 | 3 | 3 | 7680 | 49800 |
| 3815 | 0.37 | 2 | 3 | 7840 | 49400 |
| 3521 | 0.40 | 3 | 3 | 7680 | 49800 |
| 3347 | 0.42 | 2 | 3 | 7840 | 49400 |
| 3037 | 0.46 | 3 | 2 | 7680 | 49800 |
| 2839 | 0.49 | 2 | 3 | 7840 | 49400 |
| 2756 | 0.51 | 3 | 2 | 7680 | 49800 |
| 2563 | 0.55 | 2 | 3 | 7840 | 49400 |
| 2369 | 0.59 | 3 | 2 | 7680 | 49800 |
| 2255 | 0.62 | 2 | 3 | 7840 | 49400 |
| 2129 | 0.66 | 2 | 3 | 7840 | 49400 |
| 2068 | 0.68 | 3 | 2 | 7840 | 49400 |
| 1826 | 0.77 | 3 | 2 | 7680 | 49800 |
| 1813 | 0.77 | 2 | 3 | 7840 | 49400 |
| 1597 | 0.88 | 3 | 2 | 7680 | 49800 |
| 1590 | 0.88 | 2 | 3 | 7840 | 49400 |
| 1436 | 0.97 | 2 | 3 | 7840 | 49400 |
| 1401 | 1.0 | 3 | 2 | 7680 | 49800 |
| 1263 | 1.1 | 2 | 3 | 7840 | 49400 |
| 1243 | 1.1 | 3 | 2 | 7680 | 49800 |
| 1193 | 1.2 | 2 | 3 | 7840 | 49400 |
| 1087 | 1.3 | 3 | 2 | 7680 | 49800 |
| 1015 | 1.4 | 2 | 3 | 7840 | 49400 |
| 950 | 1.5 | 3 | 2 | 7680 | 49800 |
| 923 | 1.5 | 2 | 3 | 7840 | 49400 |
| 834 | 1.7 | 3 | 2 | 7680 | 49800 |
| 800 | 1.8 | 2 | 3 | 7840 | 49400 |
| 736 | 1.9 | 3 | 2 | 7680 | 49800 |
| 696 | 2.0 | 2 | 3 | 7840 | 49400 |
| 644 | 2.2 | 2 | 2 | 7840 | 49400 |
| 640 | 2.2 | 3 | 2 | 7680 | 49800 |
| 591 | 2.4 | 2 | 2 | 7840 | 49400 |
| 560 | 2.5 | 3 | 2 | 7680 | 49800 |
| 518 | 2.7 | 2 | 2 | 7840 | 49400 |
| 491 | 2.9 | 2 | 2 | 7840 | 49400 |
| 489 | 2.9 | 3 | 2 | 7680 | 49800 |
| 436 | 3.2 | 3 | 2 | 7680 | 49800 |
| 430 | 3.3 | 2 | 2 | 7840 | 49400 |
| 387 | 3.6 | 2 | 2 | 7840 | 49400 |
| 370 | 3.8 | 3 | 2 | 7680 | 49800 |
| 340 | 4.1 | 2 | 2 | 7840 | 49400 |
| 333 | 4.2 | 3 | 2 | 7680 | 49800 |
| 300 | 4.7 | 2 | 2 | 7840 | 49400 |
| 291 | 4.8 | 3 | 2 | 7680 | 49800 |
| 266 | 5.3 | 2 | 2 | 7840 | 49400 |
| 255 | 5.5 | 3 | 2 | 7680 | 49800 |
| 225 | 6.2 | 3 | 2 | 7680 | 49800 |
| 190 | 7.4 | 3 | 2 | 7680 | 49800 |

## F 127R77, F 127/R87, F 157R97 $n_e$=1400 1/min

F127R77 12000Nm

| i | $n_a$ [1/min] | Stage R127 | Stage R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 24478 | 0.06 | 3 | 3 | 12000 | 90000 |
| 22323 | 0.06 | 3 | 3 | 12000 | 90000 |
| 19048 | 0.07 | 3 | 3 | 12000 | 90000 |
| 16656 | 0.08 | 3 | 3 | 12000 | 90000 |
| 14722 | 0.10 | 3 | 3 | 12000 | 90000 |
| 12912 | 0.11 | 3 | 3 | 12000 | 90000 |
| 11656 | 0.12 | 3 | 3 | 12000 | 90000 |
| 10191 | 0.14 | 3 | 3 | 12000 | 90000 |
| 8831 | 0.16 | 3 | 3 | 12000 | 90000 |
| 7643 | 0.18 | 3 | 3 | 12000 | 90000 |
| 6715 | 0.21 | 3 | 3 | 12000 | 90000 |
| 5925 | 0.24 | 3 | 3 | 12000 | 90000 |
| 5153 | 0.27 | 3 | 3 | 12000 | 90000 |
| 4533 | 0.31 | 3 | 3 | 12000 | 90000 |
| 3926 | 0.36 | 3 | 3 | 12000 | 90000 |
| 3454 | 0.41 | 3 | 3 | 12000 | 90000 |
| 3031 | 0.46 | 3 | 3 | 12000 | 90000 |
| 2672 | 0.52 | 3 | 2 | 12000 | 90000 |
| 2357 | 0.59 | 3 | 2 | 12000 | 90000 |
| 2038 | 0.69 | 3 | 2 | 12000 | 90000 |
| 1784 | 0.78 | 3 | 2 | 12000 | 90000 |
| 1606 | 0.87 | 3 | 2 | 12000 | 90000 |
| 1390 | 1.0 | 3 | 2 | 12000 | 90000 |
| 1220 | 1.1 | 3 | 2 | 12000 | 90000 |
| 1077 | 1.3 | 3 | 2 | 12000 | 90000 |
| 930 | 1.5 | 3 | 2 | 12000 | 90000 |
| 820 | 1.7 | 3 | 2 | 12000 | 90000 |
| 727 | 1.9 | 3 | 2 | 12000 | 90000 |
| 648 | 2.2 | 3 | 2 | 12000 | 90000 |
| 549 | 2.6 | 3 | 2 | 12000 | 90000 |
| 495 | 2.8 | 3 | 2 | 12000 | 90000 |
| 428 | 3.3 | 3 | 2 | 12000 | 90000 |
| 376 | 3.7 | 3 | 2 | 12000 | 90000 |

F127R87 12000Nm

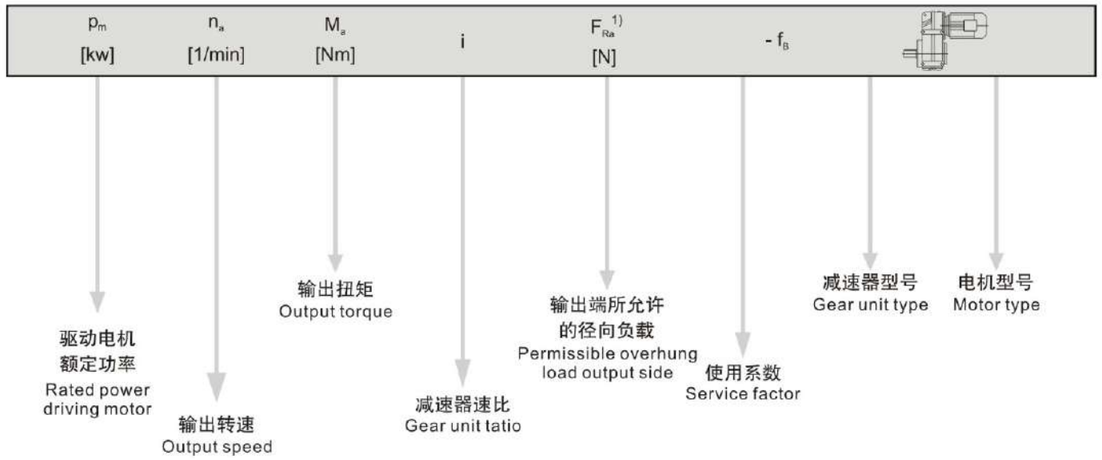
| i | $n_a$ [1/min] | Stage R127 | Stage R87 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 483 | 2.9 | 3 | 2 | 12000 | 90000 |
| 418 | 3.3 | 3 | 2 | 12000 | 90000 |
| 374 | 3.7 | 3 | 2 | 12000 | 90000 |
| 312 | 4.5 | 3 | 2 | 12000 | 90000 |
| 293 | 4.8 | 3 | 2 | 12000 | 90000 |
| 259 | 5.4 | 3 | 2 | 12000 | 90000 |
| 223 | 6.3 | 3 | 2 | 12000 | 90000 |
| 198 | 7.1 | 3 | 2 | 12000 | 90000 |
| 166 | 8.4 | 3 | 2 | 12000 | 90000 |

F157R97 18000Nm

| i | $n_a$ [1/min] | Stage R157 | Stage R97 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 31434 | 0.04 | 3 | 3 | 18000 | 100300 |
| 26173 | 0.05 | 3 | 3 | 18000 | 100300 |
| 23464 | 0.06 | 3 | 3 | 18000 | 100300 |
| 20212 | 0.07 | 3 | 3 | 18000 | 100300 |
| 17984 | 0.08 | 3 | 3 | 18000 | 100300 |
| 16358 | 0.09 | 3 | 3 | 18000 | 100300 |
| 13751 | 0.10 | 3 | 3 | 18000 | 100300 |
| 12235 | 0.11 | 3 | 3 | 18000 | 100300 |
| 10033 | 0.14 | 3 | 3 | 18000 | 100300 |
| 9021 | 0.16 | 3 | 3 | 18000 | 100300 |
| 8026 | 0.17 | 3 | 3 | 18000 | 100300 |
| 7075 | 0.20 | 3 | 3 | 18000 | 100300 |
| 6295 | 0.22 | 3 | 3 | 18000 | 100300 |
| 5404 | 0.26 | 3 | 3 | 18000 | 100300 |
| 4831 | 0.29 | 3 | 3 | 18000 | 100300 |
| 4130 | 0.34 | 3 | 3 | 18000 | 100300 |
| 3607 | 0.39 | 3 | 3 | 18000 | 100300 |
| 3210 | 0.44 | 3 | 3 | 18000 | 100300 |
| 2780 | 0.50 | 3 | 3 | 18000 | 100300 |
| 2427 | 0.58 | 3 | 2 | 18000 | 100300 |
| 2185 | 0.64 | 3 | 2 | 18000 | 100300 |
| 1944 | 0.72 | 3 | 2 | 18000 | 100300 |
| 1674 | 0.84 | 3 | 2 | 18000 | 100300 |
| 1441 | 0.97 | 3 | 2 | 18000 | 100300 |
| 1308 | 1.1 | 3 | 2 | 18000 | 100300 |
| 1169 | 1.2 | 3 | 2 | 18000 | 100300 |
| 953 | 1.5 | 3 | 2 | 18000 | 100300 |
| 845 | 1.7 | 3 | 2 | 18000 | 100300 |
| 764 | 1.8 | 3 | 2 | 18000 | 100300 |
| 680 | 2.1 | 3 | 2 | 18000 | 100300 |
| 576 | 2.4 | 3 | 2 | 18000 | 100300 |
| 503 | 2.8 | 3 | 2 | 18000 | 100300 |
| 446 | 3.1 | 3 | 2 | 18000 | 100300 |
| 353 | 4.0 | 3 | 2 | 18000 | 100300 |
| 302 | 4.6 | 3 | 2 | 18000 | 100300 |
| 273 | 5.1 | 3 | 2 | 18000 | 100300 |
| 232 | 6.0 | 3 | 2 | 18000 | 100300 |
| 202 | 6.9 | 3 | 2 | 18000 | 100300 |
| 197 | 7.1 | 3 | 2 | 18000 | 100300 |

## 6.4 选型表注释
## 6.4 Selection table

选型表的结构
Selection table geared motors




图例 Cuttine
※ 也可用于 EExe 电机。 ※ EEXE motor is optional.
1) 实心轴底脚安装减速机的径向负荷
1） Overhung load specified for foot – mounted gear unit with solid shaft

注意： Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 0.06 | 15000 | 22323 | 84600 | 0.80 | | |
| 0.07 | 12600 | 19048 | 89300 | 0.95 | FA | 127R77 D63S4 |
| 0.08 | 10800 | 16656 | 90000 | 1.10 | FAF | 127R77 D63S4 |
| 0.09 | 9870 | 14722 | 90000 | 1.20 | F | 127R77 D63S4 |
| 0.11 | 7980 | 12912 | 90000 | 1.50 | FF | 127R77 D63S4 |
| 0.12 | 7090 | 11656 | 90000 | 1.70 | | |
| 0.14 | 6300 | 10191 | 90000 | 1.90 | | |
| 0.09 | 9590 | 14767 | 44400 | 0.80 | | |
| 0.12 | 7610 | 11348 | 50000 | 1.00 | | |
| 0.14 | 5890 | 10039 | 54300 | 1.30 | | |
| 0.16 | 4880 | 8548 | 56600 | 1.55 | FA | 107R77 D63S4 |
| 0.18 | 4740 | 7674 | 56900 | 1.60 | FAF | 107R77 D63S4 |
| 0.20 | 4120 | 6767 | 58200 | 1.85 | F | 107R77 D63S4 |
| 0.23 | 3530 | 5954 | 59400 | 2.2 | FF | 107R77 D63S4 |
| 0.26 | 3070 | 5223 | 60300 | 2.5 | | |
| 0.30 | 2890 | 4567 | 60600 | 2.7 | | |
| 0.39 | 2140 | 3521 | 61900 | 3.6 | | |
| 0.19 | 4800 | 7328 | 23100 | 0.90 | FA | 97 R57 D63S4 |
| 0.21 | 4040 | 6469 | 30700 | 1.05 | FAF | 97 R57 D63S4 |
| 0.25 | 3680 | 5615 | 31600 | 1.15 | F | 97 R57 D63S4 |
| 0.28 | 3200 | 4961 | 32800 | 1.35 | FF | 97 R57 D63S4 |
| 0.32 | 2800 | 4333 | 33800 | 1.55 | | |
| 0.35 | 2550 | 3906 | 34300 | 1.70 | FA | 97 R57 D63S4 |
| 0.41 | 2210 | 3352 | 35000 | 1.95 | FAF | 97 R57 D63S4 |
| 0.47 | 1820 | 2907 | 35700 | 2.4 | F | 97 R57 D63S4 |
| 0.54 | 1670 | 2553 | 36000 | 2.6 | FF | 97 R57 D63S4 |
| 0.28 | 3250 | 4954 | 3640 | 0.90 | FA | 87 R57 D63S4 |
| 0.33 | 2690 | 4245 | 24100 | 1.10 | FAF | 87 R57 D63S4 |
| 0.37 | 2200 | 3721 | 25800 | 1.35 | F | 87 R57 D63S4 |
| | | | | | FF | 87 R57 D63S4 |
| 0.43 | 2140 | 3244 | 26000 | 1.40 | | |
| 0.48 | 1900 | 2881 | 26700 | 1.60 | | |
| 0.54 | 1700 | 2576 | 27300 | 1.75 | FA | 87 R57 D63S4 |
| 0.63 | 1440 | 2199 | 28000 | 2.1 | FAF | 87 R57 D63S4 |
| 0.72 | 1240 | 1930 | 28400 | 2.4 | F | 87 R57 D63S4 |
| 0.81 | 1120 | 1709 | 28700 | 2.7 | FF | 87 R57 D63S4 |
| 0.92 | 980 | 1493 | 29000 | 3.0 | | |
| 1.1 | 785 | 1300 | 29400 | 3.8 | | |
| 1.2 | 710 | 1148 | 29500 | 4.2 | | |
| 0.53 | 1750 | 2613 | 13800 | 0.85 | FA | 77 R37 D63S4 |
| 0.60 | 1520 | 2284 | 15600 | 1.00 | FAF | 77 R37 D63S4 |
| 0.68 | 1340 | 2029 | 16700 | 1.10 | F | 77 R37 D63S4 |
| | | | | | FF | 77 R37 D63S4 |
| 0.80 | 1130 | 1728 | 17800 | 1.35 | | |
| 0.89 | 1040 | 1544 | 18200 | 1.45 | | |
| 1.0 | 910 | 1354 | 18600 | 1.65 | FA | 77 R37 D63S4 |
| 1.1 | 810 | 1200 | 19000 | 1.85 | FAF | 77 R37 D63S4 |
| 1.3 | 710 | 1053 | 19200 | 2.1 | F | 77 R37 D63S4 |
| 1.5 | 605 | 910 | 19500 | 2.5 | FF | 77 R37 D63S4 |
| 1.7 | 510 | 810 | 19700 | 2.9 | | |
| 1.9 | 445 | 710 | 19800 | 3.4 | | |
| 0.97 | 920 | 1429 | 9270 | 0.90 | | |
| 1.1 | 830 | 1271 | 10200 | 1.00 | | |
| 1.2 | 700 | 1102 | 11300 | 1.15 | | |
| 1.4 | 615 | 970 | 11800 | 1.35 | FA | 67 R37 D63S4 |
| 1.6 | 540 | 858 | 12200 | 1.50 | FAF | 67 R37 D63S4 |
| 1.8 | 475 | 755 | 12500 | 1.75 | F | 67 R37 D63S4 |
| 2.2 | 405 | 641 | 12800 | 2.0 | FF | 67 R37 D63S4 |
| 2.4 | 375 | 572 | 12900 | 2.2 | | |
| 2.7 | 320 | 509 | 13000 | 2.6 | | |
| 3.2 | 275 | 437 | 13000 | 3.0 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 1.4 | 655 | 967 | 5860 | 0.90 | | |
| 1.6 | 585 | 851 | 9320 | 1.05 | FA | 57R37 D63S4 |
| 1.9 | 500 | 738 | 9920 | 1.20 | FAF | 57R37 D63S4 |
| 2.1 | 435 | 646 | 10400 | 1.40 | F | 57R37 D63S4 |
| 2.5 | 370 | 558 | 10700 | 1.60 | FF | 57R37 D63S4 |
| 2.7 | 330 | 506 | 11000 | 1.80 | | |
| 3.0 | 285 | 452 | 11200 | 2.1 | | |
| 3.2 | 295 | 426 | 11200 | 2.0 | | |
| 3.6 | 260 | 382 | 11300 | 2.3 | FA | 57R37 D63S4 |
| 4.2 | 225 | 330 | 11500 | 2.7 | FAF | 57R37 D63S4 |
| 4.6 | 200 | 298 | 11500 | 3.0 | F | 57R37 D63S4 |
| 5.3 | 177 | 262 | 11500 | 3.4 | FF | 57R37 D63S4 |
| 2.2 | 425 | 622 | 3390 | 0.95 | FA | 47R17 D63S4 |
| 2.5 | 370 | 543 | 6320 | 1.10 | FAF | 47R17 D63S4 |
| 2.9 | 320 | 475 | 6890 | 1.25 | F | 47R17 D63S4 |
| 3.3 | 280 | 419 | 7250 | 1.45 | FF | 47R17 D63S4 |
| 2.6 | 365 | 524 | 6390 | 1.10 | | |
| 2.8 | 340 | 489 | 6690 | 1.20 | FA | 47R17 D63S4 |
| 3.2 | 290 | 427 | 7130 | 1.35 | FAF | 47R17 D63S4 |
| 3.6 | 260 | 381 | 7400 | 1.55 | F | 47R17 D63S4 |
| 4.1 | 225 | 334 | 7610 | 1.75 | FF | 47R17 D63S4 |
| 4.7 | 198 | 295 | 7780 | 2.0 | | |
| 5.4 | 166 | 253 | 7940 | 2.4 | | |
| 4.3 | 210 | 322 | 4130 | 0.95 | FA | 37R17 D63S4 |
| 5.0 | 184 | 278 | 4510 | 1.10 | FAF | 37R17 D63S4 |
| 5.7 | 157 | 242 | 4810 | 1.30 | F | 37R17 D63S4 |
| 6.2 | 149 | 221 | 4890 | 1.35 | FF | 37R17 D63S4 |
| 4.2 | 225 | 326 | 3890 | 0.90 | | |
| 4.8 | 195 | 285 | 4370 | 1.05 | FA | 37R17 D63S4 |
| 5.5 | 170 | 250 | 4670 | 1.20 | FAF | 37R17 D63S4 |
| 6.3 | 150 | 219 | 4880 | 1.35 | F | 37R17 D63S4 |
| 7.4 | 127 | 186 | 5080 | 1.60 | FF | 37R17 D63S4 |
| 8.3 | 114 | 167 | 5170 | 1.75 | | |
| 3.9 | 290 | 228.99 | 13000 | 2.8 | | |
| 4.6 | 250 | 195.39 | 13000 | 3.3 | FA | 67 D63M6 |
| 5.3 | 220 | 170.85 | 13000 | 3.8 | FAF | 67 D63M6 |
| 5.6 | 205 | 162.31 | 13000 | 4.0 | F | 67 D63M6 |
| 6.3 | 181 | 142.40 | 13000 | 4.5 | FF | 67 D63M6 |
| 4.5 | 255 | 199.70 | 11400 | 2.4 | | |
| 4.9 | 235 | 183.60 | 11500 | 2.6 | FA | 57 D63M6 |
| 5.7 | 200 | 157.09 | 11500 | 3.0 | FAF | 57 D63M6 |
| 6.6 | 173 | 136.16 | 11500 | 3.5 | F | 57 D63M6 |
| 7.1 | 162 | 127.27 | 11500 | 3.7 | FF | 57 D63M6 |
| 6.9 | 166 | 199.70 | 11500 | 3.6 | FA | 57 D63S4 |
| 7.5 | 153 | 183.60 | 11500 | 3.9 | FAF | 57 D63S4 |
| 8.8 | 130 | 157.09 | 11500 | 4.6 | F | 57 D63S4 |
| 10 | 113 | 136.16 | 11500 | 5.3 | FF | 57 D63S4 |
| 4.7 | 245 | 190.76 | 7510 | 1.65 | | |
| 5.1 | 225 | 175.38 | 7640 | 1.80 | | |
| 6.0 | 191 | 150.06 | 7820 | 2.1 | FA | 47 D63M6 |
| 6.9 | 166 | 130.07 | 7940 | 2.4 | FAF | 47 D63M6 |
| 7.4 | 155 | 121.57 | 7990 | 2.6 | F | 47 D63M6 |
| 8.6 | 134 | 105.09 | 8070 | 3.0 | FF | 47 D63M6 |
| 10 | 114 | 89.29 | 8130 | 3.5 | | |
| 11 | 102 | 79.72 | 8160 | 3.9 | | |
| 7.2 | 158 | 190.76 | 7970 | 2.5 | FA | 47 D63S4 |
| 7.9 | 146 | 175.38 | 8020 | 2.8 | FAF | 47 D63S4 |
| 9.2 | 125 | 150.06 | 8100 | 3.2 | F | 47 D63S4 |
| 11 | 108 | 130.07 | 8150 | 3.7 | FF | 47 D63S4 |
| 7.0 | 164 | 128.51 | 4740 | 1.20 | FA | 37 D63M6 |
| 7.6 | 150 | 117.88 | 4880 | 1.35 | FAF | 37 D63M6 |
| 9.0 | 128 | 100.36 | 5070 | 1.55 | F | 37 D63M6 |
| 10 | 110 | 86.53 | 5190 | 1.80 | FF | 37 D63M6 |
| 11 | 103 | 80.65 | 5240 | 1.95 | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.12kW** | | | | | | |
| 11 | 107 | 128.51 | 5220 | 1.85 | | |
| 12 | 98 | 117.88 | 5270 | 2.0 | | |
| 14 | 83 | 100.36 | 5340 | 2.4 | | |
| 16 | 72 | 86.53 | 5400 | 2.8 | | |
| 17 | 67 | 80.65 | 5410 | 3.0 | | |
| 20 | 59 | 70.50 | 5440 | 3.4 | | |
| 21 | 55 | 66.09 | 5460 | 3.6 | FA | 37 D63S4 |
| 24 | 48 | 58.32 | 5470 | 4.1 | FAF | 37 D63S4 |
| 25 | 45 | 54.54 | 5480 | 4.4 | F | 37 D63S4 |
| 27 | 43 | 51.70 | 5490 | 4.7 | FF | 37 D63S4 |
| 29 | 39 | 47.02 | 5500 | 5.1 | | |
| 31 | 36 | 43.83 | 5500 | 5.5 | | |
| 36 | 32 | 38.31 | 5510 | 6.3 | | |
| 38 | 30 | 35.91 | 5520 | 6.7 | | |
| 44 | 26 | 31.69 | 5520 | 7.6 | | |
| 49 | 23 | 28.09 | 5520 | 8.6 | | |
| 58 | 20 | 23.88 | 5270 | 10 | | |
| 58 | 20 | 23.63 | 5250 | 10 | | |
| 67 | 17 | 20.57 | 5030 | 12 | | |
| 72 | 16 | 19.27 | 4930 | 13 | | |
| 81 | 14 | 17.03 | 4740 | 14 | | |
| 87 | 13 | 15.81 | 4630 | 15 | | |
| 96 | 12 | 14.33 | 4490 | 17 | | |
| 107 | 11 | 12.87 | 4330 | 19 | FA | 37 D63S4 |
| 125 | 9.2 | 11.08 | 4130 | 21 | FAF | 37 D63S4 |
| 132 | 8.7 | 10.42 | 4050 | 21 | F | 37 D63S4 |
| 154 | 7.4 | 8.97 | 3860 | 24 | FF | 37 D63S4 |
| 186 | 6.2 | 7.44 | 3630 | 23 | | |
| 205 | 5.6 | 6.74 | 3510 | 25 | | |
| 228 | 5.0 | 6.05 | 3390 | 27 | | |
| 265 | 4.3 | 5.21 | 3230 | 29 | | |
| 282 | 4.1 | 4.90 | 3170 | 29 | | |
| 327 | 3.5 | 4.22 | 3020 | 31 | | |
| **0.18kW** | | | | | | |
| 0.10 | 13500 | 12912 | 87500 | 0.90 | | |
| 0.11 | 12100 | 11656 | 90000 | 1.00 | FA | 127R77 D63M4 |
| 0.13 | 10700 | 10191 | 90000 | 1.10 | FAF | 127R77 D63M4 |
| 0.15 | 8980 | 8831 | 90000 | 1.35 | F | 127R77 D63M4 |
| 0.17 | 7770 | 7643 | 90000 | 1.55 | FF | 127R77 D63M4 |
| 0.20 | 7150 | 6715 | 90000 | 1.70 | | |
| 0.15 | 8560 | 8548 | 47400 | 0.90 | | |
| 0.17 | 8050 | 7674 | 48800 | 0.95 | FA | 107R77 D63M4 |
| 0.20 | 7030 | 6767 | 51500 | 1.10 | FAF | 107R77 D63M4 |
| 0.22 | 6090 | 5954 | 53800 | 1.25 | F | 107R77 D63M4 |
| 0.25 | 5310 | 5223 | 55600 | 1.45 | FF | 107R77 D63M4 |
| 0.29 | 4860 | 4567 | 56600 | 1.60 | | |
| 0.37 | 3660 | 3521 | 59100 | 2.1 | | |
| 0.43 | 3170 | 3037 | 60100 | 2.4 | FA | 107R77 D63M4 |
| 0.48 | 2880 | 2756 | 60600 | 2.7 | FAF | 107R77 D63M4 |
| 0.56 | 2470 | 2369 | 61400 | 3.1 | F | 107R77 D63M4 |
| 0.64 | 2160 | 2068 | 61900 | 3.6 | FF | 107R77 D63M4 |
| 0.30 | 4660 | 4333 | 27900 | 0.90 | FA | 97 R57 D63M4 |
| | | | | | FAF | 97 R57 D63M4 |
| | | | | | F | 97 R57 D63M4 |
| | | | | | FF | 97 R57 D63M4 |
| 0.34 | 4260 | 3906 | 30000 | 1.00 | | |
| 0.39 | 3670 | 3352 | 31600 | 1.15 | | |
| 0.45 | 3100 | 2907 | 33100 | 1.40 | | |
| 0.52 | 2790 | 2553 | 33800 | 1.55 | FA | 97 R57 D63M4 |
| 0.59 | 2450 | 2245 | 34500 | 1.75 | FAF | 97 R57 D63M4 |
| 0.67 | 2130 | 1970 | 35200 | 2.0 | F | 97 R57 D63M4 |
| 0.77 | 1890 | 1722 | 35600 | 2.3 | FF | 97 R57 D63M4 |
| 0.86 | 1670 | 1527 | 36000 | 2.6 | | |
| 0.99 | 1380 | 1327 | 36500 | 3.1 | | |
| 1.1 | 1280 | 1171 | 36600 | 3.3 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | |
| 0.46 | 3160 | 2881 | 12300 | 0.95 | | |
| 0.51 | 2820 | 2576 | 23600 | 1.05 | | |
| 0.60 | 2400 | 2199 | 25200 | 1.25 | | |
| 0.68 | 2080 | 1930 | 26200 | 1.45 | FA | 87 R57 D63M4 |
| 0.77 | 1860 | 1709 | 26800 | 1.60 | FAF | 87 R57 D63M4 |
| 0.88 | 1640 | 1493 | 27500 | 1.85 | F | 87 R57 D63M4 |
| 1.0 | 1350 | 1300 | 28200 | 2.2 | FF | 87 R57 D63M4 |
| 1.1 | 1210 | 1148 | 28500 | 2.5 | | |
| 1.3 | 1050 | 1010 | 28900 | 2.9 | | |
| 1.5 | 940 | 887 | 29100 | 3.2 | | |
| 1.7 | 810 | 780 | 29400 | 3.7 | | |
| 0.76 | 1880 | 1728 | 7810 | 0.80 | | |
| 0.86 | 1710 | 1544 | 14100 | 0.90 | | |
| 0.98 | 1500 | 1354 | 15700 | 1.00 | FA | 77 R37 D63M4 |
| 1.1 | 1330 | 1200 | 16800 | 1.15 | FAF | 77 R37 D63M4 |
| 1.2 | 1170 | 1053 | 17600 | 1.30 | F | 77 R37 D63M4 |
| 1.5 | 1000 | 910 | 18300 | 1.50 | FF | 77 R37 D63M4 |
| 1.6 | 860 | 810 | 18800 | 1.75 | | |
| 1.9 | 755 | 710 | 19100 | 2.0 | | |
| 2.2 | 670 | 615 | 19300 | 2.2 | | |
| 1.5 | 910 | 858 | 9370 | 0.90 | | |
| 1.8 | 800 | 755 | 10400 | 1.00 | FA | 67 R37 D63M4 |
| 2.1 | 685 | 641 | 11400 | 1.20 | FAF | 67 R37 D63M4 |
| 2.3 | 625 | 572 | 11800 | 1.30 | F | 67 R37 D63M4 |
| 2.6 | 540 | 509 | 12200 | 1.50 | FF | 67 R37 D63M4 |
| 3.0 | 470 | 437 | 12600 | 1.75 | | |
| 3.4 | 420 | 384 | 12700 | 1.95 | | |
| 2.6 | 560 | 500 | 12100 | 1.45 | | |
| 2.9 | 510 | 454 | 12400 | 1.60 | | |
| 3.4 | 440 | 392 | 12700 | 1.85 | FA | 67 R37 D63M4 |
| 4.0 | 370 | 333 | 12900 | 2.2 | FAF | 67 R37 D63M4 |
| 4.4 | 325 | 297 | 13000 | 2.5 | F | 67 R37 D63M4 |
| 5.1 | 285 | 261 | 13000 | 2.9 | FF | 67 R37 D63M4 |
| 5.6 | 260 | 238 | 13000 | 3.2 | | |
| 6.6 | 215 | 200 | 13000 | 3.8 | | |
| 2.4 | 615 | 558 | 9080 | 1.00 | | |
| 2.6 | 550 | 506 | 9560 | 1.10 | FA | 57 R37 D63M4 |
| 2.9 | 485 | 452 | 10000 | 1.25 | FAF | 57 R37 D63M4 |
| 3.4 | 415 | 386 | 10500 | 1.45 | F | 57 R37 D63M4 |
| 3.9 | 360 | 338 | 10800 | 1.65 | FF | 57 R37 D63M4 |
| 3.1 | 485 | 426 | 10000 | 1.25 | | |
| 3.5 | 430 | 382 | 10400 | 1.40 | | |
| 4.0 | 370 | 330 | 10700 | 1.60 | FA | 57 R37 D63M4 |
| 4.4 | 335 | 298 | 11000 | 1.80 | FAF | 57 R37 D63M4 |
| 5.0 | 295 | 262 | 11200 | 2.0 | F | 57 R37 D63M4 |
| 5.8 | 250 | 226 | 11400 | 2.4 | FF | 57 R37 D63M4 |
| 6.6 | 215 | 200 | 11500 | 2.8 | | |
| 3.6 | 400 | 370 | 5920 | 1.00 | FA | 47 R17 D63M4 |
| 4.1 | 365 | 324 | 6410 | 1.10 | FAF | 47 R17 D63M4 |
| 4.6 | 315 | 288 | 6910 | 1.25 | F | 47 R17 D63M4 |
| 5.3 | 270 | 249 | 7310 | 1.50 | FF | 47 R17 D63M4 |
| 4.0 | 375 | 334 | 6260 | 1.05 | | |
| 4.5 | 330 | 295 | 6780 | 1.20 | FA | 47 R17 D63M4 |
| 5.2 | 280 | 253 | 7250 | 1.45 | FAF | 47 R17 D63M4 |
| 6.1 | 245 | 217 | 7490 | 1.60 | F | 47 R17 D63M4 |
| 7.0 | 215 | 190 | 7690 | 1.85 | FF | 47 R17 D63M4 |
| 7.4 | 200 | 178 | 7770 | 2.0 | | |
| 7.1 | 210 | 186 | 4160 | 0.95 | FA | 37 R17 D63M4 |
| 7.9 | 188 | 167 | 4460 | 1.05 | FAF | 37 R17 D63M4 |
| 9.1 | 166 | 145 | 4720 | 1.20 | F | 37 R17 D63M4 |
| 10 | 146 | 129 | 4910 | 1.35 | FF | 37 R17 D63M4 |
| 3.1 | 555 | 281.71 | 19600 | 2.7 | FA | 77 D63L6 |
| 3.3 | 520 | 262.93 | 19700 | 2.9 | FAF | 77 D63L6 |
| 3.8 | 445 | 225.79 | 19800 | 3.4 | F | 77 D63L6 |
| | | | | | FF | 77 D63L6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.18kW** | | | | | |
| 3.8 | 450 | 228.99 | 12600 | 1.80 | FA **67 D63L6** |
| 4.4 | 385 | 195.39 | 12900 | 2.1 | FAF **67 D63L6** |
| 5.1 | 340 | 170.85 | 13000 | 2.4 | F **67 D63L6** |
| | | | | | FF **67 D63L6** |
| 5.8 | 300 | 228.99 | 13000 | 2.8 | FA **67 D63M4** |
| 6.8 | 255 | 195.39 | 13000 | 3.2 | FAF **67 D63M4** |
| 7.7 | 225 | 170.85 | 13000 | 3.7 | F **67 D63M4** |
| | | | | | FF **67 D63M4** |
| 4.4 | 395 | 199.70 | 10600 | 1.50 | |
| 4.7 | 365 | 183.60 | 10800 | 1.65 | FA **57 D63L6** |
| 5.5 | 310 | 157.09 | 11100 | 1.95 | FAF **57 D63L6** |
| 6.4 | 270 | 136.16 | 11300 | 2.2 | F **57 D63L6** |
| 6.8 | 250 | 127.27 | 11400 | 2.4 | FF **57 D63L6** |
| 7.9 | 215 | 110.01 | 11500 | 2.8 | |
| 6.6 | 260 | 199.70 | 11300 | 2.3 | FA **57 D63M4** |
| 7.2 | 240 | 183.60 | 11500 | 2.5 | FAF **57 D63M4** |
| 8.4 | 205 | 157.09 | 11500 | 2.9 | F **57 D63M4** |
| 9.7 | 177 | 136.16 | 11500 | 3.4 | FF **57 D63M4** |
| 10 | 166 | 127.27 | 11500 | 3.6 | |
| 4.6 | 375 | 190.76 | 6240 | 1.05 | FA **47 D63L6** |
| 5.0 | 345 | 175.38 | 6600 | 1.15 | FAF **47 D63L6** |
| 5.8 | 295 | 150.06 | 7090 | 1.35 | F **47 D63L6** |
| 6.7 | 255 | 130.07 | 7410 | 1.55 | FF **47 D63L6** |
| 7.2 | 240 | 121.57 | 7530 | 1.65 | |
| 6.9 | 250 | 190.76 | 7470 | 1.60 | FA **47 D63M4** |
| 7.5 | 230 | 175.38 | 7610 | 1.75 | FAF **47 D63M4** |
| 8.8 | 195 | 150.06 | 7800 | 2.0 | F **47 D63M4** |
| 10 | 169 | 130.07 | 7920 | 2.4 | FF **47 D63M4** |
| 11 | 158 | 121.57 | 7970 | 2.5 | |
| 7.4 | 235 | 117.88 | 3750 | 0.85 | |
| 8.7 | 198 | 100.36 | 4320 | 1.00 | FA **37 D63L6** |
| 10 | 171 | 86.53 | 4660 | 1.15 | FAF **37 D63L6** |
| 11 | 159 | 80.65 | 4790 | 1.25 | F **37 D63L6** |
| 12 | 139 | 70.50 | 4970 | 1.45 | FF **37 D63L6** |
| 10 | 167 | 128.51 | 4700 | 1.20 | |
| 11 | 154 | 117.88 | 4850 | 1.30 | |
| 13 | 131 | 100.36 | 5050 | 1.55 | |
| 15 | 113 | 86.53 | 5180 | 1.75 | |
| 16 | 105 | 80.65 | 5230 | 1.90 | |
| 19 | 92 | 70.50 | 5300 | 2.2 | |
| 20 | 86 | 66.09 | 5330 | 2.3 | FA **37 D63M4** |
| 23 | 76 | 58.32 | 5380 | 2.6 | FAF **37 D63M4** |
| 24 | 71 | 54.54 | 5400 | 2.8 | F **37 D63M4** |
| 26 | 67 | 51.70 | 5410 | 3.0 | FF **37 D63M4** |
| 28 | 61 | 47.02 | 5440 | 3.3 | |
| 30 | 57 | 43.83 | 5450 | 3.5 | |
| 34 | 50 | 38.31 | 5470 | 4.0 | |
| 37 | 47 | 35.91 | 5480 | 4.3 | |
| 42 | 41 | 31.69 | 5490 | 4.8 | |
| 47 | 37 | 28.09 | 5500 | 5.5 | |
| 55 | 31 | 23.88 | 5260 | 6.4 | |
| 56 | 31 | 23.63 | 5240 | 6.5 | |
| 64 | 27 | 20.57 | 5030 | 7.5 | |
| 69 | 25 | 19.27 | 4930 | 8.0 | |
| 78 | 22 | 17.03 | 4740 | 9.0 | |
| 83 | 21 | 15.81 | 4640 | 9.7 | |
| 92 | 19 | 14.33 | 4500 | 11 | |
| 103 | 17 | 12.87 | 4350 | 12 | FA **37 D63M4** |
| 119 | 14 | 11.08 | 4150 | 13 | FAF **37 D63M4** |
| 127 | 14 | 10.42 | 4070 | 14 | F **37 D63M4** |
| 147 | 12 | 8.97 | 3880 | 15 | FF **37 D63M4** |
| 178 | 9.7 | 7.44 | 3650 | 15 | |
| 196 | 8.8 | 6.74 | 3540 | 16 | |
| 218 | 7.9 | 6.05 | 3420 | 17 | |
| 253 | 6.8 | 5.21 | 3260 | 18 | |
| 269 | 6.4 | 4.90 | 3190 | 19 | |
| 313 | 5.5 | 4.22 | 3040 | 20 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.25kW** | | | | | |
| 0.15 | 13300 | 8831 | 88000 | 0.90 | |
| 0.17 | 11500 | 7643 | 90000 | 1.05 | FA **127 R77 D63L4** |
| 0.19 | 10400 | 6715 | 90000 | 1.15 | FAF **127 R77 D63L4** |
| 0.22 | 9190 | 5925 | 90000 | 1.30 | F **127 R77 D63L4** |
| 0.25 | 7860 | 5153 | 90000 | 1.55 | FF **127 R77 D63L4** |
| 0.29 | 6850 | 4533 | 90000 | 1.75 | |
| 0.22 | 9000 | 5954 | 46200 | 0.85 | FA **107 R77 D63L4** |
| 0.25 | 7860 | 5223 | 49300 | 1.00 | FAF **107 R77 D63L4** |
| 0.28 | 7090 | 4567 | 51400 | 1.10 | F **107 R77 D63L4** |
| 0.37 | 5370 | 3521 | 55500 | 1.45 | FF **107 R77 D63L4** |
| 0.43 | 4680 | 3037 | 57000 | 1.65 | |
| 0.47 | 4240 | 2756 | 57900 | 1.80 | FA **107 R77 D63L4** |
| 0.55 | 3650 | 2369 | 59100 | 2.1 | FAF **107 R77 D63L4** |
| 0.63 | 3180 | 2068 | 60000 | 2.4 | F **107 R77 D63L4** |
| 0.81 | 2440 | 1597 | 61400 | 3.2 | FF **107 R77 D63L4** |
| 0.93 | 2110 | 1401 | 62000 | 3.6 | |
| 0.45 | 4530 | 2907 | 29200 | 0.95 | |
| 0.51 | 4050 | 2553 | 30600 | 1.05 | |
| 0.58 | 3560 | 2245 | 31900 | 1.20 | FA **97 R57 D63L4** |
| 0.66 | 3100 | 1970 | 33100 | 1.40 | FAF **97 R57 D63L4** |
| 0.75 | 2740 | 1722 | 33900 | 1.55 | F **97 R57 D63L4** |
| 0.85 | 2430 | 1527 | 34600 | 1.75 | FF **97 R57 D63L4** |
| 0.98 | 2040 | 1327 | 35300 | 2.1 | |
| 1.1 | 1860 | 1171 | 35600 | 2.3 | |
| 1.3 | 1630 | 1022 | 36100 | 2.6 | |
| 0.67 | 3040 | 1930 | 18200 | 1.00 | |
| 0.76 | 2710 | 1709 | 24000 | 1.10 | |
| 0.87 | 2380 | 1493 | 25200 | 1.25 | FA **87 R57 D63L4** |
| 1.0 | 1990 | 1300 | 26500 | 1.50 | FAF **87 R57 D63L4** |
| 1.1 | 1780 | 1148 | 27100 | 1.70 | F **87 R57 D63L4** |
| 1.3 | 1550 | 1010 | 27700 | 1.95 | FF **87 R57 D63L4** |
| 1.5 | 1370 | 887 | 28100 | 2.2 | |
| 1.7 | 1200 | 780 | 28500 | 2.5 | |
| 1.9 | 1020 | 674 | 28900 | 2.9 | |
| 1.2 | 1690 | 1053 | 14300 | 0.90 | |
| 1.4 | 1450 | 910 | 16000 | 1.05 | |
| 1.6 | 1260 | 810 | 17100 | 1.20 | FA **77 R37 D63L4** |
| 1.8 | 1110 | 710 | 17900 | 1.35 | FAF **77 R37 D63L4** |
| 2.1 | 970 | 615 | 18400 | 1.55 | F **77 R37 D63L4** |
| 2.4 | 850 | 538 | 18800 | 1.75 | FF **77 R37 D63L4** |
| 2.7 | 760 | 480 | 19100 | 2.0 | |
| 3.2 | 645 | 413 | 19400 | 2.3 | |
| 2.0 | 1000 | 641 | 2370 | 0.80 | FA **67 R37 D63L4** |
| 2.3 | 910 | 572 | 9440 | 0.90 | FAF **67 R37 D63L4** |
| 2.6 | 795 | 509 | 10500 | 1.05 | F **67 R37 D63L4** |
| 3.0 | 685 | 437 | 11400 | 1.20 | FF **67 R37 D63L4** |
| 2.6 | 810 | 500 | 10400 | 1.00 | |
| 2.9 | 740 | 454 | 11000 | 1.10 | |
| 3.3 | 635 | 392 | 11700 | 1.30 | FA **67 R37 D63L4** |
| 3.9 | 535 | 333 | 12200 | 1.55 | FAF **67 R37 D63L4** |
| 4.4 | 475 | 297 | 12500 | 1.70 | F **67 R37 D63L4** |
| 5.0 | 420 | 261 | 12700 | 1.95 | FF **67 R37 D63L4** |
| 5.5 | 375 | 238 | 12900 | 2.2 | |
| 3.4 | 605 | 386 | 9170 | 1.00 | FA **57 R37 D63L4** |
| 3.8 | 525 | 338 | 9740 | 1.15 | FAF **57 R37 D63L4** |
| 5.1 | 400 | 255 | 10600 | 1.50 | F **57 R37 D63L4** |
| | | | | | FF **57 R37 D63L4** |
| 3.4 | 625 | 382 | 8710 | 0.95 | |
| 3.9 | 535 | 330 | 9680 | 1.10 | |
| 4.4 | 485 | 298 | 10000 | 1.25 | FA **57 R37 D63L4** |
| 5.0 | 425 | 262 | 10400 | 1.40 | FAF **57 R37 D63L4** |
| 5.8 | 360 | 226 | 10800 | 1.65 | F **57 R37 D63L4** |
| 6.5 | 320 | 200 | 11000 | 1.90 | FF **57 R37 D63L4** |
| 7.7 | 270 | 170 | 11300 | 2.2 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.25kW** | | | | | |
| 5.2 | 395 | 249 | 6020 | 1.00 | FA **47 R17 D63L4** |
| 6.0 | 350 | 218 | 6580 | 1.15 | FAF **47 R17 D63L4** |
| 6.7 | 305 | 193 | 7000 | 1.30 | F **47 R17 D63L4** |
| 7.4 | 280 | 175 | 7250 | 1.45 | FF **47 R17 D63L4** |
| 5.1 | 405 | 253 | 5850 | 1.00 | |
| 6.0 | 355 | 217 | 6490 | 1.10 | FA **47 R17 D63L4** |
| 6.8 | 310 | 190 | 6970 | 1.30 | FAF **47 R17 D63L4** |
| 7.3 | 290 | 178 | 7150 | 1.40 | F **47 R17 D63L4** |
| 8.7 | 240 | 149 | 7520 | 1.65 | FF **47 R17 D63L4** |
| 9.9 | 210 | 131 | 7710 | 1.90 | |
| 8.9 | 240 | 145 | 3640 | 0.85 | FA **37 R17 D63L4** |
| 10 | 210 | 129 | 4130 | 0.95 | FAF **37 R17 D63L4** |
| 11 | 193 | 118 | 4390 | 1.05 | F **37 R17 D63L4** |
| 13 | 160 | 98 | 4780 | 1.25 | FF **37 R17 D63L4** |
| 15 | 140 | 87 | 4970 | 1.45 | |
| 3.1 | 765 | 281.71 | 19100 | 1.95 | FA **77 D71D6** |
| 3.3 | 715 | 262.93 | 19200 | 2.1 | FAF **77 D71D6** |
| 3.9 | 615 | 225.79 | 19500 | 2.5 | F **77 D71D6** |
| 4.4 | 540 | 198.31 | 19600 | 2.8 | FF **77 D71D6** |
| 4.7 | 510 | 188.40 | 19700 | 2.9 | |
| 3.8 | 620 | 228.99 | 11800 | 1.30 | FA **67 D71D6** |
| 4.5 | 530 | 195.39 | 12300 | 1.55 | FAF **67 D71D6** |
| 5.2 | 465 | 170.85 | 12600 | 1.75 | F **67 D71D6** |
| 5.4 | 440 | 162.31 | 12700 | 1.85 | FF **67 D71D6** |
| 6.2 | 385 | 142.40 | 12900 | 2.1 | |
| 5.7 | 420 | 228.99 | 12700 | 1.95 | FA **67 D63L4** |
| 6.7 | 360 | 195.39 | 13000 | 2.3 | FAF **67 D63L4** |
| 7.6 | 315 | 170.85 | 13000 | 2.6 | F **67 D63L4** |
| 8.0 | 300 | 162.31 | 13000 | 2.8 | FF **67 D63L4** |
| 9.1 | 260 | 142.40 | 13000 | 3.1 | |
| 4.4 | 540 | 199.70 | 9630 | 1.10 | |
| 4.8 | 500 | 183.60 | 9940 | 1.20 | FA **57 D71D6** |
| 5.6 | 425 | 157.09 | 10400 | 1.40 | FAF **57 D71D6** |
| 6.5 | 370 | 136.16 | 10800 | 1.60 | F **57 D71D6** |
| 6.9 | 345 | 127.27 | 10900 | 1.75 | FF **57 D71D6** |
| 8.0 | 300 | 110.01 | 11100 | 2.0 | |
| 6.5 | 365 | 199.70 | 10800 | 1.65 | |
| 7.1 | 335 | 183.60 | 10900 | 1.80 | FA **57 D63L4** |
| 8.3 | 290 | 157.09 | 11200 | 2.1 | FAF **57 D63L4** |
| 9.6 | 250 | 136.16 | 11400 | 2.4 | F **57 D63L4** |
| 10 | 235 | 127.27 | 11500 | 2.6 | FF **57 D63L4** |
| 12 | 200 | 110.01 | 11500 | 3.0 | |
| 5.9 | 405 | 150.06 | 5750 | 1.00 | FA **47 D71D6** |
| 6.8 | 355 | 130.07 | 6530 | 1.15 | FAF **47 D71D6** |
| 7.2 | 330 | 121.57 | 6770 | 1.20 | F **47 D71D6** |
| 8.4 | 285 | 105.09 | 7190 | 1.40 | FF **47 D71D6** |
| 6.8 | 350 | 190.76 | 6550 | 1.15 | |
| 7.4 | 320 | 175.38 | 6850 | 1.25 | FA **47 D63L4** |
| 8.7 | 275 | 150.06 | 7270 | 1.45 | FAF **47 D63L4** |
| 10 | 240 | 130.07 | 7540 | 1.65 | F **47 D63L4** |
| 11 | 225 | 121.57 | 7640 | 1.80 | FF **47 D63L4** |
| 12 | 193 | 105.09 | 7810 | 2.1 | |
| 15 | 164 | 89.29 | 7950 | 2.4 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.25kW** | | | | | |
| 10 | 235 | 128.51 | 3690 | 0.85 | |
| 11 | 215 | 117.88 | 4040 | 0.90 | |
| 13 | 184 | 100.36 | 4500 | 1.10 | |
| 15 | 159 | 86.53 | 4790 | 1.25 | |
| 16 | 148 | 80.65 | 4900 | 1.35 | |
| 18 | 130 | 70.50 | 5060 | 1.55 | |
| 20 | 121 | 66.09 | 5120 | 1.65 | FA **37 D63L4** |
| 22 | 107 | 58.32 | 5210 | 1.85 | FAF **37 D63L4** |
| 24 | 100 | 54.54 | 5260 | 2.0 | F **37 D63L4** |
| 25 | 95 | 51.70 | 5280 | 2.1 | FF **37 D63L4** |
| 28 | 86 | 47.02 | 5330 | 2.3 | |
| 30 | 81 | 43.83 | 5360 | 2.5 | |
| 34 | 70 | 38.31 | 5400 | 2.8 | |
| 36 | 66 | 35.91 | 5420 | 3.0 | |
| 41 | 58 | 31.69 | 5450 | 3.4 | |
| 46 | 52 | 28.09 | 5430 | 3.9 | |
| 54 | 44 | 23.88 | 5180 | 4.6 | |
| 55 | 43 | 23.63 | 5170 | 4.6 | |
| 63 | 38 | 20.57 | 4960 | 5.3 | |
| 67 | 35 | 19.27 | 4870 | 5.7 | |
| 76 | 31 | 17.03 | 4690 | 6.4 | |
| 82 | 29 | 15.81 | 4590 | 6.9 | |
| 91 | 26 | 14.33 | 4460 | 7.6 | FA **37 D63L4** |
| 101 | 24 | 12.87 | 4320 | 8.5 | FAF **37 D63L4** |
| 117 | 20 | 11.08 | 4120 | 9.3 | F **37 D63L4** |
| 125 | 19 | 10.42 | 4050 | 9.7 | FF **37 D63L4** |
| 145 | 17 | 8.97 | 3860 | 11 | |
| 175 | 14 | 7.44 | 3630 | 11 | |
| 193 | 12 | 6.74 | 3520 | 11 | |
| 215 | 11 | 6.05 | 3410 | 12 | |
| 249 | 9.6 | 5.21 | 3250 | 13 | |
| 265 | 9.0 | 4.90 | 3190 | 13 | |
| 308 | 7.7 | 4.22 | 3040 | 14 | |
| **0.37kW** | | | | | |
| 0.21 | 14900 | 6715 | 84800 | 0.80 | |
| 0.23 | 13100 | 5925 | 88300 | 0.90 | FA **127 R77 D71D4** |
| 0.27 | 11300 | 5153 | 90000 | 1.05 | FAF **127 R77 D71D4** |
| 0.30 | 9850 | 4533 | 90000 | 1.20 | F **127 R77 D71D4** |
| 0.35 | 8590 | 3926 | 90000 | 1.40 | FF **127 R77 D71D4** |
| 0.40 | 7510 | 3454 | 90000 | 1.60 | |
| 0.46 | 6570 | 3031 | 90000 | 1.85 | |
| 0.45 | 6720 | 3037 | 52300 | 1.15 | FA **107 R77 D71D4** |
| 0.50 | 6090 | 2756 | 53800 | 1.25 | FAF **107 R77 D71D4** |
| 0.58 | 5240 | 2369 | 55800 | 1.45 | F **107 R77 D71D4** |
| 0.67 | 4570 | 2068 | 57200 | 1.70 | FF **107 R77 D71D4** |
| 0.86 | 3510 | 1597 | 59400 | 2.2 | |
| 0.61 | 5070 | 2245 | 5160 | 0.85 | |
| 0.70 | 4430 | 1970 | 29500 | 0.95 | |
| 0.80 | 3900 | 1722 | 31000 | 1.10 | FA **97 R57 D71D4** |
| 0.90 | 3460 | 1527 | 32200 | 1.25 | FAF **97 R57 D71D4** |
| 1.0 | 2930 | 1327 | 33500 | 1.45 | F **97 R57 D71D4** |
| 1.2 | 2650 | 1171 | 34100 | 1.60 | FF **97 R57 D71D4** |
| 1.4 | 2310 | 1022 | 34800 | 1.85 | |
| 1.5 | 1960 | 898 | 35500 | 2.2 | |
| 1.1 | 2870 | 1300 | 23400 | 1.05 | |
| 1.2 | 2550 | 1148 | 24600 | 1.20 | |
| 1.4 | 2230 | 1010 | 25700 | 1.35 | FA **87 R57 D71D4** |
| 1.6 | 1970 | 887 | 26500 | 1.50 | FAF **87 R57 D71D4** |
| 1.8 | 1720 | 780 | 27200 | 1.75 | F **87 R57 D71D4** |
| 2.0 | 1470 | 674 | 27900 | 2.0 | FF **87 R57 D71D4** |
| 2.3 | 1340 | 609 | 28200 | 2.2 | |
| 2.7 | 1130 | 515 | 28700 | 2.7 | |
| 3.0 | 1000 | 452 | 29000 | 3.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.37kW** | | | | | |
| 1.7 | 1810 | 810 | 13300 | 0.85 | |
| 1.9 | 1590 | 710 | 15100 | 0.95 | |
| 2.2 | 1390 | 615 | 16400 | 1.10 | FA 77 R37 D71D4 |
| 2.6 | 1210 | 538 | 17400 | 1.25 | FAF 77 R37 D71D4 |
| 2.9 | 1080 | 480 | 18000 | 1.40 | F 77 R37 D71D4 |
| 3.3 | 920 | 413 | 18600 | 1.65 | FF 77 R37 D71D4 |
| 3.8 | 830 | 367 | 18900 | 1.80 | |
| 4.3 | 730 | 323 | 19200 | 2.0 | |
| 3.2 | 980 | 437 | 5750 | 0.85 | |
| 3.6 | 870 | 384 | 9880 | 0.95 | FA 67 R37 D71D4 |
| 4.1 | 770 | 338 | 10800 | 1.05 | FAF 67 R37 D71D4 |
| 4.5 | 685 | 305 | 11400 | 1.20 | F 67 R37 D71D4 |
| 5.4 | 575 | 257 | 12000 | 1.40 | FF 67 R37 D71D4 |
| 6.0 | 510 | 231 | 12400 | 1.60 | |
| 5.4 | 570 | 255 | 9420 | 1.05 | FA 57 R37 D71D4 |
| 6.9 | 445 | 201 | 10300 | 1.35 | FAF 57 R37 D71D4 |
| 7.6 | 405 | 181 | 10500 | 1.50 | F 57 R37 D71D4 |
| | | | | | FF 57 R37 D71D4 |
| 5.3 | 605 | 262 | 9170 | 1.00 | |
| 6.1 | 515 | 226 | 9810 | 1.15 | FA 57 R37 D71D4 |
| 6.9 | 455 | 200 | 10200 | 1.30 | FAF 57 R37 D71D4 |
| 8.1 | 385 | 170 | 10700 | 1.55 | F 57 R37 D71D4 |
| 9.1 | 345 | 152 | 10900 | 1.75 | FF 57 R37 D71D4 |
| 10 | 300 | 134 | 11100 | 2.0 | |
| 7.9 | 395 | 175 | 5990 | 1.00 | FA 47 R17 D71D4 |
| 9.4 | 335 | 147 | 6740 | 1.20 | FAF 47 R17 D71D4 |
| 11 | 295 | 130 | 7110 | 1.35 | F 47 R17 D71D4 |
| | | | | | FF 47 R17 D71D4 |
| 2.5 | 1410 | 270.68 | 28100 | 2.1 | FA 87 D90S8 |
| 2.7 | 1330 | 255.37 | 28200 | 2.3 | FAF 87 D90S8 |
| 3.0 | 1190 | 228.93 | 28600 | 2.5 | F 87 D90S8 |
| 3.5 | 1020 | 197.20 | 28900 | 2.9 | FF 87 D90S8 |
| 3.3 | 1060 | 270.68 | 28800 | 2.8 | FA 87 D80K6 |
| 3.5 | 1000 | 255.37 | 29000 | 3.0 | FAF 87 D80K6 |
| 3.9 | 900 | 228.93 | 29200 | 3.3 | F 87 D80K6 |
| | | | | | FF 87 D80K6 |
| 4.0 | 890 | 225.79 | 18700 | 1.70 | FA 77 D80K6 |
| 4.5 | 780 | 198.31 | 19100 | 1.95 | FAF 77 D80K6 |
| 4.8 | 740 | 188.40 | 19200 | 2.0 | F 77 D80K6 |
| 5.4 | 655 | 166.47 | 19400 | 2.3 | FF 77 D80K6 |
| 6.3 | 560 | 142.27 | 19600 | 2.7 | |
| 4.9 | 720 | 281.71 | 19200 | 2.1 | FA 77 D71D4 |
| 5.2 | 675 | 262.93 | 19300 | 2.2 | FAF 77 D71D4 |
| 6.1 | 580 | 225.79 | 19500 | 2.6 | F 77 D71D4 |
| 7.0 | 510 | 198.31 | 19700 | 3.0 | FF 77 D71D4 |
| 4.6 | 765 | 195.39 | 10800 | 1.05 | FA 67 D80K6 |
| 5.3 | 670 | 170.85 | 11500 | 1.20 | FAF 67 D80K6 |
| 5.6 | 635 | 162.31 | 11700 | 1.30 | F 67 D80K6 |
| 6.3 | 560 | 142.40 | 12100 | 1.45 | FF 67 D80K6 |
| 7.4 | 475 | 120.79 | 12500 | 1.75 | |
| 6.0 | 585 | 228.99 | 12000 | 1.40 | |
| 7.1 | 500 | 195.39 | 12400 | 1.65 | FA 67 D71D4 |
| 8.1 | 435 | 170.85 | 12700 | 1.85 | FAF 67 D71D4 |
| 8.5 | 415 | 162.31 | 12800 | 1.95 | F 67 D71D4 |
| 9.7 | 365 | 142.40 | 12900 | 2.2 | FF 67 D71D4 |
| 11 | 310 | 120.79 | 13000 | 2.7 | |
| 5.7 | 615 | 157.09 | 9070 | 0.95 | FA 57 D80K6 |
| 6.6 | 535 | 136.16 | 9680 | 1.10 | FAF 57 D80K6 |
| 7.1 | 500 | 127.27 | 9930 | 1.20 | F 57 D80K6 |
| 8.2 | 430 | 110.01 | 10400 | 1.40 | FF 57 D80K6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.37kW** | | | | | |
| 6.9 | 510 | 199.70 | 9850 | 1.15 | |
| 7.5 | 470 | 183.60 | 10100 | 1.30 | |
| 8.8 | 400 | 157.09 | 10600 | 1.50 | FA 57 D71D4 |
| 10 | 350 | 136.16 | 10900 | 1.70 | FAF 57 D71D4 |
| 11 | 325 | 127.27 | 11000 | 1.85 | F 57 D71D4 |
| 13 | 280 | 110.01 | 11200 | 2.1 | FF 57 D71D4 |
| 15 | 240 | 93.47 | 11500 | 2.5 | |
| 17 | 215 | 83.46 | 11500 | 2.8 | |
| 9.2 | 385 | 150.06 | 6140 | 1.05 | |
| 11 | 335 | 130.07 | 6740 | 1.20 | FA 47 D71D4 |
| 13 | 270 | 105.09 | 7320 | 1.50 | FAF 47 D71D4 |
| 15 | 230 | 89.29 | 7600 | 1.75 | F 47 D71D4 |
| 17 | 205 | 79.72 | 7750 | 1.95 | FF 47 D71D4 |
| 20 | 174 | 68.09 | 7900 | 2.3 | |
| 21 | 167 | 65.36 | 7930 | 2.4 | |
| 16 | 220 | 86.53 | 3960 | 090 | |
| 17 | 205 | 80.65 | 4200 | 0.95 | |
| 20 | 181 | 70.50 | 4550 | 1.10 | |
| 21 | 169 | 66.09 | 4680 | 1.20 | |
| 24 | 149 | 58.32 | 4890 | 1.35 | |
| 25 | 140 | 54.54 | 4970 | 1.45 | FA 37 D71D4 |
| 27 | 132 | 51.70 | 5030 | 1.50 | FAF 37 D71D4 |
| 29 | 120 | 47.02 | 5120 | 1.65 | F 37 D71D4 |
| 31 | 112 | 43.83 | 5180 | 1.80 | FF 37 D71D4 |
| 36 | 98 | 38.31 | 5270 | 2.0 | |
| 38 | 92 | 35.91 | 5300 | 2.2 | |
| 44 | 81 | 31.69 | 5300 | 2.5 | |
| 49 | 72 | 28.09 | 5140 | 2.8 | |
| 58 | 61 | 23.88 | 4930 | 3.3 | |
| 58 | 61 | 23.63 | 4920 | 3.3 | |
| 67 | 53 | 20.57 | 4740 | 3.8 | |
| 72 | 49 | 19.27 | 4650 | 4.1 | |
| 81 | 44 | 17.03 | 4500 | 4.6 | |
| 87 | 41 | 15.81 | 4400 | 4.9 | |
| 96 | 37 | 14.33 | 4280 | 5.4 | |
| 107 | 33 | 12.87 | 4150 | 6.1 | FA 37 D71D4 |
| 125 | 28 | 11.08 | 3970 | 6.7 | FAF 37 D71D4 |
| 132 | 27 | 10.42 | 3900 | 6.9 | F 37 D71D4 |
| 154 | 23 | 8.97 | 3730 | 7.6 | FF 37 D71D4 |
| 186 | 19 | 7.44 | 3510 | 7.6 | |
| 205 | 17 | 6.74 | 3410 | 8.1 | |
| 228 | 16 | 6.05 | 3300 | 8.7 | |
| 265 | 13 | 5.21 | 3150 | 9.4 | |
| 282 | 13 | 4.90 | 3090 | 9.6 | |
| 327 | 11 | 4.22 | 2950 | 10 | |
| **0.55kW** | | | | | |
| 0.22 | 20500 | 6295 | 92000 | 0.90 | FA 157 R97 D80K4 |
| 0.25 | 17400 | 5404 | 102100 | 1.05 | FAF 157 R97 D80K4 |
| 0.49 | 8930 | 2780 | 118700 | 2.0 | F 157 R97 D80K4 |
| | | | | | FF 157 R97 D80K4 |
| 0.56 | 7760 | 2427 | 120000 | 2.3 | FA 157 R97 D80K4 |
| 0.81 | 5520 | 1674 | 120000 | 3.3 | FAF 157 R97 D80K4 |
| 1.0 | 4220 | 1308 | 120000 | 4.3 | F 157 R97 D80K4 |
| 1.2 | 3730 | 1169 | 120000 | 4.8 | FF 157 R97 D80K4 |
| 0.35 | 13300 | 3926 | 88000 | 0.90 | FA 127 R77 D80K4 |
| 0.39 | 11600 | 3454 | 90000 | 1.05 | FAF 127 R77 D80K4 |
| 0.45 | 10200 | 3031 | 90000 | 1.20 | F 127 R77 D80K4 |
| | | | | | FF 127 R77 D80K4 |
| 0.57 | 8100 | 2369 | 48700 | 0.95 | |
| 0.66 | 7070 | 2068 | 51400 | 1.10 | |
| 0.74 | 6110 | 1826 | 53800 | 1.25 | |
| 0.85 | 5440 | 1597 | 55300 | 1.40 | FA 107 R77 D80K4 |
| 0.97 | 4750 | 1401 | 56900 | 1.60 | FAF 107 R77 D80K4 |
| 1.1 | 4160 | 1243 | 58100 | 1.85 | F 107 R77 D80K4 |
| 1.2 | 3700 | 1087 | 59000 | 2.1 | FF 107 R77 D80K4 |
| 1.4 | 3180 | 950 | 60000 | 2.4 | |
| 1.6 | 2770 | 834 | 60800 | 2.8 | |
| 2.1 | 2150 | 640 | 61900 | 3.6 | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.55kW** | | | | | |
| 1.0 | 4530 | 1327 | 29200 | 0.95 | |
| 1.2 | 4060 | 1171 | 30600 | 1.05 | |
| 1.3 | 3550 | 1022 | 32000 | 1.20 | |
| 1.5 | 3050 | 898 | 33200 | 1.40 | FA 97 R57 D80K4 |
| 1.7 | 2690 | 784 | 34000 | 1.60 | FAF 97 R57 D80K4 |
| 2.0 | 2340 | 690 | 34700 | 1.85 | F 97 R57 D80K4 |
| 2.2 | 2060 | 605 | 35300 | 2.1 | FF 97 R57 D80K4 |
| 2.6 | 1790 | 529 | 35800 | 2.4 | |
| 2.9 | 1580 | 467 | 36100 | 2.7 | |
| 3.4 | 1360 | 406 | 36500 | 3.2 | |
| 3.7 | 1220 | 363 | 36700 | 3.5 | |
| 1.5 | 3040 | 887 | 18200 | 1.00 | |
| 1.7 | 2660 | 780 | 24200 | 1.15 | FA 87 R57 D80K4 |
| 2.0 | 2290 | 674 | 25500 | 1.30 | FAF 87 R57 D80K4 |
| 2.2 | 2080 | 609 | 26200 | 1.45 | F 87 R57 D80K4 |
| 2.6 | 1750 | 515 | 27100 | 1.70 | FF 87 R57 D80K4 |
| 3.0 | 1540 | 452 | 27700 | 1.95 | |
| 3.9 | 1160 | 345 | 28600 | 2.6 | |
| 2.5 | 1860 | 538 | 9980 | 0.80 | FA 77 R37 D80K4 |
| 2.8 | 1660 | 480 | 14600 | 0.90 | FAF 77 R37 D80K4 |
| 3.3 | 1420 | 413 | 16200 | 1.05 | F 77 R37 D80K4 |
| 3.7 | 1270 | 367 | 17100 | 1.20 | FF 77 R37 D80K4 |
| 4.2 | 1120 | 323 | 17800 | 1.35 | |
| 5.3 | 890 | 257 | 9660 | 0.90 | FA 67 R37 D80K4 |
| 5.9 | 790 | 231 | 10600 | 1.05 | FAF 67 R37 D80K4 |
| 6.6 | 705 | 205 | 11200 | 1.15 | F 67 R37 D80K4 |
| 7.8 | 600 | 175 | 11900 | 1.35 | FF 67 R37 D80K4 |
| 2.5 | 2140 | 276.77 | 35100 | 2.0 | FA 97 D90L8 |
| 2.7 | 1960 | 253.41 | 35500 | 2.2 | FAF 97 D90L8 |
| 3.0 | 1730 | 223.88 | 35900 | 2.5 | F 97 D90L8 |
| | | | | | FF 97 D90L8 |
| 2.5 | 2090 | 270.68 | 26200 | 1.45 | FA 87 D90L8 |
| 2.7 | 1970 | 255.37 | 26500 | 1.50 | FAF 87 D90L8 |
| 3.0 | 1770 | 228.93 | 27100 | 1.70 | F 87 D90L8 |
| 3.5 | 1520 | 197.20 | 27800 | 1.95 | FF 87 D90L8 |
| 3.3 | 1580 | 270.68 | 27600 | 1.90 | FA 87 D80N6 |
| 3.5 | 1490 | 255.37 | 27800 | 2.0 | FAF 87 D80N6 |
| 3.9 | 1340 | 228.93 | 28200 | 2.2 | F 87 D80N6 |
| 4.6 | 1150 | 197.20 | 28700 | 2.6 | FF 87 D80N6 |
| 5.0 | 1050 | 179.97 | 28900 | 2.9 | |
| 4.0 | 1320 | 225.79 | 16800 | 1.15 | |
| 4.5 | 1160 | 198.31 | 17600 | 1.30 | FA 77 D80N6 |
| 4.8 | 1100 | 188.40 | 17900 | 1.35 | FAF 77 D80N6 |
| 5.4 | 970 | 166.47 | 18400 | 1.55 | F 77 D80N6 |
| 6.3 | 830 | 142.27 | 18900 | 1.80 | FF 77 D80N6 |
| 6.9 | 760 | 130.42 | 19100 | 1.95 | |
| 6.0 | 870 | 225.79 | 18800 | 1.70 | |
| 6.9 | 765 | 198.31 | 19100 | 1.95 | |
| 7.2 | 730 | 188.40 | 19200 | 2.1 | FA 77 D80K4 |
| 8.2 | 645 | 166.47 | 19400 | 2.3 | FAF 77 D80K4 |
| 9.6 | 550 | 142.27 | 19600 | 2.7 | F 77 D80K4 |
| 10 | 505 | 130.42 | 19700 | 3.0 | FF 77 D80K4 |
| 12 | 440 | 114.45 | 19800 | 3.4 | |
| 13 | 420 | 108.46 | 19800 | 3.6 | |
| 14 | 365 | 94.93 | 19900 | 4.1 | |
| 7.0 | 755 | 195.39 | 10900 | 1.10 | |
| 8.0 | 660 | 170.85 | 11500 | 1.25 | |
| 8.4 | 625 | 162.31 | 11700 | 1.30 | FA 67 D80K4 |
| 9.6 | 550 | 142.40 | 12200 | 1.50 | FAF 67 D80K4 |
| 11 | 465 | 120.79 | 12600 | 1.75 | F 67 D80K4 |
| 12 | 420 | 109.04 | 12700 | 1.95 | FF 67 D80K4 |
| 14 | 370 | 95.94 | 12900 | 2.2 | |
| 15 | 350 | 90.59 | 13000 | 2.3 | |
| 17 | 310 | 79.76 | 13000 | 2.7 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.55kW** | | | | | |
| 8.7 | 605 | 157.09 | 9150 | 1.00 | |
| 10 | 525 | 136.16 | 9750 | 1.15 | |
| 11 | 490 | 127.27 | 9980 | 1.20 | |
| 12 | 425 | 110.01 | 10400 | 1.40 | FA 57 D80K4 |
| 15 | 360 | 93.47 | 10800 | 1.65 | FAF 57 D80K4 |
| 16 | 320 | 83.46 | 11000 | 1.85 | F 57 D80K4 |
| 19 | 280 | 72.98 | 11200 | 2.1 | FF 57 D80K4 |
| 20 | 265 | 68.22 | 11300 | 2.3 | |
| 23 | 230 | 58.97 | 11500 | 2.6 | |
| 13 | 405 | 105.09 | 5840 | 1.00 | |
| 15 | 345 | 89.29 | 6620 | 1.15 | |
| 17 | 310 | 79.72 | 6990 | 1.30 | FA 47 D80K4 |
| 20 | 265 | 68.09 | 7370 | 1.50 | FAF 47 D80K4 |
| 21 | 250 | 65.36 | 7440 | 1.60 | F 47 D80K4 |
| 24 | 220 | 56.49 | 7670 | 1.85 | FF 47 D80K4 |
| 28 | 185 | 48.00 | 7850 | 2.2 | |
| 32 | 166 | 42.86 | 7940 | 2.4 | |
| 23 | 225 | 58.32 | 3890 | 0.90 | |
| 25 | 210 | 54.54 | 4140 | 0.95 | |
| 26 | 200 | 51.70 | 4300 | 1.00 | |
| 29 | 182 | 47.02 | 4540 | 1.10 | FA 37 D80K4 |
| 31 | 169 | 43.83 | 4680 | 1.20 | FAF 37 D80K4 |
| 36 | 148 | 38.31 | 4900 | 1.35 | F 37 D80K4 |
| 38 | 139 | 35.91 | 4980 | 1.45 | FF 37 D80K4 |
| 43 | 122 | 31.69 | 4990 | 1.65 | |
| 48 | 109 | 28.09 | 4870 | 1.85 | |
| 57 | 92 | 23.88 | 4700 | 2.2 | |
| 58 | 91 | 23.63 | 4690 | 2.2 | |
| 66 | 79 | 20.57 | 4540 | 2.5 | |
| 71 | 74 | 19.27 | 4470 | 2.7 | |
| 80 | 66 | 17.03 | 4340 | 3.0 | |
| 95 | 55 | 14.33 | 4150 | 3.6 | |
| 106 | 50 | 12.87 | 4030 | 4.0 | |
| 123 | 43 | 11.08 | 3870 | 4.4 | FA 37 D80K4 |
| 130 | 40 | 10.42 | 3810 | 4.6 | FAF 37 D80K4 |
| 152 | 35 | 8.97 | 3650 | 5.1 | F 37 D80K4 |
| 170 | 31 | 8.01 | 3540 | 5.5 | FF 37 D80K4 |
| 183 | 29 | 7.44 | 3440 | 5.1 | |
| 202 | 26 | 6.74 | 3340 | 5.4 | |
| 225 | 23 | 6.05 | 3240 | 5.8 | |
| 261 | 20 | 5.21 | 3100 | 6.2 | |
| 277 | 19 | 4.90 | 3050 | 6.3 | |
| 322 | 16 | 4.22 | 2920 | 6.8 | |
| 361 | 15 | 3.77 | 2820 | 7.2 | |
| **0.75kW** | | | | | |
| 0.50 | 12300 | 2780 | 113600 | 1.45 | FA 157 R97 D80N4<br>FAF 157 R97 D80N4<br>F 157 R97 D80N4<br>FF 157 R97 D80N4 |
| 0.57 | 10700 | 2427 | 116200 | 1.70 | FA 157 R97 D80N4 |
| 0.82 | 7580 | 1674 | 120000 | 2.4 | FAF 157 R97 D80N4 |
| 1.1 | 5830 | 1308 | 120000 | 3.1 | F 157 R97 D80N4 |
| 1.2 | 5170 | 1169 | 120000 | 3.5 | FF 157 R97 D80N4 |
| 0.46 | 13800 | 3031 | 86900 | 0.85 | FA 127 R77 D80N4<br>FAF 127 R77 D80N4<br>F 127 R77 D80N4<br>FF 127 R77 D80N4 |
| 0.52 | 12400 | 2672 | 89600 | 0.95 | FA 127 R77 D80N4 |
| 0.59 | 10900 | 2357 | 90000 | 1.10 | FAF 127 R77 D80N4 |
| 0.68 | 9390 | 2038 | 90000 | 1.30 | F 127 R77 D80N4 |
| 0.77 | 8190 | 1784 | 90000 | 1.45 | FF 127 R77 D80N4 |
| 0.86 | 7350 | 1606 | 90000 | 1.65 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.75kW** | | | | | |
| 0.76 | 8360 | 1826 | 48000 | 0.90 | |
| 0.86 | 7400 | 1597 | 50500 | 1.05 | |
| 0.98 | 6470 | 1401 | 52900 | 1.20 | FA **107 R77 D80N4** |
| 1.1 | 5690 | 1243 | 54800 | 1.35 | FAF **107 R77 D80N4** |
| 1.3 | 5040 | 1087 | 56200 | 1.50 | F **107 R77 D80N4** |
| 1.5 | 4350 | 950 | 57700 | 1.75 | FF **107 R77 D80N4** |
| 1.7 | 3800 | 834 | 58800 | 2.0 | |
| 2.2 | 2940 | 640 | 60500 | 2.6 | |
| 3.2 | 2000 | 436 | 62200 | 3.8 | |
| 1.4 | 4810 | 1022 | 22800 | 0.90 | |
| 1.5 | 4150 | 898 | 30300 | 1.05 | |
| 1.8 | 3660 | 784 | 31700 | 1.20 | FA **97 R57 D80N4** |
| 2.0 | 3190 | 690 | 32900 | 1.35 | FAF **97 R57 D80N4** |
| 2.3 | 2800 | 605 | 33800 | 1.55 | F **97 R57 D80N4** |
| 2.6 | 2440 | 529 | 34500 | 1.75 | FF **97 R57 D80N4** |
| 3.0 | 2160 | 467 | 35100 | 2.0 | |
| 3.4 | 1860 | 406 | 35600 | 2.3 | |
| 3.8 | 1670 | 363 | 36000 | 2.6 | |
| 2.0 | 3120 | 674 | 14700 | 0.95 | FA **87 R57 D80N4** |
| 2.3 | 2830 | 609 | 23600 | 1.05 | FAF **87 R57 D80N4** |
| 2.7 | 2390 | 515 | 25200 | 1.25 | F **87 R57 D80N4** |
| 3.0 | 2100 | 452 | 26100 | 1.45 | FF **87 R57 D80N4** |
| 4.0 | 1590 | 345 | 27600 | 1.90 | |
| 3.8 | 1720 | 367 | 14100 | 0.85 | FA **77 R37 D80N4** |
| 4.3 | 1520 | 323 | 15600 | 1.00 | FAF **77 R37 D80N4** |
| 4.9 | 1310 | 280 | 16900 | 1.15 | F **77 R37 D80N4** |
| | | | | | FF **77 R37 D80N4** |
| 2.7 | 2640 | 254.40 | 61100 | 2.9 | FA **107 D100M8** |
| | | | | | FAF **107 D100M8** |
| | | | | | F **107 D100M8** |
| | | | | | FF **107 D100M8** |
| 2.5 | 2870 | 276.77 | 33600 | 1.50 | FA **97 D100M8** |
| 2.7 | 2630 | 253.41 | 34100 | 1.65 | FAF **97 D100M8** |
| 3.1 | 2320 | 223.88 | 34800 | 1.85 | F **97 D100M8** |
| | | | | | FF **97 D100M8** |
| 3.2 | 2200 | 276.77 | 35000 | 1.95 | FA **97 D90S6** |
| 3.5 | 2020 | 253.41 | 35400 | 2.1 | FAF **97 D90S6** |
| 4.0 | 1780 | 223.88 | 35800 | 2.4 | F **97 D90S6** |
| | | | | | FF **97 D90S6** |
| 3.3 | 2150 | 270.68 | 26000 | 1.40 | |
| 3.5 | 2030 | 255.37 | 26300 | 1.50 | FA **87 D90S6** |
| 3.9 | 1820 | 228.93 | 27000 | 1.65 | FAF **87 D90S6** |
| 4.6 | 1570 | 197.20 | 27600 | 1.90 | F **87 D90S6** |
| 5.0 | 1430 | 179.97 | 28000 | 2.1 | FF **87 D90S6** |
| 5.6 | 1270 | 156.61 | 28400 | 2.4 | |
| 5.1 | 1400 | 270.68 | 28100 | 2.1 | FA **87 D80N4** |
| 5.4 | 1330 | 255.37 | 28200 | 2.3 | FAF **87 D80N4** |
| 6.0 | 1190 | 228.93 | 28600 | 2.5 | F **87 D80N4** |
| | | | | | FF **87 D80N4** |
| 4.5 | 1580 | 198.31 | 15200 | 0.95 | FA **77 D90S6** |
| 4.8 | 1500 | 188.40 | 15700 | 1.00 | FAF **77 D90S6** |
| 5.4 | 1320 | 166.47 | 16800 | 1.15 | F **77 D90S6** |
| 6.3 | 1130 | 142.27 | 17800 | 1.30 | FF **77 D90S6** |
| 6.9 | 1040 | 130.42 | 18200 | 1.45 | |
| 6.1 | 1170 | 225.79 | 17600 | 1.30 | FA **77 D80N4** |
| 7.0 | 1030 | 198.31 | 18200 | 1.45 | FAF **77 D80N4** |
| 7.3 | 980 | 188.40 | 18400 | 1.55 | F **77 D80N4** |
| | | | | | FF **77 D80N4** |
| 8.3 | 860 | 166.47 | 18800 | 1.75 | FA **77 D80N4** |
| 9.7 | 740 | 142.27 | 19200 | 2.0 | FAF **77 D80N4** |
| 11 | 675 | 130.42 | 19300 | 2.2 | F **77 D80N4** |
| 12 | 595 | 114.45 | 19500 | 2.5 | FF **77 D80N4** |
| 13 | 565 | 108.46 | 19600 | 2.7 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.75kW** | | | | | |
| 8.1 | 890 | 170.85 | 9670 | 0.90 | FA **67 D80N4** |
| 8.5 | 840 | 162.31 | 10100 | 0.95 | FAF **67 D80N4** |
| 9.7 | 740 | 142.40 | 11000 | 1.10 | F **67 D80N4** |
| 11 | 625 | 120.79 | 11700 | 1.30 | FF **67 D80N4** |
| 13 | 565 | 109.04 | 12100 | 1.45 | |
| 14 | 500 | 95.94 | 12400 | 1.65 | FA **67 D80N4** |
| 15 | 470 | 90.59 | 12500 | 1.75 | FAF **67 D80N4** |
| 17 | 415 | 79.76 | 12800 | 2.0 | F **67 D80N4** |
| 20 | 350 | 67.65 | 13000 | 2.3 | FF **67 D80N4** |
| 23 | 315 | 61.07 | 13000 | 2.6 | |
| 11 | 660 | 127.27 | 5290 | 0.90 | |
| 13 | 570 | 110.01 | 9420 | 1.05 | |
| 15 | 485 | 93.47 | 10000 | 1.25 | FA **57 D80N4** |
| 17 | 435 | 83.46 | 10400 | 1.40 | FAF **57 D80N4** |
| 19 | 380 | 72.98 | 10700 | 1.60 | F **57 D80N4** |
| 20 | 355 | 68.22 | 10800 | 1.70 | FF **57 D80N4** |
| 23 | 305 | 58.97 | 11100 | 1.95 | |
| 28 | 260 | 50.10 | 11300 | 2.3 | |
| 31 | 230 | 44.73 | 11400 | 2.6 | |
| 17 | 415 | 79.72 | 5060 | 0.95 | FA **47 D80N4** |
| 20 | 355 | 68.09 | 6520 | 1.15 | FAF **47 D80N4** |
| 21 | 340 | 65.36 | 6680 | 1.20 | F **47 D80N4** |
| | | | | | FF **47 D80N4** |
| 24 | 295 | 56.49 | 7120 | 1.35 | |
| 29 | 250 | 48.00 | 7470 | 1.60 | FA **47 D80N4** |
| 32 | 220 | 42.86 | 7640 | 1.80 | FAF **47 D80N4** |
| 38 | 190 | 36.61 | 7820 | 2.1 | F **47 D80N4** |
| 40 | 178 | 34.29 | 7850 | 2.2 | FF **47 D80N4** |
| 48 | 150 | 28.88 | 7540 | 2.7 | |
| 29 | 245 | 47.02 | 3530 | 0.80 | |
| 31 | 230 | 43.83 | 3850 | 0.90 | FA **37 D80N4** |
| 36 | 199 | 38.31 | 4310 | 1.00 | FAF **37 D80N4** |
| 38 | 186 | 35.91 | 4480 | 1.05 | F **37 D80N4** |
| 44 | 165 | 31.69 | 4620 | 1.20 | FF **37 D80N4** |
| 49 | 146 | 28.09 | 4540 | 1.35 | |
| 58 | 124 | 23.88 | 4410 | 1.60 | |
| 58 | 123 | 23.63 | 4400 | 1.65 | |
| 67 | 107 | 20.57 | 4290 | 1.85 | |
| 72 | 100 | 19.27 | 4240 | 2.0 | |
| 81 | 88 | 17.03 | 4130 | 2.3 | |
| 96 | 74 | 14.33 | 3970 | 2.7 | |
| 107 | 67 | 12.87 | 3870 | 3.0 | FA **37 D80N4** |
| 125 | 58 | 11.08 | 3730 | 3.3 | FAF **37 D80N4** |
| 132 | 54 | 10.42 | 3680 | 3.4 | F **37 D80N4** |
| 154 | 47 | 8.97 | 3540 | 3.8 | FF **37 D80N4** |
| 205 | 35 | 6.74 | 3250 | 4.0 | |
| 228 | 31 | 6.05 | 3150 | 4.3 | |
| 265 | 27 | 5.21 | 3030 | 4.6 | |
| 282 | 25 | 4.90 | 2970 | 4.7 | |
| 327 | 22 | 4.22 | 2850 | 5.0 | |
| 366 | 20 | 3.77 | 2760 | 5.4 | |
| **1.1kW** | | | | | |
| 0.50 | 18200 | 2780 | 99800 | 1.00 | FA **157 R97 D90S4** |
| | | | | | FAF **157 R97 D90S4** |
| | | | | | F **157 R97 D90S4** |
| | | | | | FF **157 R97 D90S4** |
| 0.58 | 16000 | 2427 | 105800 | 1.15 | |
| 0.64 | 14300 | 2185 | 109700 | 1.25 | |
| 0.72 | 12700 | 1944 | 112900 | 1.40 | |
| 0.84 | 11200 | 1674 | 115500 | 1.60 | FA **157 R97 D90S4** |
| 1.1 | 8640 | 1308 | 119000 | 2.1 | FAF **157 R97 D90S4** |
| 1.2 | 7680 | 1169 | 120000 | 2.3 | F **157 R97 D90S4** |
| 1.5 | 6190 | 953 | 120000 | 2.9 | FF **157 R97 D90S4** |
| 1.7 | 5450 | 845 | 120000 | 3.3 | |
| 3.1 | 2880 | 446 | 120000 | 6.2 | |
| 4.6 | 1950 | 302 | 120000 | 9.2 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.1kW** | | | | | |
| 0.69 | 13800 | 2038 | 87000 | 0.85 | |
| 0.79 | 12000 | 1784 | 90000 | 1.00 | FA **127 R77 D90S4** |
| 0.87 | 10800 | 1606 | 90000 | 1.10 | FAF **127 R77 D90S4** |
| 1.0 | 9350 | 1390 | 90000 | 1.30 | F **127 R77 D90S4** |
| 1.1 | 8170 | 1220 | 90000 | 1.45 | FF **127 R77 D90S4** |
| 1.3 | 7260 | 1077 | 90000 | 1.65 | |
| 1.1 | 8360 | 1243 | 48000 | 0.90 | |
| 1.3 | 7370 | 1087 | 50600 | 1.05 | FA **107 R77 D90S4** |
| 1.5 | 6390 | 950 | 53100 | 1.20 | FAF **107 R77 D90S4** |
| 1.7 | 5590 | 834 | 55000 | 1.35 | F **107 R77 D90S4** |
| 1.9 | 4910 | 736 | 56500 | 1.55 | FF **107 R77 D90S4** |
| 2.2 | 4310 | 640 | 57800 | 1.80 | |
| 2.0 | 4670 | 690 | 27800 | 0.90 | |
| 2.3 | 4100 | 605 | 30500 | 1.05 | FA **97 R57 D90S4** |
| 2.7 | 3580 | 529 | 31900 | 1.20 | FAF **97 R57 D90S4** |
| 3.0 | 3160 | 467 | 32900 | 1.35 | F **97 R57 D90S4** |
| 3.5 | 2730 | 406 | 33900 | 1.55 | FF **97 R57 D90S4** |
| 3.8 | 2450 | 363 | 34500 | 1.75 | |
| 3.1 | 3070 | 452 | 16900 | 1.00 | FA **87 R57 D90S4** |
| 4.1 | 2330 | 345 | 25400 | 1.30 | FAF **87 R57 D90S4** |
| 4.7 | 2020 | 300 | 26400 | 1.50 | F **87 R57 D90S4** |
| 5.6 | 1670 | 249 | 27400 | 1.80 | FF **87 R57 D90S4** |
| 2.7 | 3930 | 254.40 | 58600 | 1.95 | FA **107 D100L8** |
| 3.2 | 3330 | 215.37 | 59800 | 2.3 | FAF **107 D100L8** |
| 3.4 | 3080 | 199.31 | 60200 | 2.5 | F **107 D100L8** |
| 3.8 | 2760 | 178.64 | 60800 | 2.8 | FF **107 D100L8** |
| 3.3 | 3160 | 276.77 | 32900 | 1.35 | FA **97 D90L6** |
| 3.6 | 2890 | 253.41 | 33600 | 1.50 | FAF **97 D90L6** |
| 4.1 | 2560 | 223.88 | 34300 | 1.70 | F **97 D90L6** |
| 4.8 | 2170 | 189.92 | 35100 | 2.0 | FF **97 D90L6** |
| 5.3 | 2000 | 174.87 | 35400 | 2.2 | |
| 5.1 | 2080 | 276.77 | 35200 | 2.1 | FA **97 D90S4** |
| 5.5 | 1900 | 253.41 | 35600 | 2.3 | FAF **97 D90S4** |
| 6.2 | 1680 | 223.88 | 36000 | 2.6 | F **97 D90S4** |
| | | | | | FF **97 D90S4** |
| 3.4 | 3090 | 270.68 | 16000 | 0.95 | |
| 3.6 | 2920 | 255.37 | 22700 | 1.05 | FA **87 D90L6** |
| 4.0 | 2610 | 228.93 | 24400 | 1.15 | FAF **87 D90L6** |
| 4.7 | 2250 | 197.20 | 25700 | 1.35 | F **87 D90L6** |
| 5.1 | 2050 | 179.97 | 26300 | 1.45 | FF **87 D90L6** |
| 5.8 | 1820 | 159.61 | 27000 | 1.65 | |
| 5.2 | 2030 | 270.68 | 26300 | 1.50 | FA **87 D90S4** |
| 5.5 | 1920 | 255.37 | 26700 | 1.55 | FAF **87 D90S4** |
| 6.1 | 1720 | 228.93 | 27200 | 1.75 | F **87 D90S4** |
| 7.1 | 1480 | 197.20 | 27900 | 2.0 | FF **87 D90S4** |
| 7.8 | 1350 | 179.97 | 28200 | 2.2 | FA **87 D90S4** |
| 8.8 | 1200 | 159.61 | 28500 | 2.5 | FAF **87 D90S4** |
| 10 | 1010 | 134.16 | 29000 | 3.0 | F **87 D90S4** |
| 11 | 930 | 123.29 | 29100 | 3.2 | FF **87 D90S4** |
| 7.1 | 1490 | 198.31 | 15800 | 1.00 | FA **77 D90S4** |
| 7.4 | 1410 | 188.40 | 16300 | 1.05 | FAF **77 D90S4** |
| 8.4 | 1250 | 166.47 | 17200 | 1.20 | F **77 D90S4** |
| 9.8 | 1070 | 142.27 | 18000 | 1.40 | FF **77 D90S4** |
| 11 | 980 | 130.42 | 18400 | 1.55 | |
| 12 | 860 | 114.45 | 18800 | 1.75 | FA **77 D90S4** |
| 13 | 810 | 108.46 | 18900 | 1.85 | FAF **77 D90S4** |
| 15 | 710 | 94.93 | 19200 | 2.1 | F **77 D90S4** |
| 16 | 640 | 85.52 | 19400 | 2.3 | FF **77 D90S4** |
| 19 | 565 | 75.02 | 19600 | 2.7 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.1kW** | | | | | |
| 12 | 910 | 120.79 | 9460 | 0.90 | |
| 13 | 820 | 109.04 | 10300 | 1.00 | |
| 15 | 720 | 95.94 | 11100 | 1.15 | |
| 15 | 680 | 90.59 | 11400 | 1.20 | |
| 18 | 600 | 79.76 | 11900 | 1.35 | FA **67 D90S4** |
| 21 | 510 | 67.65 | 12400 | 1.60 | FAF **67 D90S4** |
| 23 | 460 | 61.07 | 12600 | 1.80 | F **67 D90S4** |
| 26 | 405 | 53.73 | 12800 | 2.0 | FF **67 D90S4** |
| 28 | 380 | 50.74 | 12900 | 2.2 | |
| 32 | 325 | 43.20 | 13000 | 2.5 | |
| 36 | 295 | 39.26 | 13000 | 2.7 | |
| 41 | 255 | 34.01 | 13000 | 2.9 | |
| 17 | 625 | 83.46 | 8470 | 0.95 | |
| 19 | 550 | 72.98 | 9590 | 1.10 | |
| 21 | 510 | 68.22 | 9840 | 1.15 | FA **57 D90S4** |
| 24 | 440 | 58.97 | 10300 | 1.35 | FAF **57 D90S4** |
| 28 | 375 | 50.10 | 10700 | 1.60 | F **57 D90S4** |
| 31 | 335 | 44.73 | 10700 | 1.80 | FF **57 D90S4** |
| 37 | 285 | 38.21 | 10400 | 2.1 | |
| 39 | 270 | 35.79 | 10200 | 2.2 | |
| 46 | 225 | 30.15 | 9810 | 2.6 | |
| 25 | 425 | 56.49 | 3730 | 0.95 | FA **47 D90S4** |
| 29 | 360 | 48.00 | 6440 | 1.10 | FAF **47 D90S4** |
| | | | | | F **47 D90S4** |
| | | | | | FF **47 D90S4** |
| 33 | 320 | 42.86 | 6860 | 1.25 | FA **47 D90S4** |
| 38 | 275 | 36.61 | 7280 | 1.45 | FAF **47 D90S4** |
| 41 | 255 | 34.29 | 7260 | 1.55 | F **47 D90S4** |
| 48 | 215 | 28.88 | 7040 | 1.85 | FF **47 D90S4** |
| 45 | 230 | 30.86 | 7130 | 1.75 | |
| 48 | 220 | 29.32 | 7060 | 1.80 | FA **47 D90S4** |
| 54 | 193 | 25.72 | 6880 | 2.1 | FAF **47 D90S4** |
| 64 | 164 | 21.82 | 6640 | 2.4 | F **47 D90S4** |
| 71 | 148 | 19.70 | 6490 | 2.7 | FF **47 D90S4** |
| 44 | 240 | 31.69 | 3660 | 0.85 | FA **37 D90S4** |
| 50 | 210 | 28.09 | 3970 | 0.95 | FAF **37 D90S4** |
| 59 | 179 | 23.88 | 3930 | 1.10 | F **37 D90S4** |
| | | | | | FF **37 D90S4** |
| 68 | 154 | 20.57 | 3870 | 1.30 | |
| 73 | 145 | 19.27 | 3740 | 1.40 | |
| 82 | 128 | 17.03 | 3780 | 1.55 | |
| 98 | 108 | 14.33 | 3680 | 1.85 | |
| 109 | 97 | 12.87 | 3610 | 2.1 | |
| 126 | 83 | 11.08 | 3500 | 2.3 | FA **37 D90S4** |
| 134 | 78 | 10.42 | 3460 | 2.4 | FAF **37 D90S4** |
| 156 | 67 | 8.97 | 3350 | 2.6 | F **37 D90S4** |
| 175 | 60 | 8.01 | 3260 | 2.8 | FF **37 D90S4** |
| 208 | 51 | 6.74 | 3090 | 2.8 | |
| 231 | 45 | 6.05 | 3010 | 3.0 | |
| 269 | 39 | 5.21 | 2900 | 3.2 | |
| 286 | 37 | 4.90 | 2860 | 3.3 | |
| 332 | 32 | 4.22 | 2750 | 3.5 | |
| 372 | 28 | 3.77 | 2670 | 3.7 | |
| **1.5kW** | | | | | |
| 0.58 | 21900 | 2427 | 86400 | 0.80 | |
| 0.65 | 19700 | 2185 | 95000 | 0.90 | |
| 0.73 | 17500 | 1944 | 101700 | 1.05 | FA **157R97 D90L4** |
| 0.84 | 15300 | 1674 | 107400 | 1.20 | FAF **157R97 D90L4** |
| 1.1 | 11944 | 1308 | 114400 | 1.50 | F **157R97 D90L4** |
| 1.2 | 10600 | 1169 | 116400 | 1.70 | FF **157R97 D90L4** |
| 1.5 | 8540 | 953 | 119100 | 2.1 | |
| 1.7 | 7530 | 845 | 120000 | 2.4 | |
| 3.2 | 3980 | 446 | 120000 | 4.5 | |
| 4.7 | 2690 | 302 | 120000 | 6.7 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.5kW** | | | | | |
| 0.88 | 14800 | 1606 | 85000 | 0.80 | |
| 1.0 | 12800 | 1390 | 89000 | 0.95 | |
| 1.2 | 11200 | 1220 | 90000 | 1.05 | FA 127 R77 D90L4 |
| 1.3 | 9910 | 1077 | 90000 | 1.20 | FAF 127 R77 D90L4 |
| 1.5 | 8520 | 930 | 90000 | 1.40 | F 127 R77 D90L4 |
| 1.7 | 7500 | 820 | 90000 | 1.60 | FF 127 R77 D90L4 |
| 1.9 | 6630 | 727 | 90000 | 1.80 | |
| 2.2 | 5960 | 648 | 90000 | 2.0 | |
| 1.5 | 8730 | 950 | 46900 | 0.90 | |
| 1.7 | 7640 | 834 | 49900 | 1.00 | |
| 1.9 | 6730 | 736 | 52300 | 1.15 | FA 107 R77 D90L4 |
| 2.2 | 5890 | 640 | 54300 | 1.30 | FAF 107 R77 D90L4 |
| 2.5 | 5110 | 560 | 56100 | 1.50 | F 107 R77 D90L4 |
| 2.9 | 4460 | 489 | 57500 | 1.70 | FF 107 R77 D90L4 |
| 3.2 | 4010 | 436 | 58400 | 1.90 | |
| 3.8 | 3400 | 370 | 59600 | 2.3 | |
| 2.7 | 4880 | 529 | 19800 | 0.90 | FA 97 R57 D90L4 |
| 3.0 | 4310 | 467 | 29900 | 1.00 | FAF 97 R57 D90L4 |
| 3.5 | 3730 | 406 | 31500 | 1.15 | F 97 R57 D90L4 |
| 3.9 | 3340 | 363 | 32500 | 1.30 | FF 97 R57 D90L4 |
| 4.1 | 3180 | 345 | 11100 | 0.95 | FA 87 R57 D90L4 |
| 4.7 | 2760 | 300 | 23900 | 1.10 | FAF 87 R57 D90L4 |
| 5.7 | 2290 | 249 | 25500 | 1.30 | F 87 R57 D90L4 |
| | | | | | FF 87 R57 D90L4 |
| 2.8 | 5210 | 254.40 | 55900 | 1.50 | FA 107 D112M8 |
| 3.2 | 4410 | 215.37 | 57600 | 1.75 | FAF 107 D112M8 |
| 3.5 | 4080 | 199.31 | 58300 | 1.90 | F 107 D112M8 |
| 3.9 | 3660 | 178.64 | 59100 | 2.1 | FF 107 D112M8 |
| 3.6 | 3960 | 254.40 | 58500 | 1.95 | FA 107 D100M6 |
| 4.3 | 3350 | 215.37 | 59700 | 2.3 | FAF 107 D100M6 |
| 4.6 | 3100 | 199.31 | 60200 | 2.5 | F 107 D100M6 |
| 5.2 | 2780 | 178.64 | 60800 | 2.8 | FF 107 D100M6 |
| 3.3 | 4310 | 276.77 | 29900 | 1.00 | |
| 3.6 | 3950 | 253.41 | 30900 | 1.10 | FA 97 |
| 4.1 | 3490 | 223.88 | 32100 | 1.25 | FAF 97 D100M6 |
| 4.8 | 2960 | 189.92 | 33400 | 1.45 | F 97 D100M6 |
| 5.3 | 2720 | 174.87 | 33900 | 1.60 | FF 97 D100M6 |
| 5.1 | 2810 | 276.77 | 33700 | 1.55 | |
| 5.6 | 2570 | 253.41 | 34300 | 1.65 | FA 97 D90L4 |
| 6.3 | 2270 | 223.88 | 34900 | 1.90 | FAF 97 D90L4 |
| 7.4 | 1930 | 189.92 | 35500 | 2.2 | F 97 D90L4 |
| 8.1 | 1780 | 174.87 | 35800 | 2.4 | FF 97 D90L4 |
| 5.2 | 2750 | 270.68 | 23900 | 1.10 | FA 87 D90L4 |
| 5.5 | 2590 | 255.37 | 24500 | 1.15 | FAF 87 D90L4 |
| 6.2 | 2330 | 228.93 | 24600 | 1.30 | F 87 D90L4 |
| 7.2 | 2000 | 197.20 | | 1.50 | FF 87 D90L4 |
| 7.8 | 1830 | 179.97 | 26900 | 1.65 | |
| 8.8 | 1620 | 159.61 | 27500 | 1.85 | FA 87 D90L4 |
| 11 | 1360 | 134.16 | 28200 | 2.2 | FAF 87 D90L4 |
| 13 | 1110 | 109.49 | 28700 | 2.7 | F 87 D90L4 |
| 14 | 990 | 97.89 | 29000 | 3.0 | FF 87 D90L4 |
| 8.5 | 1690 | 166.47 | 14300 | 0.90 | FA 77 D90L4 |
| 9.9 | 1450 | 142.27 | 16100 | 1.05 | FAF 77 D90L4 |
| 11 | 1320 | 130.42 | 16800 | 1.15 | F 77 D90L4 |
| 12 | 1160 | 114.45 | 17600 | 1.30 | FF 77 D90L4 |
| 13 | 1100 | 108.46 | 17900 | 1.35 | |
| 15 | 960 | 94.93 | 18400 | 1.55 | |
| 16 | 870 | 85.52 | 18800 | 1.75 | |
| 19 | 760 | 75.02 | 19100 | 1.95 | FA 77 D90L4 |
| 19 | 735 | 72.50 | 19200 | 2.0 | FAF 77 D90L4 |
| 21 | 675 | 66.46 | 19300 | 2.2 | F 77 D90L4 |
| 24 | 595 | 58.32 | 19500 | 2.5 | FF 77 D90L4 |
| 26 | 560 | 55.27 | 19600 | 2.7 | |
| 29 | 490 | 48.37 | 19700 | 3.0 | |
| 32 | 445 | 43.58 | 19800 | 3.4 | |
| 37 | 390 | 38.23 | 19900 | 3.9 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.5kW** | | | | | |
| 39 | 370 | 36.58 | 19900 | 3.0 | FA 77 D90L4 |
| 45 | 320 | 31.51 | 20000 | 4.3 | FAF 77 D90L4 |
| | | | | | F 77 D90L4 |
| | | | | | FF 77 D90L4 |
| 16 | 920 | 90.59 | 9300 | 0.90 | |
| 18 | 810 | 79.76 | 10400 | 1.00 | |
| 21 | 685 | 67.65 | 11400 | 1.20 | FA 67 D90L4 |
| 23 | 620 | 61.07 | 11800 | 1.30 | FAF 67 D90L4 |
| 26 | 545 | 53.73 | 12200 | 1.50 | F 67 D90L4 |
| 28 | 515 | 50.74 | 12300 | 1.60 | FF 67 D90L4 |
| 33 | 440 | 43.20 | 12700 | 1.85 | |
| 36 | 400 | 39.26 | 12800 | 1.95 | |
| 39 | 370 | 36.30 | 12900 | 2.2 | FA 67 D90L4 |
| 44 | 325 | 32.08 | 13000 | 2.5 | FAF 67 D90L4 |
| 51 | 280 | 27.41 | 13000 | 2.9 | F 67 D90L4 |
| 56 | 255 | 25.13 | 13000 | 3.2 | FF 67 D90L4 |
| 24 | 600 | 58.97 | 9210 | 1.00 | |
| 28 | 510 | 50.10 | 9860 | 1.20 | FA 57 D90L4 |
| 32 | 455 | 44.73 | 9990 | 1.30 | FAF 57 D90L4 |
| 37 | 390 | 38.21 | 9740 | 1.55 | F 57 D90L4 |
| 39 | 365 | 35.79 | 9620 | 1.65 | FF 57 D90L4 |
| 47 | 305 | 30.15 | 9310 | 1.95 | |
| 33 | 435 | 42.86 | 575 | 0.90 | FA 47 D90L4 |
| 39 | 370 | 36.61 | 6300 | 1.10 | FAF 47 D90L4 |
| 41 | 350 | 34.29 | 6580 | 1.15 | F 47 D90L4 |
| 49 | 295 | 28.88 | 6500 | 1.35 | FF 47 D90L4 |
| 46 | 315 | 30.86 | 6550 | 1.30 | |
| 48 | 300 | 29.32 | 6510 | 1.35 | |
| 55 | 260 | 25.72 | 6390 | 1.55 | FA 47 D90L4 |
| 65 | 220 | 21.82 | 6230 | 1.80 | FAF 47 D90L4 |
| 72 | 200 | 19.70 | 6110 | 2.0 | F 47 D90L4 |
| 81 | 176 | 17.33 | 5970 | 2.3 | FF 47 D90L4 |
| 86 | 166 | 16.36 | 5900 | 2.4 | |
| 101 | 142 | 13.93 | 5700 | 2.8 | |
| 69 | 210 | 20.57 | 3410 | 0.95 | |
| 73 | 196 | 19.27 | 3410 | 1.00 | |
| 83 | 173 | 17.03 | 3400 | 1.15 | |
| 98 | 146 | 14.33 | 3350 | 1.35 | |
| 110 | 131 | 12.87 | 3310 | 1.55 | |
| 127 | 113 | 11.08 | 3250 | 1.70 | FA 37 D90L4 |
| 135 | 106 | 10.42 | 3220 | 1.75 | FAF 37 D90L4 |
| 157 | 91 | 8.97 | 3140 | 1.90 | F 37 D90L4 |
| 176 | 81 | 8.01 | 3080 | 2.1 | FF 37 D90L4 |
| 209 | 69 | 6.74 | 2920 | 2.0 | |
| 233 | 62 | 6.05 | 2850 | 2.2 | |
| 271 | 53 | 5.21 | 2770 | 2.4 | |
| 288 | 50 | 4.90 | 2730 | 2.4 | |
| 334 | 43 | 4.22 | 2640 | 2.6 | |
| 374 | 38 | 3.77 | 2570 | 2.7 | |
| **2.2kW** | | | | | |
| 0.98 | 18900 | 1441 | 97500 | 0.95 | FA 157 R97 D100M4 |
| | | | | | FAF 157 R97 D100M4 |
| | | | | | F 157 R97 D100M4 |
| | | | | | FF 157 R97 D100M4 |
| 1.1 | 17600 | 1308 | 101400 | 1.00 | |
| 1.2 | 15700 | 1169 | 106500 | 1.15 | |
| 1.5 | 12700 | 953 | 112800 | 1.40 | |
| 1.7 | 11200 | 845 | 115400 | 1.60 | |
| 1.9 | 10100 | 764 | 117100 | 1.80 | FA 157 R97 D100M4 |
| 2.1 | 9020 | 680 | 118600 | 2.0 | FAF 157 R97 D100M4 |
| 2.5 | 7610 | 576 | 120000 | 2.4 | F 157 R97 D100M4 |
| 3.2 | 5940 | 446 | 120000 | 3.0 | FF 157 R97 D100M4 |
| 4.7 | 4020 | 302 | 120000 | 4.5 | |
| 5.2 | 3630 | 273 | 120000 | 5.0 | |
| 6.1 | 3060 | 232 | 120000 | 5.9 | |
| 7.2 | 2590 | 197 | 120000 | 6.9 | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **2.2kW** | | | | | |
| 1.3 | 14600 | 1077 | 85300 | 0.80 | |
| 1.5 | 12600 | 930 | 89300 | 0.95 | |
| 1.7 | 11100 | 820 | 90000 | 1.10 | FA 127 R77 D100M4 |
| 1.9 | 9830 | 727 | 90000 | 1.20 | FAF 127 R77 D100M4 |
| 2.2 | 8810 | 648 | 90000 | 1.35 | F 127 R77 D100M4 |
| 2.6 | 7460 | 549 | 90000 | 1.60 | FF 127 R77 D100M4 |
| 2.8 | 6720 | 495 | 90000 | 1.80 | |
| 3.3 | 5810 | 428 | 90000 | 2.1 | |
| 2.2 | 8700 | 640 | 47000 | 0.90 | |
| 2.5 | 7580 | 560 | 50100 | 1.00 | FA 107 R77 D100M4 |
| 2.9 | 6610 | 489 | 52500 | 1.15 | FAF 107 R77 D100M4 |
| 3.2 | 5930 | 436 | 54200 | 1.30 | F 107 R77 D100M4 |
| 3.8 | 5030 | 370 | 56300 | 1.55 | FF 107 R77 D100M4 |
| 4.2 | 4520 | 333 | 57300 | 1.70 | |
| 3.9 | 4940 | 363 | 16500 | 0.85 | FA 97 R57 D100M4 |
| 4.9 | 3890 | 285 | 31100 | 1.10 | FAF 97 R57 D100M4 |
| 5.8 | 3340 | 245 | 32500 | 1.30 | F 97 R57 D100M4 |
| | | | | | FF 97 R57 D100M4 |
| 2.8 | 7640 | 254.40 | 49900 | 1.00 | FA 107 D132S8 |
| 3.2 | 6460 | 215.37 | 52900 | 1.20 | FAF 107 D132S8 |
| 3.5 | 5980 | 199.31 | 54100 | 1.30 | F 107 D132S8 |
| 3.9 | 5360 | 178.64 | 55500 | 1.45 | FF 107 D132S8 |
| 3.7 | 5690 | 254.40 | 54800 | 1.35 | FA 107 D112M6 |
| 4.4 | 4810 | 215.37 | 56700 | 1.60 | FAF 107 D112M6 |
| 4.7 | 4450 | 199.31 | 57500 | 1.70 | F 107 D112M6 |
| 5.3 | 3990 | 178.64 | 58400 | 1.90 | FF 107 D112M6 |
| 5.5 | 3790 | 254.40 | 58900 | 2.0 | FA 107 D100M4 |
| 6.6 | 3210 | 215.37 | 60000 | 2.4 | FAF 107 D100M4 |
| 7.1 | 2970 | 199.31 | 60400 | 2.6 | F 107 D100M4 |
| 7.9 | 2660 | 178.64 | 61000 | 2.9 | FF 107 D100M4 |
| 4.2 | 5000 | 223.88 | 12400 | 0.85 | FA 97 D112M6 |
| 4.9 | 4240 | 189.92 | 30100 | 1.00 | FAF 97 D112M6 |
| 5.4 | 3910 | 174.87 | 31000 | 1.10 | F 97 D112M6 |
| 6.0 | 3490 | 156.30 | 32100 | 1.25 | FF 97 D112M6 |
| 5.1 | 4120 | 276.77 | 30400 | 1.05 | |
| 5.6 | 3780 | 253.41 | 31400 | 1.15 | |
| 6.3 | 3340 | 223.88 | 32500 | 1.30 | FA 97 D100M4 |
| 7.4 | 2830 | 189.92 | 33700 | 1.50 | FAF 97 D100M4 |
| 8.1 | 2610 | 174.87 | 34200 | 1.65 | F 97 D100M4 |
| 9.0 | 2330 | 156.30 | 34800 | 1.85 | FF 97 D100M4 |
| 10 | 2100 | 140.71 | 35200 | 2.0 | |
| 11 | 1900 | 127.42 | 35600 | 2.3 | |
| 7.2 | 2940 | 197.20 | 22000 | 1.00 | FA 87 D100M4 |
| 7.8 | 2680 | 179.97 | 24200 | 1.10 | FAF 87 D100M4 |
| 8.8 | 2380 | 159.61 | 25200 | 1.25 | F 87 D100M4 |
| 11 | 2000 | 134.16 | 26400 | 1.50 | FF 87 D100M4 |
| 11 | 1840 | 123.29 | 26900 | 1.65 | |
| 13 | 1630 | 109.49 | 27500 | 1.85 | |
| 14 | 1460 | 97.89 | 27900 | 2.1 | FA 87 D100M4 |
| 16 | 1310 | 88.01 | 28300 | 2.3 | FAF 87 D100M4 |
| 18 | 1140 | 76.39 | 27800 | 2.6 | F 87 D100M4 |
| 21 | 1020 | 68.40 | 27100 | 2.9 | FF 87 D100M4 |
| 25 | 850 | 56.75 | 25900 | 3.5 | |
| 28 | 750 | 50.36 | 25200 | 3.9 | |
| 31 | 675 | 45.28 | 24500 | 4.2 | |
| 12 | 1710 | 114.45 | 14200 | 0.90 | FA 77 D100M4 |
| 13 | 1620 | 108.46 | 14900 | 0.95 | FAF 77 D100M4 |
| 15 | 1410 | 94.93 | 16300 | 1.05 | F 77 D100M4 |
| 16 | 1270 | 85.52 | 17100 | 1.20 | FF 77 D100M4 |
| 19 | 1120 | 75.02 | 17800 | 1.35 | |
| 21 | 990 | 66.46 | 18300 | 1.50 | FA 77 D100M4 |
| 24 | 870 | 58.32 | 18800 | 1.75 | FAF 77 D100M4 |
| 26 | 820 | 55.27 | 18900 | 1.80 | F 77 D100M4 |
| 29 | 720 | 48.37 | 19200 | 2.1 | FF 77 D100M4 |
| 32 | 650 | 43.58 | 19400 | 2.3 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **2.2kW** | | | | | |
| 39 | 545 | 36.58 | 19600 | 2.0 | FA 77 D100M4 |
| 45 | 470 | 31.51 | 19700 | 2.9 | FAF 77 D100M4 |
| 49 | 430 | 28.75 | 19800 | 3.3 | F 77 D100M4 |
| 55 | 380 | 25.50 | 19900 | 4.0 | FF 77 D100M4 |
| 23 | 910 | 61.07 | 9420 | 0.90 | |
| 26 | 800 | 53.73 | 10500 | 1.00 | FA 67 D100M4 |
| 28 | 755 | 50.74 | 10800 | 1.10 | FAF 67 D100M4 |
| 33 | 645 | 43.20 | 11600 | 1.25 | F 67 D100M4 |
| 36 | 585 | 39.26 | 12000 | 1.35 | FF 67 D100M4 |
| 41 | 505 | 34.01 | 12400 | 1.45 | |
| 44 | 480 | 32.08 | 12500 | 1.70 | |
| 51 | 410 | 27.41 | 12800 | 2.0 | FA 67 D100M4 |
| 56 | 375 | 25.13 | 12900 | 2.2 | FAF 67 D100M4 |
| 64 | 330 | 22.05 | 13000 | 2.5 | F 67 D100M4 |
| 67 | 310 | 20.90 | 13000 | 2.6 | FF 67 D100M4 |
| 77 | 275 | 18.29 | 13000 | 3.0 | |
| 32 | 665 | 44.73 | 4480 | 0.90 | FA 57 D100M4 |
| 37 | 570 | 38.21 | 8660 | 1.05 | FAF 57 D100M4 |
| 39 | 535 | 35.79 | 8620 | 1.15 | F 57 D100M4 |
| 47 | 450 | 30.15 | 8460 | 1.30 | FF 57 D100M4 |
| 56 | 370 | 24.96 | 8240 | 1.55 | |
| 67 | 315 | 21.17 | 8020 | 1.90 | FA 57 D100M4 |
| 74 | 285 | 19.11 | 7870 | 2.1 | FAF 57 D100M4 |
| 84 | 250 | 16.81 | 7670 | 2.4 | F 57 D100M4 |
| 89 | 235 | 15.88 | 7580 | 2.5 | FF 57 D100M4 |
| 55 | 385 | 25.72 | 5560 | 1.05 | |
| 65 | 325 | 21.82 | 5520 | 1.25 | |
| 72 | 295 | 19.70 | 5480 | 1.35 | FA 47 D100M4 |
| 81 | 260 | 17.33 | 5410 | 1.55 | FAF 47 D100M4 |
| 86 | 245 | 16.36 | 5370 | 1.65 | F 47 D100M4 |
| 101 | 210 | 13.93 | 5250 | 1.95 | FF 47 D100M4 |
| 111 | 189 | 12.66 | 5170 | 2.1 | |
| 129 | 163 | 10.97 | 5040 | 2.5 | |
| 157 | 133 | 8.96 | 4740 | 2.5 | |
| 98 | 215 | 14.33 | 2790 | 0.95 | |
| 110 | 192 | 12.87 | 2810 | 1.05 | |
| 127 | 165 | 11.08 | 2820 | 1.15 | |
| 135 | 155 | 10.42 | 2810 | 1.20 | |
| 157 | 134 | 8.97 | 2790 | 1.30 | FA 37 D100M4 |
| 176 | 119 | 8.01 | 2770 | 1.40 | FAF 37 D100M4 |
| 209 | 100 | 6.74 | 2630 | 1.40 | F 37 D100M4 |
| 233 | 90 | 6.05 | 2590 | 1.50 | FF 37 D100M4 |
| 271 | 78 | 5.21 | 2540 | 1.60 | |
| 288 | 73 | 4.90 | 2520 | 1.65 | |
| 334 | 63 | 4.22 | 2460 | 1.75 | |
| 374 | 56 | 3.77 | 2400 | 1.85 | |
| **3.0kW** | | | | | |
| 1.2 | 21700 | 1169 | 87200 | 0.85 | |
| 1.5 | 17600 | 953 | 101300 | 1.00 | |
| 1.7 | 15600 | 845 | 106700 | 1.15 | |
| 1.8 | 14100 | 764 | 110100 | 1.30 | FA 157 R97 D100L4 |
| 2.1 | 12500 | 680 | 113200 | 1.45 | FAF 157 R97 D100L4 |
| 2.4 | 10600 | 576 | 116400 | 1.70 | F 157 R97 D100L4 |
| 3.1 | 8250 | 446 | 119500 | 2.2 | FF 157 R97 D100L4 |
| 4.6 | 5580 | 302 | 120000 | 3.2 | |
| 5.1 | 5040 | 273 | 120000 | 3.6 | |
| 6.1 | 4250 | 232 | 120000 | 4.2 | |
| 7.1 | 3610 | 197 | 120000 | 5.0 | |
| 1.9 | 13600 | 727 | 87400 | 0.90 | FA 127 R77 D100L4 |
| 2.2 | 12200 | 648 | 90000 | 1.00 | FAF 127 R77 D100L4 |
| 2.5 | 10300 | 549 | 90000 | 1.15 | F 127 R77 D100L4 |
| 2.8 | 9270 | 495 | 90000 | 1.30 | FF 127 R77 D100L4 |
| 3.2 | 8170 | 436 | 48500 | 0.95 | FA 107 R77 D100L4 |
| 3.8 | 6930 | 370 | 51800 | 1.10 | FAF 107 R77 D100L4 |
| 4.2 | 6240 | 333 | 53500 | 1.25 | F 107 R77 D100L4 |
| 4.8 | 5460 | 291 | 55300 | 1.40 | FF 107 R77 D100L4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **3.0kW** | | | | | |
| 3.7 | 7750 | 245.40 | 49600 | 1.00 | FA **107 D132S6** |
| 4.4 | 6560 | 215.37 | 52700 | 1.15 | FAF **107 D132S6** |
| 4.7 | 6070 | 199.31 | 53900 | 1.25 | F **107 D132S6** |
| 5.3 | 5440 | 178.64 | 55300 | 1.40 | FF **107 D132S6** |
| 5.5 | 5210 | 254.40 | 55900 | 1.50 | FA **107 D100L4** |
| 6.5 | 4410 | 215.37 | 57600 | 1.75 | FAF **107 D100L4** |
| 7.0 | 4080 | 199.31 | 58300 | 1.90 | F **107 D100L4** |
| 7.8 | 3660 | 178.64 | 59100 | 2.1 | FF **107 D100L4** |
| 8.7 | 3300 | 161.28 | 59800 | 2.3 | |
| 6.2 | 4580 | 223.88 | 29000 | 0.95 | FA **97 D100L4** |
| 7.4 | 3890 | 189.92 | 31100 | 1.10 | FAF **97 D100L4** |
| 8.0 | 3580 | 174.87 | 31900 | 1.20 | F **97 D100L4** |
| | | | | | FF **97 D100L4** |
| 9.0 | 3200 | 156.30 | 32800 | 1.35 | |
| 9.9 | 2880 | 140.71 | 33600 | 1.50 | FA **97 D100L4** |
| 11 | 2610 | 127.42 | 34200 | 1.65 | FAF **97 D100L4** |
| 12 | 2310 | 112.99 | 34800 | 1.85 | F **97 D100L4** |
| 14 | 2090 | 102.16 | 35200 | 2.1 | FF **97 D100L4** |
| 16 | 1840 | 89.85 | 35700 | 2.3 | |
| 10 | 2750 | 134.16 | 23900 | 1.10 | FA **87 D100L4** |
| 11 | 2520 | 123.29 | 24700 | 1.20 | FAF **87 D100L4** |
| 13 | 2240 | 109.49 | 25700 | 1.35 | F **87 D100L4** |
| | | | | | FF **87 D100L4** |
| 14 | 2000 | 97.89 | 26400 | 1.50 | |
| 16 | 1800 | 88.01 | 26900 | 1.65 | FA **87 D100L4** |
| 18 | 1560 | 76.39 | 26300 | 1.90 | FAF **87 D100L4** |
| 20 | 1400 | 68.40 | 25700 | 2.1 | F **87 D100L4** |
| 25 | 1160 | 56.75 | 24800 | 2.6 | FF **87 D100L4** |
| 28 | 1030 | 50.36 | 24100 | 2.8 | |
| 16 | 1750 | 85.52 | 13800 | 0.85 | FA **77 D100L4** |
| 19 | 1540 | 75.02 | 15500 | 1.00 | FAF **77 D100L4** |
| 21 | 1360 | 66.46 | 16600 | 1.10 | F **77 D100L4** |
| 24 | 1190 | 58.32 | 17500 | 1.25 | FF **77 D100L4** |
| 25 | 1130 | 55.27 | 17800 | 1.35 | FA **77 D100L4** |
| 29 | 990 | 48.37 | 18300 | 1.50 | FAF **77 D100L4** |
| 32 | 890 | 43.58 | 18700 | 1.70 | F **77 D100L4** |
| 37 | 780 | 38.23 | 19000 | 1.90 | FF **77 D100L4** |
| 38 | 750 | 36.58 | 19100 | 1.50 | FA **77 D100L4** |
| 44 | 645 | 31.51 | 19400 | 2.1 | FAF **77 D100L4** |
| 49 | 590 | 28.75 | 19500 | 2.4 | F **77 D100L4** |
| 55 | 520 | 25.50 | 19700 | 2.9 | FF **77 D100L4** |
| 65 | 440 | 21.43 | 19800 | 3.4 | |
| 32 | 880 | 43.20 | 9690 | 0.95 | FA **67 D100L4** |
| 36 | 800 | 39.26 | 10500 | 0.95 | FAF **67 D100L4** |
| 41 | 695 | 34.01 | 11300 | 1.05 | F **67 D100L4** |
| | | | | | FF **67 D100L4** |
| 44 | 655 | 32.08 | 11600 | 1.25 | |
| 51 | 560 | 27.41 | 12100 | 1.45 | |
| 56 | 515 | 25.13 | 12300 | 1.60 | FA **67 D100L4** |
| 63 | 450 | 22.05 | 12600 | 1.80 | FAF **67 D100L4** |
| 67 | 430 | 20.90 | 12700 | 1.90 | F **67 D100L4** |
| 77 | 375 | 18.29 | 12900 | 2.2 | FF **67 D100L4** |
| 85 | 335 | 16.48 | 13000 | 2.4 | |
| 97 | 295 | 14.46 | 13000 | 2.8 | |
| 56 | 510 | 24.96 | 7440 | 1.15 | |
| 66 | 435 | 21.17 | 7340 | 1.40 | |
| 73 | 390 | 19.11 | 7260 | 1.55 | FA **57 D100L4** |
| 83 | 345 | 16.81 | 7140 | 1.75 | FAF **57 D100L4** |
| 88 | 325 | 15.88 | 7080 | 1.85 | F **57 D100L4** |
| 104 | 275 | 13.52 | 6890 | 2.2 | FF **57 D100L4** |
| 114 | 250 | 12.29 | 6780 | 2.4 | |
| 132 | 220 | 10.64 | 6590 | 2.8 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **3.0kW** | | | | | |
| 71 | 405 | 19.70 | 4750 | 1.00 | |
| 81 | 355 | 17.33 | 4760 | 1.15 | FA **47 D100L4** |
| 86 | 335 | 16.36 | 4760 | 1.20 | FAF **47 D100L4** |
| 100 | 285 | 13.93 | 4740 | 1.40 | F **47 D100L4** |
| 111 | 260 | 12.66 | 4700 | 1.55 | FF **47 D100L4** |
| 128 | 225 | 10.97 | 4640 | 1.80 | |
| 156 | 183 | 8.96 | 4370 | 1.80 | |
| 126 | 225 | 11.08 | 2320 | 0.85 | |
| 134 | 215 | 10.42 | 2350 | 0.85 | |
| 156 | 184 | 8.97 | 2390 | 0.95 | |
| 175 | 164 | 8.01 | 2410 | 1.05 | FA **37 D100L4** |
| 208 | 138 | 6.74 | 2290 | 1.00 | FAF **37 D100L4** |
| 231 | 124 | 6.05 | 2300 | 1.10 | F **37 D100L4** |
| 269 | 107 | 5.21 | 2290 | 1.15 | FF **37 D100L4** |
| 286 | 100 | 4.90 | 2280 | 1.20 | |
| 332 | 86 | 4.22 | 2250 | 1.25 | |
| 372 | 77 | 3.77 | 2220 | 1.35 | |
| **4.0kW** | | | | | |
| 1.7 | 20600 | 845 | 91500 | 0.85 | |
| 1.9 | 18600 | 764 | 98300 | 0.95 | |
| 2.1 | 16600 | 680 | 104200 | 1.10 | FA **157 R97 D112M4** |
| 2.5 | 14000 | 576 | 110300 | 1.30 | FAF **157 R97 D112M4** |
| 3.2 | 10900 | 446 | 115900 | 1.65 | F **157 R97 D112M4** |
| 4.7 | 7390 | 302 | 120000 | 2.4 | FF **157 R97 D112M4** |
| 5.2 | 6670 | 273 | 120000 | 2.7 | |
| 6.1 | 5640 | 232 | 120000 | 3.2 | |
| 7.2 | 4780 | 197 | 120000 | 3.8 | |
| 2.6 | 13600 | 549 | 87400 | 0.90 | FA **127 R77 D112M4** |
| 2.9 | 12200 | 495 | 90000 | 1.00 | FAF **127 R77 D112M4** |
| 3.3 | 10600 | 428 | 90000 | 1.15 | F **127 R77 D112M4** |
| 3.8 | 9270 | 376 | 90000 | 1.30 | FF **127 R77 D112M4** |
| 4.3 | 8230 | 333 | 48300 | 0.95 | FA **107 R77 D112M4** |
| 4.9 | 7190 | 291 | 51100 | 1.05 | FAF **107 R77 D112M4** |
| 5.6 | 6310 | 255 | 53300 | 1.20 | F **107 R77 D112M4** |
| | | | | | FF **107 R77 D112M4** |
| 4.2 | 9060 | 170.83 | 90000 | 1.30 | FA **127 D132ML8** |
| 4.7 | 8150 | 153.67 | 90000 | 1.45 | FAF **127 D132ML8** |
| 5.7 | 6650 | 125.37 | 90000 | 1.80 | F **127 D132ML8** |
| | | | | | FF **127 D132ML8** |
| 5.6 | 6840 | 254.40 | 52000 | 1.10 | |
| 6.6 | 5790 | 215.37 | 54500 | 1.35 | |
| 7.1 | 5360 | 199.31 | 55500 | 1.45 | FA **107 D112M4** |
| 7.9 | 4810 | 178.64 | 56700 | 1.60 | FAF **107 D112M4** |
| 8.8 | 4340 | 161.28 | 57700 | 1.75 | F **107 D112M4** |
| 9.7 | 3940 | 146.49 | 58500 | 1.95 | FF **107 D112M4** |
| 11 | 3500 | 129.97 | 59400 | 2.2 | |
| 12 | 3170 | 117.94 | 60100 | 2.4 | |
| 14 | 2730 | 101.38 | 60900 | 2.8 | |
| 8.1 | 4700 | 174.87 | 26600 | 0.90 | FA **97 D112M4** |
| 9.1 | 4200 | 156.30 | 30200 | 1.00 | FAF **97 D112M4** |
| 10 | 3780 | 140.71 | 31400 | 1.15 | F **97 D112M4** |
| 11 | 3430 | 127.42 | 32300 | 1.25 | FF **97 D112M4** |
| 13 | 3040 | 112.99 | 33200 | 1.40 | |
| 14 | 2750 | 102.16 | 33900 | 1.55 | FA **97 D112M4** |
| 15 | 2620 | 97.58 | 34100 | 1.65 | FAF **97 D112M4** |
| 16 | 2420 | 89.85 | 34600 | 1.80 | F **97 D112M4** |
| 18 | 2160 | 80.31 | 35100 | 2.0 | FF **97 D112M4** |
| 20 | 1940 | 72.29 | 35500 | 2.2 | |
| 22 | 1760 | 65.47 | 35800 | 2.4 | |
| 13 | 2950 | 109.49 | 21700 | 1.00 | FA **87 D112M4** |
| 15 | 2630 | 97.89 | 24300 | 1.15 | FAF **87 D112M4** |
| 16 | 2370 | 88.01 | 24600 | 1.25 | F **87 D112M4** |
| | | | | | FF **87 D112M4** |
| 19 | 2050 | 76.39 | 24200 | 1.45 | FA **87 D112M4** |
| 21 | 1840 | 68.40 | 23900 | 1.65 | FAF **87 D112M4** |
| 25 | 1530 | 56.75 | 23200 | 1.95 | F **87 D112M4** |
| 28 | 1350 | 50.36 | 22800 | 2.2 | FF **87 D112M4** |
| 31 | 1220 | 45.28 | 22300 | 2.3 | |





| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **4.0kW** | | | | | |
| 21 | 1790 | 66.46 | 13400 | 0.85 | FA **77 D112M4** |
| 24 | 1570 | 58.32 | 15200 | 0.95 | FAF **77 D112M4** |
| 26 | 1490 | 55.27 | 15800 | 1.00 | F **77 D112M4** |
| 29 | 1300 | 48.37 | 16900 | 1.15 | FF **77 D112M4** |
| 33 | 1170 | 43.58 | 17600 | 1.30 | FA **77 D112M4** |
| 37 | 1030 | 38.23 | 18200 | 1.45 | FAF **77 D112M4** |
| 42 | 910 | 33.74 | 18600 | 1.65 | F **77 D112M4** |
| 47 | 800 | 29.91 | 19000 | 1.85 | FF **77 D112M4** |
| 56 | 685 | 25.54 | 19300 | 2.1 | |
| 45 | 850 | 31.51 | 18800 | 1.65 | FA **77 D112M4** |
| 49 | 775 | 28.75 | 19100 | 1.85 | FAF **77 D112M4** |
| 56 | 685 | 25.50 | 19300 | 2.2 | F **77 D112M4** |
| 66 | 575 | 21.43 | 19500 | 2.6 | FF **77 D112M4** |
| 72 | 530 | 19.70 | 19600 | 2.8 | |
| 52 | 735 | 27.41 | 11000 | 1.10 | |
| 57 | 675 | 25.13 | 11400 | 1.20 | |
| 64 | 595 | 22.05 | 11900 | 1.40 | |
| 68 | 560 | 20.90 | 12100 | 1.45 | |
| 78 | 490 | 18.29 | 12400 | 1.65 | |
| 86 | 445 | 16.48 | 12700 | 1.85 | |
| 98 | 390 | 14.46 | 12900 | 2.1 | |
| 111 | 345 | 12.76 | 13000 | 2.4 | FA **67 D112M4** |
| 126 | 305 | 11.31 | 13000 | 2.7 | FAF **67 D112M4** |
| 147 | 260 | 9.66 | 13000 | 3.2 | F **67 D112M4** |
| 156 | 245 | 9.08 | 13000 | 2.2 | FF **67 D112M4** |
| 165 | 230 | 8.60 | 12800 | 2.5 | |
| 189 | 205 | 7.53 | 12400 | 3.0 | |
| 209 | 183 | 6.78 | 12100 | 3.4 | |
| 239 | 160 | 5.95 | 11700 | 3.8 | |
| 270 | 141 | 5.25 | 11400 | 4.2 | |
| 305 | 125 | 4.66 | 11000 | 4.5 | |
| 357 | 107 | 3.97 | 10600 | 4.7 | |
| 67 | 570 | 21.17 | 6490 | 1.05 | |
| 74 | 515 | 19.11 | 6490 | 1.15 | |
| 84 | 450 | 16.81 | 6450 | 1.35 | |
| 89 | 425 | 15.88 | 6430 | 1.40 | |
| 105 | 365 | 13.52 | 6340 | 1.65 | FA **57 D112M4** |
| 116 | 330 | 12.29 | 6270 | 1.80 | FAF **57 D112M4** |
| 133 | 285 | 10.64 | 6150 | 2.1 | F **57 D112M4** |
| 153 | 250 | 9.31 | 5850 | 1.70 | FF **57 D112M4** |
| 173 | 220 | 8.19 | 5730 | 1.90 | |
| 184 | 210 | 7.73 | 5680 | 2.0 | |
| 216 | 177 | 6.58 | 5510 | 2.4 | |
| 237 | 161 | 5.98 | 5410 | 2.6 | |
| 274 | 139 | 5.18 | 5250 | 3.0 | |
| **5.5kW** | | | | | |
| 2.5 | 19300 | 576 | 96300 | 0.95 | |
| 2.8 | 16800 | 503 | 103600 | 1.05 | |
| 3.2 | 15000 | 446 | 108200 | 1.20 | |
| 4.1 | 11800 | 353 | 114500 | 1.55 | FA **157 R97 D132S4** |
| 4.7 | 10100 | 302 | 117100 | 1.80 | FAF **157 R97 D132S4** |
| 5.2 | 9160 | 273 | 118400 | 1.95 | F **157 R97 D132S4** |
| 6.2 | 7750 | 232 | 120000 | 2.3 | FF **157 R97 D132S4** |
| 7.1 | 6750 | 202 | 120000 | 2.7 | |
| 7.3 | 6570 | 197 | 120000 | 2.7 | |
| 3.4 | 14000 | 418 | 86500 | 0.85 | |
| 3.8 | 12600 | 374 | 89400 | 0.95 | FA **127 R87 D132S4** |
| 4.6 | 10500 | 312 | 90000 | 1.15 | FAF **127 R87 D132S4** |
| 4.9 | 9840 | 293 | 90000 | 1.20 | F **127 R87 D132S4** |
| 5.5 | 8680 | 259 | 90000 | 1.40 | FF **127 R87 D132S4** |
| 6.4 | 7500 | 223 | 90000 | 1.60 | |
| 3.3 | 14500 | 428 | 85600 | 0.85 | FA **127 R77 D132S4** |
| 3.8 | 12700 | 376 | 89100 | 0.95 | FAF **127 R77 D132S4** |
| | | | | | F **127 R77 D132S4** |
| | | | | | FF **127 R77 D132S4** |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **5.5kW** | | | | | |
| 2.7 | 19800 | 267.43 | 94600 | 0.90 | |
| 3.3 | 16100 | 217.62 | 105500 | 1.10 | |
| 4.0 | 13200 | 178.20 | 111900 | 1.35 | |
| 4.4 | 12100 | 162.96 | 114000 | 1.50 | FA **157 D160M8** |
| 5.0 | 10500 | 141.80 | 116600 | 1.70 | FAF **157 D160M8** |
| 5.7 | 9260 | 125.14 | 118300 | 1.95 | F **157 D160M8** |
| 6.5 | 8030 | 108.49 | 119700 | 2.2 | FF **157 D160M8** |
| 7.4 | 7140 | 96.53 | 120000 | 2.5 | |
| 8.3 | 6350 | 85.80 | 120000 | 2.8 | |
| 9.1 | 5800 | 78.46 | 120000 | 3.1 | |
| 10 | 5050 | 68.28 | 120000 | 3.6 | |
| 4.2 | 12600 | 170.83 | 89200 | 0.95 | FA **127 D160M8** |
| 4.6 | 11400 | 153.67 | 90000 | 1.05 | FAF **127 D160M8** |
| 5.7 | 9270 | 125.37 | 90000 | 1.30 | F **127 D160M8** |
| 6.2 | 8460 | 114.34 | 90000 | 1.40 | FF **127 D160M8** |
| 6.6 | 7910 | 215.37 | 49200 | 0.95 | FA **107 D132S4** |
| 7.2 | 7320 | 199.31 | 50800 | 1.05 | FAF **107 D132S4** |
| 8.0 | 6560 | 178.64 | 52700 | 1.15 | F **107 D132S4** |
| 8.9 | 5920 | 161.28 | 54200 | 1.30 | FF **107 D132S4** |
| 9.8 | 5380 | 146.49 | 55500 | 1.45 | |
| 11 | 4770 | 129.97 | 56800 | 1.60 | FA **107 D132S4** |
| 12 | 4330 | 117.94 | 57700 | 1.75 | FAF **107 D132S4** |
| 14 | 3720 | 101.38 | 59000 | 2.1 | F **107 D132S4** |
| 15 | 3400 | 92.47 | 59600 | 2.3 | FF **107 D132S4** |
| 16 | 3250 | 88.49 | 59900 | 2.4 | |
| 17 | 3080 | 83.99 | 60200 | 2.5 | |
| 11 | 4680 | 127.42 | 27400 | 0.90 | FA **97 D132S4** |
| 13 | 4150 | 112.99 | 30300 | 1.05 | FAF **97 D132S4** |
| 14 | 3750 | 102.16 | 31400 | 1.15 | F **97 D132S4** |
| | | | | | FF **97 D132S4** |
| 15 | 3580 | 97.58 | 31900 | 1.20 | |
| 16 | 3300 | 89.85 | 32600 | 1.30 | |
| 17 | 3180 | 86.59 | 32900 | 1.35 | FA **97 D132S4** |
| 18 | 2950 | 80.31 | 33400 | 1.45 | FAF **97 D132S4** |
| 19 | 2780 | 75.63 | 33800 | 1.55 | F **97 D132S4** |
| 20 | 2660 | 72.29 | 34100 | 1.60 | FF **97 D132S4** |
| 22 | 2400 | 65.47 | 34600 | 1.80 | |
| 25 | 2130 | 58.06 | 34500 | 2.0 | |
| 27 | 1930 | 52.49 | 33900 | 2.2 | |
| 16 | 3230 | 88.01 | 5760 | 0.95 | FA **87 D132S4** |
| 19 | 2810 | 76.39 | 21200 | 1.05 | FAF **87 D132S4** |
| 21 | 2510 | 68.40 | 21200 | 1.20 | F **87 D132S4** |
| 25 | 2080 | 56.75 | 21000 | 1.45 | FF **87 D132S4** |
| 28 | 1850 | 50.36 | 20800 | 1.60 | FA **87 D132S4** |
| 32 | 1660 | 45.28 | 20500 | 1.70 | FAF **87 D132S4** |
| 36 | 1440 | 39.30 | 20100 | 1.90 | F **87 D132S4** |
| 41 | 1290 | 35.19 | 19800 | 2.0 | FF **87 D132S4** |
| 49 | 1070 | 29.20 | 19100 | 2.3 | |
| 42 | 1250 | 33.92 | 19700 | 2.1 | FA **87 D132S4** |
| 50 | 1060 | 28.78 | 19100 | 2.3 | FAF **87 D132S4** |
| 54 | 970 | 26.50 | 18800 | 3.1 | F **87 D132S4** |
| 60 | 870 | 23.68 | 18400 | 3.5 | FF **87 D132S4** |
| 30 | 1780 | 48.37 | 13500 | 0.85 | |
| 33 | 1600 | 43.58 | 15000 | 0.95 | FA **77 D132S4** |
| 37 | 1400 | 38.23 | 16300 | 1.05 | FAF **77 D132S4** |
| 42 | 1240 | 33.74 | 17300 | 1.20 | F **77 D132S4** |
| 48 | 1100 | 29.91 | 17900 | 1.35 | FF **77 D132S4** |
| 56 | 940 | 25.54 | 18500 | 1.55 | |
| 56 | 940 | 25.50 | 18500 | 1.60 | |
| 67 | 785 | 21.43 | 19000 | 1.90 | FA **77 D132S4** |
| 73 | 725 | 19.70 | 19200 | 2.1 | FAF **77 D132S4** |
| 82 | 645 | 17.49 | 19400 | 2.3 | F **77 D132S4** |
| 91 | 575 | 15.64 | 19600 | 2.6 | FF **77 D132S4** |
| 102 | 515 | 14.06 | 19300 | 2.9 | |
| 117 | 450 | 12.20 | 18600 | 3.3 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **5.5kW** | | | | | | | |
| 65 | 810 | 22.05 | 10400 | 1.00 | | | |
| 68 | 770 | 20.90 | 10800 | 1.05 | | | |
| 78 | 670 | 18.29 | 11500 | 1.20 | | | |
| 87 | 605 | 16.48 | 11900 | 1.35 | | | |
| 99 | 530 | 14.46 | 12300 | 1.55 | | | |
| 112 | 470 | 12.76 | 12500 | 1.75 | | | |
| 126 | 415 | 11.31 | 12800 | 1.95 | FA | 67 | D132S4 |
| 148 | 355 | 9.66 | 12900 | 2.3 | FAF | 67 | D132S4 |
| 158 | 335 | 9.08 | 12400 | 1.60 | F | 67 | D132S4 |
| 166 | 315 | 8.60 | 12300 | 1.80 | FF | 67 | D132S4 |
| 190 | 275 | 7.53 | 12000 | 2.2 | | | |
| 211 | 250 | 6.78 | 11700 | 2.5 | | | |
| 240 | 220 | 5.95 | 11400 | 2.8 | | | |
| 272 | 193 | 5.25 | 11100 | 3.1 | | | |
| 307 | 171 | 4.66 | 10700 | 3.3 | | | |
| 360 | 146 | 3.97 | 10300 | 3.4 | | | |
| 85 | 620 | 16.81 | 5450 | 0.95 | | | |
| 90 | 585 | 15.88 | 5480 | 1.05 | | | |
| 106 | 495 | 13.52 | 5530 | 1.20 | | | |
| 116 | 450 | 12.29 | 5530 | 1.35 | FA | 57 | D132S4 |
| 134 | 390 | 10.64 | 5510 | 1.55 | FAF | 57 | D132S4 |
| 175 | 300 | 8.19 | 5190 | 1.40 | F | 57 | D132S4 |
| 185 | 285 | 7.73 | 5160 | 1.50 | FF | 57 | D132S4 |
| 217 | 240 | 6.58 | 5070 | 1.75 | | | |
| 239 | 220 | 5.98 | 5010 | 1.90 | | | |
| 276 | 190 | 5.18 | 4900 | 2.2 | | | |
| **7.5kW** | | | | | | | |
| 4.6 | 14300 | 312 | 85900 | 0.85 | FA | 127 R87 | D132M4 |
| 4.9 | 13500 | 293 | 87600 | 0.90 | FAF | 127 R87 | D132M4 |
| 5.5 | 11900 | 259 | 90000 | 1.00 | F | 127 R87 | D132M4 |
| 6.4 | 10300 | 223 | 90000 | 1.15 | FF | 127 R87 | D132M4 |
| 7.2 | 9080 | 198 | 90000 | 1.30 | | | |
| 3.3 | 21600 | 217.62 | 87600 | 0.85 | | | |
| 4.0 | 17700 | 178.20 | 101100 | 1.00 | | | |
| 4.4 | 16200 | 162.96 | 105200 | 1.10 | | | |
| 5.1 | 14100 | 141.80 | 110100 | 1.30 | | | |
| 5.8 | 12400 | 125.14 | 113300 | 1.45 | | | |
| 6.6 | 10800 | 108.49 | 116100 | 1.65 | FA | 157 | D160L8 |
| 7.5 | 9600 | 96.53 | 117800 | 1.85 | FAF | 157 | D160L8 |
| 8.4 | 8530 | 85.80 | 119200 | 2.1 | F | 157 | D160L8 |
| 9.2 | 7810 | 78.46 | 120000 | 2.3 | FF | 157 | D160L8 |
| 11 | 6790 | 68.28 | 120000 | 2.7 | | | |
| 12 | 5990 | 60.25 | 120000 | 3.0 | | | |
| 14 | 5200 | 52.24 | 120000 | 3.5 | | | |
| 15 | 4620 | 46.48 | 120000 | 3.9 | | | |
| 18 | 3980 | 40.06 | 120000 | 4.5 | | | |
| 3.6 | 20000 | 267.43 | 94000 | 0.90 | | | |
| 4.4 | 16200 | 217.62 | 105100 | 1.10 | | | |
| 5.4 | 13300 | 178.20 | 111700 | 1.35 | | | |
| 5.9 | 12200 | 162.96 | 113800 | 1.50 | | | |
| 6.8 | 10600 | 141.80 | 116400 | 1.70 | FA | 157 | D160M6 |
| 7.7 | 9340 | 125.14 | 118200 | 1.95 | FAF | 157 | D160M6 |
| 8.9 | 8090 | 108.49 | 119700 | 2.2 | F | 157 | D160M6 |
| 9.9 | 7200 | 96.53 | 120000 | 2.5 | FF | 157 | D160M6 |
| 11 | 6400 | 85.80 | 120000 | 2.8 | | | |
| 12 | 5850 | 78.46 | 120000 | 3.1 | | | |
| 14 | 5090 | 68.28 | 120000 | 3.5 | | | |
| 16 | 4500 | 60.25 | 120000 | 4.0 | | | |
| 18 | 3900 | 52.24 | 193000 | 4.6 | | | |
| 5.7 | 12500 | 125.37 | 89500 | 0.95 | FA | 127 | D160L8 |
| 6.3 | 11400 | 114.34 | 90000 | 1.05 | FAF | 127 | D160L8 |
| 7.3 | 9840 | 98.95 | 90000 | 1.20 | F | 127 | D160L8 |
| 8.2 | 8690 | 87.31 | 90000 | 1.40 | FF | 127 | D160L8 |
| 5.6 | 12700 | 170.83 | 89000 | 0.95 | FA | 127 | D160M6 |
| 6.2 | 11500 | 153.67 | 90000 | 1.05 | FAF | 127 | D160M6 |
| 7.7 | 9350 | 125.37 | 90000 | 1.30 | F | 127 | D160M6 |
| 8.4 | 8530 | 114.34 | 90000 | 1.40 | FF | 127 | D 160M6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **7.5kW** | | | | | | | |
| 8.4 | 8560 | 170.83 | 90000 | 1.40 | FA | 127 | D132M4 |
| 9.3 | 7700 | 153.67 | 90000 | 1.55 | FAF | 127 | D132M4 |
| 11 | 6280 | 125.37 | 90000 | 1.90 | F | 127 | D132M4 |
| | | | | | FF | 127 | D132M4 |
| 8.0 | 8950 | 178.64 | 46300 | 0.85 | FA | 107 | D132M4 |
| 8.9 | 8080 | 161.28 | 48700 | 0.95 | FAF | 107 | D132M4 |
| 9.8 | 7340 | 146.49 | 50700 | 1.05 | F | 107 | D132M4 |
| 11 | 6510 | 129.97 | 52800 | 1.20 | FF | 107 | D132M4 |
| 12 | 5910 | 117.94 | 54200 | 1.30 | | | |
| 14 | 5080 | 101.38 | 56100 | 1.50 | FA | 107 | D132M4 |
| 15 | 4630 | 92.47 | 57100 | 1.65 | FAF | 107 | D132M4 |
| 16 | 4430 | 88.49 | 57500 | 1.75 | F | 107 | D132M4 |
| 17 | 4210 | 83.99 | 58000 | 1.85 | FF | 107 | D132M4 |
| 19 | 3730 | 74.52 | 59000 | 2.1 | | | |
| 21 | 3390 | 67.62 | 59600 | 2.3 | | | |
| 15 | 4890 | 97.58 | 19300 | 0.90 | | | |
| 16 | 4500 | 89.85 | 29300 | 0.95 | FA | 97 | D132M4 |
| 17 | 4340 | 86.59 | 29800 | 1.00 | FAF | 97 | D132M4 |
| 18 | 4020 | 80.31 | 30700 | 1.05 | F | 97 | D132M4 |
| 19 | 3790 | 75.63 | 31300 | 1.15 | FF | 97 | D132M4 |
| 20 | 3620 | 72.29 | 31800 | 1.20 | | | |
| 22 | 3280 | 65.47 | 32200 | 1.30 | | | |
| 25 | 2910 | 58.06 | 31800 | 1.50 | FA | 97 | D132M4 |
| 27 | 2630 | 52.49 | 31400 | 1.65 | FAF | 97 | D132M4 |
| 32 | 2230 | 44.49 | 30600 | 1.95 | F | 97 | D132M4 |
| 37 | 1950 | 38.86 | 29900 | 2.2 | FF | 97 | D132M4 |
| 44 | 1630 | 32.50 | 28900 | 2.6 | | | |
| 33 | 2170 | 43.28 | 30500 | 1.40 | FA | 97 | D132M4 |
| 39 | 1840 | 36.64 | 29600 | 1.65 | FAF | 97 | D132M4 |
| 42 | 1700 | 33.91 | 29200 | 2.5 | F | 97 | D132M4 |
| 47 | 1520 | 30.39 | 28500 | 2.8 | FF | 97 | D132M4 |
| 25 | 2840 | 56.75 | 18100 | 1.05 | | | |
| 28 | 2520 | 50.36 | 18200 | 1.15 | FA | 87 | D132M4 |
| 32 | 2270 | 45.28 | 18200 | 1.25 | FAF | 87 | D132M4 |
| 36 | 1970 | 39.30 | 18100 | 1.40 | F | 87 | D132M4 |
| 41 | 1760 | 35.19 | 18000 | 1.50 | FF | 87 | D132M4 |
| 49 | 1460 | 29.20 | 17600 | 1.70 | | | |
| 50 | 1440 | 28.78 | 17600 | 1.70 | | | |
| 54 | 1330 | 26.50 | 17400 | 2.3 | FA | 87 | D132M4 |
| 60 | 1190 | 23.68 | 17100 | 2.5 | FAF | 87 | D132M4 |
| 67 | 1070 | 21.32 | 16800 | 2.8 | F | 87 | D132M4 |
| 74 | 970 | 19.31 | 16500 | 3.1 | FF | 87 | D132M4 |
| 84 | 860 | 17.12 | 16200 | 3.5 | | | |
| 92 | 775 | 15.48 | 15900 | 3.9 | | | |
| 42 | 1690 | 33.74 | 14300 | 0.90 | FA | 77 | D132M4 |
| 48 | 1500 | 29.91 | 15700 | 1.00 | FAF | 77 | D132M4 |
| 56 | 1280 | 25.54 | 17000 | 1.15 | F | 77 | D132M4 |
| | | | | | FF | 77 | D132M4 |
| 56 | 1280 | 25.50 | 17100 | 1.15 | | | |
| 67 | 1070 | 21.43 | 18000 | 1.40 | | | |
| 73 | 990 | 19.70 | 18400 | 1.50 | | | |
| 82 | 880 | 17.49 | 18800 | 1.70 | | | |
| 91 | 785 | 15.64 | 19000 | 1.90 | | | |
| 102 | 705 | 14.06 | 18600 | 2.1 | FA | 77 | D132M4 |
| 117 | 610 | 12.20 | 18000 | 2.5 | FAF | 77 | D132M4 |
| 131 | 545 | 10.93 | 17600 | 2.7 | F | 77 | D132M4 |
| 154 | 465 | 9.30 | 16500 | 2.3 | FF | 77 | D132M4 |
| 173 | 415 | 8.26 | 16100 | 2.6 | | | |
| 194 | 370 | 7.39 | 15700 | 2.9 | | | |
| 215 | 335 | 6.64 | 15300 | 3.2 | | | |
| 248 | 290 | 5.76 | 14800 | 3.7 | | | |
| 277 | 260 | 5.16 | 14500 | 4.2 | | | |
| 334 | 215 | 4.28 | 13800 | 4.7 | | | |





| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **9.2kW** | | | | | | | |
| 4.1 | 19700 | 353 | 94800 | 0.90 | | | |
| 4.8 | 16900 | 302 | 103300 | 1.05 | FA | 157 R97 | D132ML4 |
| 5.3 | 15300 | 273 | 107400 | 1.20 | FAF | 157 R97 | D132ML4 |
| 6.2 | 13000 | 232 | 112400 | 1.40 | F | 157 R97 | D132ML4 |
| 7.1 | 11300 | 202 | 115300 | 1.60 | FF | 157 R97 | D132ML4 |
| 7.3 | 11000 | 197 | 115800 | 1.65 | | | |
| 5.6 | 14500 | 259 | 85600 | 0.85 | FA | 127 R87 | D132ML4 |
| 6.4 | 12500 | 223 | 89400 | 0.95 | FAF | 127 R87 | D132ML4 |
| 7.3 | 11100 | 198 | 90000 | 1.10 | F | 127 R87 | D132ML4 |
| | | | | | FF | 127 R87 | D132ML4 |
| 8.4 | 10400 | 170.83 | 90000 | 1.15 | FA | 127 | D132ML4 |
| 9.4 | 9380 | 153.67 | 90000 | 1.30 | FAF | 127 | D132ML4 |
| 11 | 7650 | 125.37 | 90000 | 1.55 | F | 127 | D132ML4 |
| 13 | 6980 | 114.34 | 90000 | 1.70 | FF | 127 | D132ML4 |
| 15 | 6040 | 98.95 | 90000 | 2.0 | | | |
| 9.8 | 8940 | 146.49 | 46300 | 0.85 | FA | 107 | D132ML4 |
| 11 | 7930 | 129.97 | 49100 | 0.95 | FAF | 107 | D132ML4 |
| 12 | 7200 | 117.94 | 51100 | 1.05 | F | 107 | D132ML4 |
| 14 | 6180 | 101.38 | 53600 | 1.25 | FF | 107 | D132ML4 |
| 16 | 5640 | 92.47 | 54900 | 1.35 | | | |
| 17 | 5120 | 83.99 | 56000 | 1.50 | FA | 107 | D132ML4 |
| 19 | 4550 | 74.52 | 57300 | 1.70 | FAF | 107 | D132ML4 |
| 21 | 4130 | 67.62 | 58200 | 1.85 | F | 107 | D132ML4 |
| 25 | 3550 | 58.12 | 58300 | 2.2 | FF | 107 | D132ML4 |
| 28 | 3100 | 50.73 | 56800 | 2.5 | | | |
| 18 | 4900 | 80.31 | 18700 | 0.90 | FA | 97 | D132ML4 |
| 19 | 4610 | 75.63 | 28900 | 0.95 | FAF | 97 | D132ML4 |
| 20 | 4410 | 72.29 | 29600 | 0.95 | F | 97 | D132ML4 |
| 22 | 3990 | 65.47 | 29600 | 1.10 | FF | 97 | D132ML4 |
| 25 | 3540 | 58.06 | 29500 | 1.20 | | | |
| 27 | 3200 | 52.49 | 29300 | 1.35 | FA | 97 | D132ML4 |
| 32 | 2710 | 44.49 | 28800 | 1.60 | FAF | 97 | D132ML4 |
| 37 | 2370 | 38.86 | 28400 | 1.80 | F | 97 | D132ML4 |
| 44 | 1980 | 32.50 | 27600 | 2.2 | FF | 97 | D132ML4 |
| 42 | 2070 | 33.91 | 27800 | 2.1 | FA | 97 | D132ML4 |
| 47 | 1850 | 30.39 | 27300 | 2.3 | FAF | 97 | D132ML4 |
| 52 | 1670 | 27.44 | 26800 | 2.6 | F | 97 | D132ML4 |
| 58 | 1520 | 24.92 | 26300 | 2.8 | FF | 97 | D132ML4 |
| 29 | 3070 | 50.36 | 16000 | 0.95 | FA | 87 | D132ML4 |
| 32 | 2760 | 45.28 | 16200 | 1.00 | FAF | 87 | D132ML4 |
| 37 | 2400 | 39.30 | 16400 | 1.15 | F | 87 | D132ML4 |
| 41 | 2150 | 35.19 | 16400 | 1.20 | FF | 87 | D132ML4 |
| 49 | 1780 | 29.20 | 16300 | 1.40 | | | |
| 54 | 1620 | 26.50 | 16200 | 1.85 | | | |
| 61 | 1440 | 23.68 | 16100 | 2.1 | FA | 87 | D132ML4 |
| 68 | 1300 | 21.32 | 15900 | 2.3 | FAF | 87 | D132ML4 |
| 75 | 1180 | 19.31 | 15700 | 2.5 | F | 87 | D132ML4 |
| 84 | 1040 | 17.12 | 15400 | 2.9 | FF | 87 | D132ML4 |
| 93 | 940 | 15.48 | 15200 | 3.2 | | | |
| 110 | 800 | 13.12 | 14700 | 3.8 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **9.2kW** | | | | | | | |
| 73 | 1200 | 19.70 | 17400 | 1.25 | | | |
| 82 | 1070 | 17.49 | 18000 | 1.40 | | | |
| 92 | 950 | 15.64 | 18300 | 1.55 | | | |
| 102 | 860 | 14.06 | 18000 | 1.75 | | | |
| 118 | 745 | 12.20 | 17500 | 2.0 | FA | 77 | D132ML4 |
| 132 | 665 | 10.93 | 17100 | 2.2 | FAF | 77 | D132ML4 |
| 155 | 570 | 9.30 | 16000 | 1.90 | F | 77 | D132ML4 |
| 174 | 505 | 8.26 | 15600 | 2.1 | FF | 77 | D132ML4 |
| 195 | 450 | 7.39 | 15300 | 2.4 | | | |
| 217 | 405 | 6.64 | 15000 | 2.7 | | | |
| 250 | 350 | 5.76 | 14500 | 3.1 | | | |
| 279 | 315 | 5.16 | 14200 | 3.4 | | | |
| 336 | 260 | 4.28 | 13600 | 3.9 | | | |
| **11.0kW** | | | | | | | |
| 4.8 | 20300 | 302 | 92800 | 0.90 | FA | 157 R97 | D160M4 |
| 5.3 | 18300 | 273 | 99300 | 1.00 | FAF | 157 R97 | D160M4 |
| 6.2 | 15500 | 232 | 106900 | 1.15 | F | 157 R97 | D160M4 |
| 7.1 | 13500 | 202 | 111200 | 1.35 | FF | 157 R97 | D160M4 |
| 7.3 | 13200 | 197 | 112000 | 1.35 | | | |
| 6.4 | 15000 | 223 | 84500 | 0.80 | FA | 127 R87 | D160M4 |
| 7.3 | 13300 | 198 | 88000 | 0.90 | FAF | 127 R87 | D160M4 |
| 8.7 | 11100 | 166 | 90000 | 1.00 | F | 127 R87 | D160M4 |
| | | | | | FF | 127 R87 | D160M4 |
| 5.1 | 20700 | 141.80 | 91300 | 0.85 | FA | 157 | D180L8 |
| 5.8 | 18300 | 125.14 | 99500 | 1.00 | FAF | 157 | D180L8 |
| 6.6 | 15800 | 108.49 | 106100 | 1.15 | F | 157 | D180L8 |
| 7.5 | 14100 | 96.53 | 110100 | 1.30 | FF | 157 | D180L8 |
| 5.4 | 19500 | 178.20 | 95500 | 0.90 | | | |
| 5.9 | 17800 | 162.96 | 100800 | 1.00 | | | |
| 6.8 | 15500 | 141.80 | 106900 | 1.15 | FA | 157 | D160L6 |
| 7.7 | 13700 | 125.14 | 110900 | 1.30 | FAF | 157 | D160L6 |
| 8.9 | 11900 | 108.49 | 114300 | 1.50 | F | 157 | D160L6 |
| 9.9 | 10600 | 96.53 | 116400 | 1.70 | FF | 157 | D160L6 |
| 11 | 9390 | 85.80 | 118100 | 1.90 | | | |
| 12 | 8590 | 78.46 | 119100 | 2.1 | | | |
| 5.4 | 19500 | 267.43 | 95500 | 0.90 | | | |
| 6.6 | 15900 | 217.62 | 106000 | 1.15 | | | |
| 8.1 | 13000 | 178.20 | 112300 | 1.40 | | | |
| 8.8 | 11900 | 162.96 | 114300 | 1.50 | FA | 157 | D160M4 |
| 10 | 10300 | 141.80 | 116800 | 1.75 | FAF | 157 | D160M4 |
| 12 | 9130 | 125.14 | 118400 | 1.95 | F | 157 | D160M4 |
| 13 | 7910 | 108.49 | 119900 | 2.3 | FF | 157 | D160M4 |
| 15 | 7040 | 96.53 | 120000 | 2.6 | | | |
| 17 | 6260 | 85.80 | 118100 | 2.9 | | | |
| 18 | 5720 | 78.46 | 115700 | 3.1 | | | |
| 21 | 4980 | 68.28 | 112000 | 3.6 | | | |
| 7.7 | 13700 | 125.37 | 87100 | 0.85 | FA | 127 | D160L6 |
| 8.4 | 12500 | 114.34 | 89500 | 0.95 | FAF | 127 | D160L6 |
| 9.7 | 10800 | 98.95 | 90000 | 1.10 | F | 127 | D160L6 |
| 11 | 9550 | 87.31 | 90000 | 1.25 | FF | 127 | D160L6 |
| 13 | 8250 | 75.41 | 90000 | 1.45 | | | |
| 8.4 | 12500 | 170.83 | 89500 | 0.95 | | | |
| 9.4 | 11200 | 153.67 | 90000 | 1.05 | FA | 127 | D160M4 |
| 11 | 9150 | 125.37 | 90000 | 1.30 | FAF | 127 | D160M4 |
| 13 | 8340 | 114.34 | 90000 | 1.45 | F | 127 | D160M4 |
| 15 | 7220 | 98.95 | 90000 | 1.65 | FF | 127 | D160M4 |
| 16 | 6370 | 87.31 | 90000 | 1.90 | | | |
| 19 | 5500 | 75.41 | 88600 | 2.2 | | | |
| 12 | 8600 | 117.94 | 47300 | 0.90 | FA | 107 | D160M4 |
| 14 | 7400 | 101.38 | 50600 | 1.05 | FAF | 107 | D160M4 |
| 16 | 6750 | 92.47 | 52200 | 1.15 | F | 107 | D160M4 |
| | | | | | FF | 107 | D160M4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **11.0kW** | | | | | | | |
| 17 | 6130 | 83.99 | 53700 | 1.25 | | | |
| 19 | 5440 | 74.52 | 55300 | 1.40 | FA | 107 | D160M4 |
| 21 | 4930 | 67.62 | 56500 | 1.55 | FAF | 107 | D160M4 |
| 25 | 4240 | 58.12 | 56400 | 1.80 | F | 107 | D160M4 |
| 28 | 3700 | 50.73 | 55100 | 2.1 | FF | 107 | D160M4 |
| 33 | 3140 | 43.03 | 53500 | 2.5 | | | |
| 43 | 2470 | 33.79 | 51000 | 3.0 | FA | 107 | D160M4 |
| 52 | 2010 | 27.57 | 48800 | 3.9 | FAF | 107 | D160M4 |
| 57 | 1830 | 25.14 | 47800 | 4.3 | F | 107 | D160M4 |
| | | | | | FF | 107 | D160M4 |
| 22 | 4780 | 65.47 | 24000 | 0.90 | FA | 97 | D160M4 |
| 25 | 4240 | 58.06 | 27100 | 1.00 | FAF | 97 | D160M4 |
| 27 | 3830 | 52.49 | 27100 | 1.10 | F | 97 | D160M4 |
| | | | | | FF | 97 | D160M4 |
| 32 | 3250 | 44.49 | 27000 | 1.30 | FA | 97 | D160M4 |
| 37 | 2830 | 38.86 | 26700 | 1.50 | FAF | 97 | D160M4 |
| 44 | 2370 | 32.50 | 26200 | 1.80 | F | 97 | D160M4 |
| | | | | | FF | 97 | D160M4 |
| 42 | 2470 | 33.91 | 26400 | 1.75 | FA | 97 | D160M4 |
| 47 | 2220 | 30.39 | 26000 | 1.95 | FAF | 97 | D160M4 |
| 52 | 2000 | 27.44 | 25600 | 2.2 | F | 97 | D160M4 |
| 58 | 1820 | 24.92 | 25200 | 2.4 | FF | 97 | D160M4 |
| 65 | 1610 | 22.11 | 24700 | 2.7 | | | |
| 37 | 2870 | 39.30 | 14600 | 0.95 | FA | 87 | D160M4 |
| 41 | 2570 | 35.19 | 14800 | 1.00 | FAF | 87 | D160M4 |
| 49 | 2130 | 29.20 | 15000 | 1.20 | F | 87 | D160M4 |
| | | | | | FF | 87 | D160M4 |
| 54 | 1930 | 26.50 | 15000 | 1.55 | | | |
| 61 | 1730 | 23.68 | 15000 | 1.75 | FA | 87 | D160M4 |
| 68 | 1560 | 21.32 | 14900 | 1.95 | FAF | 87 | D160M4 |
| 75 | 1410 | 19.31 | 14800 | 2.1 | F | 87 | D160M4 |
| 84 | 1250 | 17.12 | 14600 | 2.4 | FF | 87 | D160M4 |
| 93 | 1130 | 15.48 | 14400 | 2.7 | | | |
| 110 | 960 | 13.12 | 14100 | 3.1 | | | |
| 73 | 1440 | 19.70 | 16100 | 1.05 | | | |
| 82 | 1280 | 17.49 | 17100 | 1.20 | | | |
| 92 | 1140 | 15.64 | 17600 | 1.30 | | | |
| 102 | 1030 | 14.06 | 17400 | 1.45 | | | |
| 118 | 890 | 12.20 | 17000 | 1.70 | FA | 77 | D160M4 |
| 132 | 795 | 10.93 | 16700 | 1.90 | FAF | 77 | D160M4 |
| 155 | 680 | 9.30 | 15500 | 1.60 | F | 77 | D160M4 |
| 174 | 605 | 8.26 | 15200 | 1.80 | FF | 77 | D160M4 |
| 195 | 540 | 7.39 | 14900 | 2.0 | | | |
| 217 | 485 | 6.64 | 14600 | 2.2 | | | |
| 250 | 420 | 5.76 | 14200 | 2.6 | | | |
| 279 | 375 | 5.16 | 13900 | 2.9 | | | |
| 336 | 310 | 4.28 | 13300 | 3.2 | | | |
| **15.0kW** | | | | | | | |
| 6.3 | 20900 | 232 | 90400 | 0.85 | FA | 157R97 | D160L4 |
| 7.2 | 18300 | 202 | 99500 | 1.00 | FAF | 157R97 | D160L4 |
| 7.4 | 17700 | 197 | 101000 | 1.00 | F | 157R97 | D160L4 |
| | | | | | FF | 157R97 | D160L4 |
| 6.8 | 20900 | 141.80 | 90400 | 0.85 | FA | 157 | D180L6 |
| 7.8 | 18500 | 125.14 | 98800 | 0.95 | FAF | 157 | D180L6 |
| 8.9 | 16000 | 108.49 | 105700 | 1.10 | F | 157 | D180L6 |
| 10 | 14300 | 96.53 | 109800 | 1.25 | FF | 157 | D180L6 |
| 11 | 12700 | 85.80 | 112900 | 1.40 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **15.0kW** | | | | | | | |
| 6.7 | 21400 | 217.62 | 88800 | 0.85 | | | |
| 8.2 | 17500 | 178.20 | 101800 | 1.05 | | | |
| 9.0 | 16000 | 162.96 | 105700 | 1.15 | | | |
| 10 | 13900 | 141.80 | 110500 | 1.30 | FA | 157 | D160L4 |
| 12 | 12300 | 125.14 | 113600 | 1.45 | FAF | 157 | D160L4 |
| 13 | 10600 | 108.49 | 116300 | 1.70 | F | 157 | D160L4 |
| 15 | 9470 | 96.53 | 115800 | 1.90 | FF | 157 | D160L4 |
| 17 | 8420 | 85.80 | 113200 | 2.1 | | | |
| 19 | 7700 | 78.46 | 111200 | 2.3 | | | |
| 21 | 6700 | 68.28 | 108000 | 2.7 | | | |
| 24 | 5910 | 60.25 | 105100 | 3.0 | | | |
| 9.8 | 14600 | 98.95 | 85300 | 0.80 | FA | 127 | D180L6 |
| 11 | 12900 | 87.31 | 88700 | 0.95 | FAF | 127 | D180L6 |
| 13 | 11100 | 75.41 | 88300 | 1.10 | F | 127 | D180L6 |
| 14 | 10300 | 70.07 | 87600 | 1.15 | FF | 127 | D180L6 |
| 15 | 9440 | 63.91 | 86700 | 1.25 | | | |
| 12 | 12300 | 125.37 | 89000 | 1.00 | | | |
| 13 | 11200 | 114.34 | 88300 | 1.05 | FA | 127 | D160L4 |
| 15 | 9710 | 98.95 | 87000 | 1.25 | FAF | 127 | D160L4 |
| 17 | 8570 | 87.31 | 85600 | 1.40 | F | 127 | D160L4 |
| 19 | 7400 | 75.41 | 83800 | 1.60 | FF | 127 | D160M4 |
| 21 | 6870 | 70.07 | 82800 | 1.75 | | | |
| 16 | 9070 | 92.47 | 45900 | 0.85 | FA | 107 | D160L4 |
| 17 | 8680 | 88.49 | 47100 | 0.90 | FAF | 107 | D160L4 |
| 17 | 8240 | 83.99 | 48300 | 0.95 | F | 107 | D160L4 |
| 20 | 7310 | 74.52 | 50800 | 1.05 | FF | 107 | D160L4 |
| 22 | 6630 | 67.62 | 52500 | 1.15 | | | |
| 25 | 5700 | 58.12 | 52200 | 1.35 | FA | 107 | D160L4 |
| 29 | 4980 | 50.73 | 51500 | 1.55 | FAF | 107 | D160L4 |
| 34 | 4220 | 43.03 | 50400 | 1.80 | F | 107 | D160L4 |
| 39 | 3690 | 37.61 | 49300 | 2.1 | FF | 107 | D160L4 |
| 46 | 3120 | 31.80 | 48000 | 2.5 | | | |
| 43 | 3320 | 33.79 | 48500 | 2.2 | FA | 107 | D160L4 |
| 53 | 2700 | 27.57 | 46700 | 2.9 | FAF | 107 | D160L4 |
| 58 | 2470 | 25.14 | 45900 | 3.2 | F | 107 | D160L4 |
| 67 | 2130 | 21.76 | 44500 | 3.7 | FF | 107 | D160L4 |
| 33 | 4360 | 44.49 | 22900 | 1.00 | FA | 97 | D160L4 |
| 38 | 3810 | 38.86 | 23100 | 1.15 | FAF | 97 | D160L4 |
| 45 | 3190 | 32.50 | 23200 | 1.35 | F | 97 | D160L4 |
| | | | | | FF | 97 | D160L4 |
| 43 | 3330 | 33.91 | 23200 | 1.30 | | | |
| 48 | 2980 | 30.39 | 23200 | 1.45 | | | |
| 53 | 2690 | 27.44 | 23100 | 1.60 | | | |
| 59 | 2450 | 24.92 | 22900 | 1.75 | FA | 97 | D160L4 |
| 66 | 2170 | 22.11 | 22600 | 2.0 | FAF | 97 | D160L4 |
| 73 | 1970 | 20.07 | 22400 | 2.2 | F | 97 | D160L4 |
| 85 | 1690 | 17.25 | 21900 | 2.5 | FF | 97 | D160L4 |
| 97 | 1480 | 15.06 | 21400 | 2.9 | | | |
| 114 | 1250 | 12.77 | 20800 | 3.4 | | | |
| 131 | 1100 | 11.16 | 20200 | 3.7 | | | |
| 55 | 2600 | 26.50 | 12300 | 1.15 | | | |
| 62 | 2320 | 23.68 | 12600 | 1.30 | | | |
| 68 | 2090 | 21.32 | 12700 | 1.45 | | | |
| 76 | 1890 | 19.31 | 12800 | 1.60 | | | |
| 85 | 1680 | 17.12 | 12900 | 1.80 | | | |
| 94 | 1520 | 15.48 | 12800 | 2.0 | FA | 87 | D160L4 |
| 111 | 1290 | 13.12 | 12700 | 2.3 | FAF | 87 | D160L4 |
| 127 | 1120 | 11.46 | 12600 | 2.7 | F | 87 | D160L4 |
| 152 | 940 | 9.58 | 12300 | 3.1 | FF | 87 | D160L4 |
| 176 | 810 | 8.29 | 11700 | 1.90 | | | |
| 199 | 720 | 7.35 | 11500 | 2.1 | | | |
| 220 | 650 | 6.65 | 11300 | 2.3 | | | |
| 259 | 555 | 5.63 | 11000 | 2.8 | | | |
| 297 | 485 | 4.92 | 10700 | 3.2 | | | |
| 355 | 405 | 4.12 | 10300 | 3.6 | | | |





| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **18.5kW** | | | | | | | |
| | | | | | FA | 157 R97 | D180M4 |
| 7.2 | 22500 | 202 | 76400 | 0.80 | FAF | 157 R97 | D180M4 |
| 7.5 | 21800 | 197 | 86800 | 0.80 | F | 157 R97 | D180M4 |
| | | | | | FF | 157 R97 | D180M4 |
| 8.2 | 21500 | 178.20 | 88200 | 0.85 | | | |
| 9.0 | 19700 | 162.96 | 95000 | 0.90 | | | |
| 10 | 17100 | 141.80 | 102800 | 1.05 | | | |
| 12 | 15100 | 125.14 | 107900 | 1.20 | FA | 157 | D180M4 |
| 14 | 13100 | 108.49 | 112100 | 1.40 | FAF | 157 | D180M4 |
| 15 | 11600 | 96.53 | 111300 | 1.55 | F | 157 | D180M4 |
| 17 | 10300 | 85.80 | 109300 | 1.75 | FF | 157 | D180M4 |
| 19 | 9460 | 78.46 | 107600 | 1.90 | | | |
| 21 | 8230 | 68.28 | 104900 | 2.2 | | | |
| 24 | 7270 | 60.25 | 102300 | 2.5 | | | |
| 28 | 6300 | 52.24 | 99300 | 2.9 | | | |
| 13 | 13800 | 114.34 | 82200 | 0.85 | | | |
| 15 | 11900 | 98.95 | 81700 | 1.00 | | | |
| 17 | 10500 | 87.31 | 80900 | 1.15 | FA | 127 | D180M4 |
| 19 | 9090 | 75.41 | 79700 | 1.30 | FAF | 127 | D180M4 |
| 21 | 8450 | 70.07 | 79000 | 1.40 | F | 127 | D180M4 |
| 23 | 7710 | 63.91 | 78100 | 1.55 | FF | 127 | D180M4 |
| 26 | 6670 | 55.31 | 76400 | 1.80 | | | |
| 30 | 5880 | 48.80 | 74900 | 2.0 | | | |
| 20 | 8990 | 74.52 | 46200 | 0.85 | FA | 107 | D180M4 |
| 22 | 8150 | 67.62 | 48500 | 0.95 | FAF | 107 | D180M4 |
| 25 | 7010 | 58.12 | 48700 | 1.10 | F | 107 | D180M4 |
| 29 | 6120 | 50.73 | 48400 | 1.25 | FF | 107 | D180M4 |
| 34 | 5190 | 43.03 | 47700 | 1.50 | FA | 107 | D180M4 |
| 39 | 4540 | 37.61 | 47000 | 1.70 | FAF | 107 | D180M4 |
| 46 | 3830 | 31.80 | 46000 | 2.0 | F | 107 | D180M4 |
| | | | | | FF | 107 | D180M4 |
| 43 | 4070 | 33.79 | 46400 | 1.80 | FA | 107 | D180M4 |
| 53 | 3320 | 27.57 | 45000 | 2.4 | FAF | 107 | D180M4 |
| 58 | 3030 | 25.14 | 44300 | 2.6 | F | 107 | D180M4 |
| 67 | 2620 | 21.76 | 43200 | 3.0 | FF | 107 | D180M4 |
| | | | | | FA | 97 | D180M4 |
| 38 | 4690 | 38.86 | 20000 | 0.90 | FAF | 97 | D180M4 |
| 45 | 3920 | 32.50 | 20600 | 1.10 | F | 97 | D180M4 |
| | | | | | FF | 97 | D180M4 |
| 53 | 3310 | 27.44 | 20900 | 1.30 | | | |
| 59 | 3010 | 24.92 | 20900 | 1.45 | | | |
| 66 | 2670 | 22.11 | 20900 | 1.60 | FA | 97 | D180M4 |
| 73 | 2420 | 20.07 | 20800 | 1.80 | FAF | 97 | D180M4 |
| 85 | 2080 | 17.25 | 20500 | 2.1 | F | 97 | D180M4 |
| 97 | 1820 | 15.06 | 20200 | 2.4 | FF | 97 | D180M4 |
| 115 | 1540 | 12.77 | 19800 | 2.8 | | | |
| 131 | 1350 | 11.16 | 19300 | 3.0 | | | |
| 69 | 2570 | 21.32 | 10900 | 1.15 | | | |
| 76 | 2330 | 19.31 | 11100 | 1.30 | | | |
| 86 | 2060 | 17.12 | 11400 | 1.45 | | | |
| 95 | 1870 | 15.48 | 11500 | 1.60 | | | |
| 112 | 1580 | 13.12 | 11600 | 1.90 | FA | 87 | D180M4 |
| 128 | 1380 | 11.46 | 11600 | 2.2 | FAF | 87 | D180M4 |
| 153 | 1160 | 9.58 | 11500 | 2.5 | F | 87 | D180M4 |
| 177 | 1000 | 8.29 | 10900 | 1.55 | FF | 87 | D180M4 |
| 199 | 890 | 7.35 | 10800 | 1.75 | | | |
| 220 | 800 | 6.65 | 10700 | 1.90 | | | |
| 260 | 680 | 5.63 | 10400 | 2.2 | | | |
| 298 | 595 | 4.92 | 10200 | 2.6 | | | |
| 356 | 495 | 4.12 | 9900 | 2.9 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **22kW** | | | | | | | |
| 10 | 20900 | 96.53 | 90500 | 0.85 | FA | 157 | D200L6 |
| 11 | 18600 | 85.80 | 98500 | 0.95 | FAF | 157 | D200L6 |
| 12 | 17000 | 78.46 | 103100 | 1.05 | F | 157 | D200L6 |
| 14 | 14800 | 68.28 | 107700 | 1.20 | FF | 157 | D200L6 |
| 10 | 20300 | 141.80 | 92600 | 0.90 | | | |
| 12 | 17900 | 125.14 | 100400 | 1.00 | | | |
| 14 | 15600 | 108.49 | 106800 | 1.15 | | | |
| 15 | 13800 | 96.53 | 106900 | 1.30 | | | |
| 17 | 12300 | 85.80 | 105400 | 1.45 | FA | 157 | D180L4 |
| 19 | 11300 | 78.46 | 104000 | 1.60 | FAF | 157 | D180L4 |
| 21 | 9790 | 68.28 | 101700 | 1.85 | F | 157 | D180L4 |
| 24 | 8640 | 60.25 | 99600 | 2.1 | FF | 157 | D180L4 |
| 28 | 7490 | 52.24 | 97000 | 2.4 | | | |
| 32 | 6660 | 46.48 | 94800 | 2.7 | | | |
| 37 | 5740 | 40.06 | 91900 | 3.1 | | | |
| 45 | 4670 | 32.55 | 97800 | 3.9 | | | |
| 15 | 14200 | 98.95 | 76400 | 0.85 | | | |
| 17 | 12500 | 87.31 | 76300 | 0.95 | | | |
| 19 | 10800 | 75.41 | 75700 | 1.10 | FA | 127 | D180L4 |
| 21 | 10000 | 70.07 | 75300 | 1.20 | FAF | 127 | D180L4 |
| 23 | 9160 | 63.91 | 74700 | 1.30 | F | 127 | D180L4 |
| 26 | 7930 | 55.31 | 73500 | 1.50 | FF | 127 | D180L4 |
| 30 | 7000 | 48.80 | 72300 | 1.70 | | | |
| 35 | 6040 | 42.15 | 70700 | 2.0 | | | |
| 25 | 8330 | 58.12 | 45200 | 0.90 | FA | 107 | D180L4 |
| 29 | 7280 | 50.73 | 45300 | 1.05 | FAF | 107 | D180L4 |
| 34 | 6170 | 43.03 | 45100 | 1.25 | F | 107 | D180L4 |
| | | | | | FF | 107 | D180L4 |
| 39 | 5390 | 37.61 | 44800 | 1.40 | FA | 107 | D180L4 |
| 46 | 4560 | 31.80 | 44100 | 1.70 | FAF | 107 | D180L4 |
| | | | | | F | 107 | D180L4 |
| | | | | | FF | 107 | D180L4 |
| 43 | 4850 | 33.79 | 44300 | 1.55 | FA | 107 | D180L4 |
| 53 | 3950 | 27.57 | 43300 | 2.0 | FAF | 107 | D180L4 |
| 58 | 3610 | 25.14 | 42800 | 2.2 | F | 107 | D180L4 |
| 67 | 3120 | 21.76 | 41900 | 2.5 | FF | 107 | D180L4 |
| 76 | 2750 | 19.20 | 41000 | 2.8 | | | |
| 53 | 3940 | 27.44 | 18700 | 1.10 | | | |
| 59 | 3570 | 24.92 | 18900 | 1.20 | | | |
| 66 | 3170 | 22.11 | 19100 | 1.35 | FA | 97 | D180L4 |
| 73 | 2880 | 20.07 | 19200 | 1.50 | FAF | 97 | D180L4 |
| 85 | 2470 | 17.25 | 19100 | 1.75 | F | 97 | D180L4 |
| 97 | 2160 | 15.06 | 19000 | 2.0 | FF | 97 | D180L4 |
| 115 | 1830 | 12.77 | 18700 | 2.3 | | | |
| 131 | 1600 | 11.16 | 18400 | 2.6 | | | |
| 69 | 3060 | 21.32 | 8990 | 1.00 | | | |
| 76 | 2770 | 19.31 | 9430 | 1.10 | | | |
| 86 | 2460 | 17.12 | 9850 | 1.20 | | | |
| 95 | 2220 | 15.48 | 10100 | 1.35 | | | |
| 112 | 1880 | 13.12 | 10400 | 1.60 | FA | 87 | D180L4 |
| 128 | 1640 | 11.46 | 10600 | 1.85 | FAF | 87 | D180L4 |
| 153 | 1370 | 9.58 | 10600 | 2.1 | F | 87 | D180L4 |
| 177 | 1190 | 8.29 | 10100 | 1.30 | FF | 87 | D180L4 |
| 199 | 1050 | 7.35 | 10100 | 1.45 | | | |
| 220 | 950 | 6.65 | 10000 | 1.60 | | | |
| 260 | 810 | 5.63 | 9900 | 1.90 | | | |
| 298 | 705 | 4.92 | 9750 | 2.2 | | | |
| 356 | 590 | 4.12 | 9500 | 2.5 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **30kW** | | | | | |
| 14 | 21100 | 108.49 | 89600 | 0.85 | |
| 15 | 18800 | 96.53 | 96900 | 0.95 | |
| 17 | 16700 | 85.80 | 96400 | 1.10 | FA 157 D200L4 |
| 19 | 15300 | 78.46 | 95800 | 1.20 | FAF 157 D200L4 |
| 22 | 13300 | 68.28 | 94600 | 1.35 | F 157 D200L4 |
| 24 | 11700 | 60.25 | 93300 | 1.55 | FF 157 D200L4 |
| 28 | 10200 | 52.24 | 91500 | 1.75 | |
| 32 | 9060 | 46.48 | 89900 | 2.0 | |
| 37 | 7810 | 40.06 | 87700 | 2.3 | |
| 19 | 14700 | 75.41 | 66600 | 0.80 | |
| 21 | 13700 | 70.07 | 66800 | 0.90 | |
| 23 | 12500 | 63.91 | 66900 | 0.95 | FA 127 D200L4 |
| 27 | 10800 | 55.31 | 66700 | 1.10 | FAF 127 D200L4 |
| 30 | 9510 | 48.80 | 66300 | 1.25 | F 127 D200L4 |
| 35 | 8210 | 42.15 | 65500 | 1.45 | FF 127 D200L4 |
| 39 | 7270 | 37.28 | 64700 | 1.65 | |
| 47 | 6110 | 31.33 | 63200 | 1.95 | |
| 58 | 4930 | 25.30 | 61200 | 2.4 | |
| 55 | 5240 | 26.86 | 61800 | 1.60 | FA 127 D200L4 |
| 60 | 4790 | 24.57 | 60900 | 1.80 | FAF 127 D200L4 |
| 69 | 4170 | 21.38 | 59400 | 2.9 | F 127 D200L4 |
| 78 | 3680 | 18.87 | 58000 | 3.0 | FF 127 D200L4 |
| 34 | 8390 | 43.03 | 39200 | 0.90 | FA 107 D200L4 |
| 39 | 7330 | 37.61 | 39600 | 1.05 | FAF 107 D200L4 |
| 46 | 6200 | 31.80 | 39700 | 1.25 | F 107 D200L4 |
| | | | | | FF 107 D200L4 |
| 53 | 5370 | 27.57 | 39500 | 1.45 | |
| 58 | 4900 | 25.14 | 39300 | 1.60 | |
| 68 | 4240 | 21.76 | 38800 | 1.85 | FA 107 D200L4 |
| 77 | 3730 | 19.20 | 38300 | 2.1 | FAF 107 D200L4 |
| 89 | 3230 | 16.58 | 37600 | 2.4 | F 107 D200L4 |
| 100 | 2860 | 14.67 | 36900 | 2.7 | FF 107 D200L4 |
| 119 | 2400 | 12.33 | 35900 | 2.9 | |
| 148 | 1940 | 9.96 | 34500 | 3.3 | |
| 66 | 4310 | 22.11 | 15100 | 1.00 | |
| 73 | 3910 | 20.07 | 15500 | 1.10 | |
| 85 | 3360 | 17.25 | 16000 | 1.30 | |
| 98 | 2930 | 15.06 | 16300 | 1.45 | FA 97 D200L4 |
| 115 | 2490 | 12.77 | 16400 | 1.75 | FAF 97 D200L4 |
| 132 | 2180 | 11.16 | 16400 | 1.90 | F 97 D200L4 |
| 162 | 1770 | 9.06 | 15400 | 1.35 | FF 97 D200L4 |
| 179 | 1600 | 8.22 | 15300 | 1.45 | |
| 208 | 1380 | 7.07 | 15100 | 1.70 | |
| 238 | 1200 | 6.17 | 14900 | 1.85 | |
| 281 | 1020 | 5.23 | 14600 | 2.1 | |
| 321 | 890 | 4.57 | 14300 | 2.3 | |
| **37kW** | | | | | |
| 17 | 20600 | 85.80 | 88600 | 0.85 | |
| 19 | 18900 | 78.46 | 88700 | 0.95 | |
| 22 | 16400 | 68.28 | 88400 | 1.10 | FA 157 D225S4 |
| 24 | 14500 | 60.25 | 87800 | 1.25 | FAF 157 D225S4 |
| 28 | 12600 | 52.24 | 86800 | 1.45 | F 157 D225S4 |
| 32 | 11200 | 46.48 | 85700 | 1.60 | FF 157 D225S4 |
| 37 | 9630 | 40.06 | 84000 | 1.85 | |
| 45 | 7820 | 32.55 | 81400 | 2.3 | |
| 53 | 6630 | 27.60 | 79100 | 2.7 | |

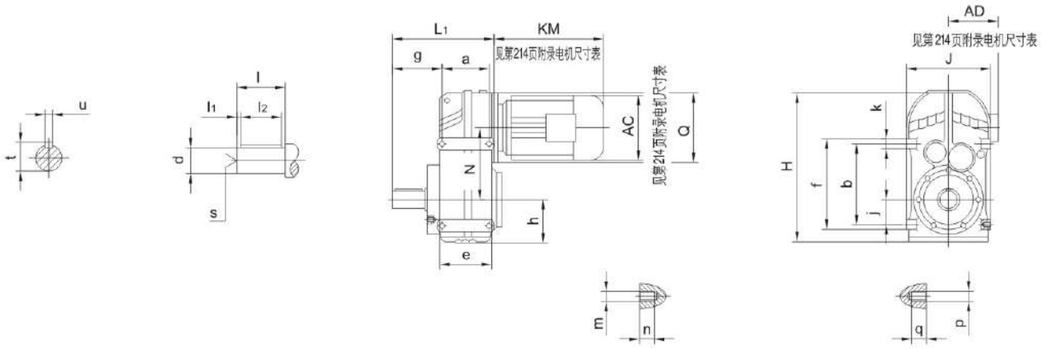
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **37kW** | | | | | |
| 27 | 13300 | 55.31 | 60900 | 0..90 | |
| 30 | 11700 | 48.80 | 61100 | 1.00 | FA 127 D225S4 |
| 35 | 10100 | 42.15 | 61100 | 1.20 | FAF 127 D225S4 |
| 39 | 8960 | 37.28 | 60700 | 1.35 | F 127 D225S4 |
| 47 | 7530 | 31.33 | 59900 | 1.60 | FF 127 D225S4 |
| 58 | 6080 | 25.30 | 58500 | 1.90 | |
| 55 | 6460 | 26.86 | 58900 | 1.30 | |
| 60 | 5910 | 24.57 | 58300 | 1.45 | |
| 69 | 5140 | 21.38 | 57100 | 2.3 | |
| 78 | 4530 | 18.87 | 56000 | 2.4 | FA 127 D225S4 |
| 90 | 3930 | 16.36 | 54600 | 2.8 | FAF 127 D225S4 |
| 101 | 3500 | 14.55 | 53400 | 3.1 | F 127 D225S4 |
| 117 | 3010 | 12.54 | 51900 | 3.3 | FF 127 D225S4 |
| 144 | 2450 | 10.19 | 49600 | 3.9 | |
| 166 | 2130 | 8.86 | 47700 | 3.3 | |
| 186 | 1890 | 7.88 | 46500 | 3.2 | |
| 53 | 6630 | 27.57 | 36200 | 1.20 | |
| 58 | 6040 | 25.14 | 36200 | 1.30 | |
| 68 | 5230 | 21.76 | 36200 | 1.50 | |
| 77 | 4610 | 19.20 | 36000 | 1.70 | |
| 89 | 3990 | 16.58 | 35600 | 1.95 | FA 107 D225S4 |
| 100 | 3530 | 14.67 | 35100 | 2.2 | FAF 107 D225S4 |
| 119 | 2960 | 12.33 | 34400 | 2.4 | F 107 D225S4 |
| 148 | 2390 | 9.96 | 33300 | 2.7 | FF 107 D225S4 |
| 152 | 2330 | 9.69 | 32400 | 2.1 | |
| 176 | 2010 | 8.37 | 31700 | 2.4 | |
| 199 | 1780 | 7.40 | 31000 | 2.6 | |
| 236 | 1500 | 6.22 | 30000 | 3.1 | |
| 22 | 20000 | 68.28 | 81300 | 0.90 | |
| 24 | 17600 | 60.25 | 81600 | 1.00 | FA 157 D225M4 |
| 28 | 15300 | 52.24 | 81300 | 1.20 | FAF 157 D225M4 |
| 32 | 13600 | 46.48 | 80900 | 1.30 | F 157 D225M4 |
| 37 | 11700 | 40.06 | 79900 | 1.55 | FF 157 D225M4 |
| 45 | 9510 | 32.55 | 78000 | 1.90 | |
| 53 | 8070 | 27.60 | 76200 | 2.2 | |
| 30 | 14300 | 48.80 | 55200 | 0.85 | |
| 35 | 12300 | 42.15 | 56000 | 0.95 | FA 127 D225M4 |
| 39 | 10900 | 37.28 | 56200 | 1.10 | FAF 127 D225M4 |
| 47 | 9160 | 31.33 | 56100 | 1.30 | F 127 D225M4 |
| 58 | 7400 | 25.30 | 55400 | 1.60 | FF 127 D225M4 |
| 55 | 7850 | 26.86 | 55700 | 1.10 | |
| 60 | 7180 | 24.57 | 55300 | 1.20 | |
| 69 | 6250 | 21.38 | 54500 | 1.90 | |
| 78 | 5520 | 18.87 | 53700 | 2.0 | |
| 90 | 4780 | 16.36 | 52600 | 2.3 | FA 127 D225M4 |
| 101 | 4250 | 14.55 | 51600 | 2.6 | FAF 127 D225M4 |
| 117 | 3670 | 12.54 | 50300 | 2.7 | F 127 D225M4 |
| 144 | 2980 | 10.19 | 48400 | 3.2 | FF 127 D225M4 |
| 166 | 2590 | 8.86 | 46600 | 2.7 | |
| 186 | 2300 | 7.88 | 45500 | 2.6 | |
| 216 | 1990 | 6.80 | 44000 | 3.5 | |
| 266 | 1610 | 5.52 | 42000 | 3.7 | |
| 53 | 8060 | 27.57 | 32400 | 0.95 | |
| 58 | 7350 | 25.14 | 32800 | 1.05 | FA 107 D225M4 |
| 68 | 6360 | 21.76 | 33200 | 1.25 | FAF 107 D225M4 |
| 77 | 5610 | 19.20 | 33300 | 1.40 | F 107 D225M4 |
| 89 | 4850 | 16.58 | 33300 | 1.60 | FF 107 D225M4 |
| 100 | 4290 | 14.67 | 33100 | 1.80 | |
| 119 | 3600 | 12.33 | 32700 | 1.95 | |
| 148 | 2910 | 9.96 | 31900 | 2.2 | FA 107 D225M4 |
| 152 | 2830 | 9.69 | 31000 | 1.75 | FAF 107 D225M4 |
| 176 | 2450 | 8.37 | 30400 | 1.95 | F 107 D225M4 |
| 199 | 2160 | 7.40 | 29900 | 2.1 | FF 107 D225M4 |
| 236 | 1820 | 6.22 | 29100 | 2.5 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **45kW** | | | | | |
| 22 | 20000 | 68.28 | 81300 | 0.90 | |
| 24 | 17600 | 60.25 | 81600 | 1.00 | FA 157 D225M4 |
| 28 | 15300 | 52.24 | 81300 | 1.20 | FAF 157 D225M4 |
| 32 | 13600 | 46.48 | 80900 | 1.30 | F 157 D225M4 |
| 37 | 11700 | 40.06 | 79900 | 1.55 | FF 157 D225M4 |
| 45 | 9510 | 32.55 | 78000 | 1.90 | |
| 53 | 8070 | 27.60 | 76200 | 2.2 | |
| 30 | 14300 | 48.80 | 55200 | 0.85 | |
| 35 | 12300 | 42.15 | 56000 | 0.95 | FA 127 D225M4 |
| 39 | 10900 | 37.28 | 56200 | 1.10 | FAF 127 D225M4 |
| 47 | 9160 | 31.33 | 56100 | 1.30 | F 127 D225M4 |
| 58 | 7400 | 25.30 | 55400 | 1.60 | FF 127 D225M4 |
| 55 | 7850 | 26.86 | 55700 | 1.10 | |
| 60 | 7180 | 24.57 | 55300 | 1.20 | |
| 69 | 6250 | 21.38 | 54500 | 1.90 | |
| 78 | 5520 | 18.87 | 53700 | 2.0 | |
| 90 | 4780 | 16.36 | 52600 | 2.3 | FA 127 D225M4 |
| 101 | 4250 | 14.55 | 51600 | 2.6 | FAF 127 D225M4 |
| 117 | 3670 | 12.54 | 50300 | 2.7 | F 127 D225M4 |
| 144 | 2980 | 10.19 | 48400 | 3.2 | FF 127 D225M4 |
| 166 | 2590 | 8.86 | 46600 | 2.7 | |
| 186 | 2300 | 7.88 | 45500 | 2.6 | |
| 216 | 1990 | 6.80 | 44000 | 3.5 | |
| 266 | 1610 | 5.52 | 42000 | 3.7 | |
| 53 | 8060 | 27.57 | 32400 | 0.95 | |
| 58 | 7350 | 25.14 | 32800 | 1.05 | FA 107 D225M4 |
| 68 | 6360 | 21.76 | 33200 | 1.25 | FAF 107 D225M4 |
| 77 | 5610 | 19.20 | 33300 | 1.40 | F 107 D225M4 |
| 89 | 4850 | 16.58 | 33300 | 1.60 | FF 107 D225M4 |
| 100 | 4290 | 14.67 | 33100 | 1.80 | |
| 119 | 3600 | 12.33 | 32700 | 1.95 | |
| 148 | 2910 | 9.96 | 31900 | 2.2 | FA 107 D225M4 |
| 152 | 2830 | 9.69 | 31000 | 1.75 | FAF 107 D225M4 |
| 176 | 2450 | 8.37 | 30400 | 1.95 | F 107 D225M4 |
| 199 | 2160 | 7.40 | 29900 | 2.1 | FF 107 D225M4 |
| 236 | 1820 | 6.22 | 29100 | 2.5 | |
| **55kW** | | | | | |
| 24 | 21500 | 60.25 | 73800 | 0.85 | |
| 28 | 18600 | 52.24 | 74600 | 0.95 | FA 157 D250M4 |
| 32 | 16500 | 46.48 | 74800 | 1.10 | FAF 157 D 250M4 |
| 37 | 14300 | 40.06 | 74700 | 1.25 | F 157 D 250M4 |
| 45 | 11600 | 32.55 | 73800 | 1.55 | FF 157 D 250M4 |
| 53 | 9830 | 27.60 | 72600 | 1.85 | |
| 52 | 10200 | 28.60 | 72900 | 1.65 | FA 157 D 250M4 |
| 58 | 9060 | 25.43 | 71600 | 1.65 | FAF 157 D 250M4 |
| 67 | 7890 | 22.16 | 70600 | 2.3 | F 157 D 250M4 |
| 75 | 7040 | 19.77 | 69400 | 2.4 | FF 157 D 250M4 |
| 88 | 6000 | 16.85 | 67600 | 3.0 | |
| 40 | 13300 | 37.28 | 50600 | 0.90 | FA 127 D 250M4 |
| 47 | 11200 | 31.33 | 51400 | 1.10 | FAF 127 D 250M4 |
| 58 | 9010 | 25.30 | 51600 | 1.35 | F 127 D 250M4 |
| | | | | | FF 127 D 250M4 |

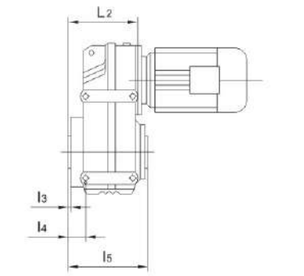
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| 69 | 7610 | 21.38 | 51300 | 1.60 | |
| 78 | 6720 | 18.87 | 50800 | 1.65 | |
| 90 | 5820 | 16.36 | 50100 | 1.90 | |
| 101 | 5180 | 14.55 | 49400 | 2.1 | FA 127 D 250M4 |
| 118 | 4470 | 12.54 | 48400 | 2.2 | FAF 127 D 250M4 |
| 145 | 3630 | 10.19 | 46800 | 2.6 | F 127 D 250M4 |
| 166 | 3160 | 8.86 | 45100 | 2.2 | FF 127 D 250M4 |
| 187 | 2810 | 7.88 | 44200 | 2.1 | |
| 217 | 2420 | 6.80 | 42900 | 2.9 | |
| 267 | 1970 | 5.52 | 41100 | 3.0 | |
| 315 | 1670 | 4.68 | 39600 | 3.6 | |
| **75kW** | | | | | |
| 32 | 22500 | 46.48 | 62900 | 0.80 | FA 157 D 280S4 |
| 37 | 19400 | 40.06 | 64400 | 0.95 | FAF 157 D 280S4 |
| 45 | 15800 | 32.55 | 65400 | 1.15 | F 157 D 280S4 |
| 54 | 13400 | 27.60 | 65500 | 1.35 | FF 157 D 280S4 |
| 52 | 13800 | 28.60 | 65500 | 1.25 | |
| 58 | 12300 | 25.43 | 65400 | 1.20 | FA 157 D 280S4 |
| 67 | 10700 | 22.16 | 64900 | 1.70 | FAF 157 D280S4 |
| 75 | 9570 | 19.77 | 64300 | 1.80 | F 157 D 280S4 |
| 88 | 8150 | 16.85 | 63200 | 2.2 | FF 157 D 280S4 |
| 106 | 6760 | 13.96 | 61600 | 2.5 | |
| 124 | 5770 | 11.92 | 60100 | 2.8 | |
| 58 | 12200 | 25.30 | 44000 | 1.00 | FA 127 D 280S4<br>FAF 127 D 280S4<br>F 127 D 280S4<br>FF 127 D 280S4 |
| 69 | 10300 | 21.38 | 44800 | 1.15 | |
| 78 | 9130 | 18.87 | 45100 | 1.20 | |
| 90 | 7920 | 16.36 | 45200 | 1.40 | |
| 102 | 7040 | 14.55 | 45000 | 1.55 | |
| 118 | 6070 | 12.54 | 44600 | 1.65 | FA 127 D280S4 |
| 145 | 4930 | 10.19 | 43700 | 1.95 | FAF 127 D280S4 |
| 167 | 4290 | 8.86 | 42200 | 1.65 | F 127 D280S4 |
| 188 | 3810 | 7.88 | 41600 | 1.55 | FF 127 D280S4 |
| 218 | 3290 | 6.80 | 40700 | 2.1 | |
| 268 | 2670 | 5.52 | 39300 | 2.2 | |
| 316 | 2270 | 4.68 | 38100 | 2.7 | |
| **90kW** | | | | | |
| 45 | 18900 | 32.55 | 59100 | 0.95 | FA 157 D280M4<br>FAF 157 D280M4<br>F 157 D280M4<br>FF 157 D280M4 |
| 54 | 16000 | 27.60 | 60200 | 1.10 | |
| 52 | 16600 | 28.60 | 60000 | 1.00 | |
| 58 | 14800 | 25.43 | 60400 | 1.00 | FA 157 D280M4 |
| 67 | 12900 | 22.16 | 60600 | 1.40 | FAF 157 D280M4 |
| 75 | 11500 | 19.77 | 60500 | 1.50 | F 157 D280M4 |
| 88 | 9790 | 16.85 | 59900 | 1.85 | FF 157 D280M4 |
| 106 | 8110 | 13.96 | 58900 | 2.1 | |
| 124 | 6920 | 11.92 | 57800 | 2.3 | |
| 58 | 14700 | 25.30 | 33100 | 0.80 | FA 127 D280M4<br>FAF 127 D280M4<br>F 127 D280M4<br>FF 127 D280M4 |

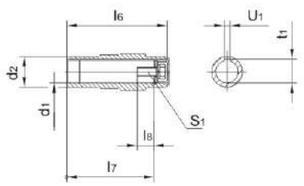
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | |
|---|---|---|---|---|---|---|
| **90kW** | | | | | | |
| 69 | 12400 | 21.38 | 38800 | 0.95 | | |
| 78 | 11000 | 18.87 | 40900 | 1.00 | | |
| 90 | 9500 | 16.36 | 41500 | 1.15 | | |
| 102 | 8450 | 14.55 | 41700 | 1.30 | FA | **127 D280M4** |
| 118 | 7280 | 12.54 | 41800 | 1.35 | FAF | **127 D280M4** |
| 145 | 5920 | 10.19 | 41400 | 1.60 | F | **127 D280M4** |
| 167 | 5150 | 8.86 | 40100 | 1.35 | FF | **127 D280M4** |
| 188 | 4580 | 7.88 | 39700 | 1.30 | | |
| 218 | 3950 | 6.80 | 39000 | 1.75 | | |
| 268 | 3210 | 5.52 | 37900 | 1.85 | | |
| 316 | 2720 | 4.68 | 36900 | 2.2 | | |
| **110kW** | | | | | | |
| 54 | 19500 | 27.60 | 53100 | 0.90 | FA | **157 D315S4** |
| | | | | | FAF | **157 D315S4** |
| | | | | | F | **157 D315S4** |
| | | | | | FF | **157 D315S4** |
| 67 | 15700 | 22.16 | 54900 | 1.15 | | |
| 75 | 14000 | 19.77 | 55400 | 1.20 | FA | **157 D315S4** |
| 88 | 11900 | 16.85 | 55600 | 1.50 | FAF | **157 D315S4** |
| 106 | 9880 | 13.96 | 55300 | 1.70 | F | **157 D315S4** |
| 125 | 8430 | 11.92 | 54700 | 1.90 | FF | **157 D315S4** |
| **132kW** | | | | | | |
| 67 | 18800 | 22.16 | 48700 | 0.95 | FA | **157 D315M4** |
| 75 | 16800 | 19.77 | 49800 | 1.00 | FAF | **157 D315M4** |
| 88 | 14300 | 16.85 | 50900 | 1.25 | F | **157 D315M4** |
| 106 | 11900 | 13.96 | 51400 | 1.45 | FF | **157 D315M4** |
| 125 | 10100 | 11.92 | 51400 | 1.60 | | |
| **160kW** | | | | | | |
| 88 | 17300 | 16.85 | 44800 | 1.05 | FA | **157 D132M4a** |
| 106 | 14400 | 13.96 | 46400 | 1.20 | FAF | **157 D132M4a** |
| 125 | 12300 | 11.92 | 47100 | 1.30 | F | **157 D132M4a** |
| | | | | | FF | **157 D132M4a** |
| **200kW** | | | | | | |
| 88 | 21700 | 16.85 | 36100 | 0.85 | FA | **157 D315M4b** |
| 106 | 18000 | 13.96 | 39200 | 0.95 | FAF | **157 D315M4b** |
| 125 | 15300 | 11.92 | 41000 | 1.05 | F | **157 D315M4b** |
| | | | | | FF | **157 D315M4b** |

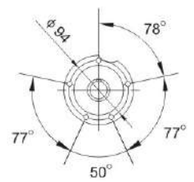
## F37..~F157..



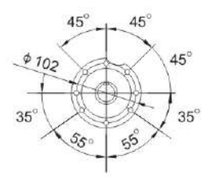

## FA37B..~FA157B..



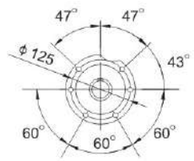



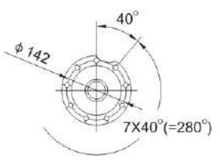

F37..




F47..

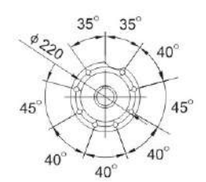



F57..~F67




F77..

F87..



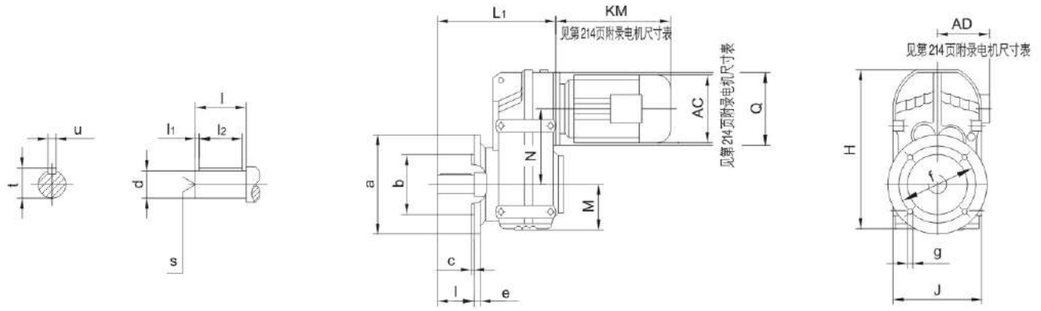

F97..

| 型号 Model | a b | e f | g | h | j | k | m n | P q | 轴伸尺寸 Shaft dimension | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | d | l | $l_1$ $l_2$ | s | t u |
| F37.. FA37B.. | 77 115 | 95 135 | 72.5 | 76 | 31 | 20 | M8 11 | M8 11 | 25k6 | 50 | 5 40 | M10 | 28 8 |
| F47.. F47B.. | 93 145 | 109 165 | 91 | 77 | 43 | 20 | M8 11 | M10 15 | 30k6 | 60 | 3.5 50 | M10 | 33 8 |
| F57.. FA57B.. | 102 170 | 126 195 | 104.5 | 93 | 55 | 25 | M12 17 | M12 17 | 35k6 | 70 | 7 56 | M12 | 38 10 |
| F67.. FA67B.. | 112 190 | 131 215 | 118.5 | 97 | 60 | 25 | M12 17 | M12 17 | 40k6 | 80 | 5 70 | M16 | 43 12 |
| F77.. FA77B.. | 140 240 | 165 275 | 137.5 | 121 | 70 | 35 | M12 17 | M16 26 | 50k6 | 100 | 10 80 | M16 | 53.5 14 |
| F87.. FA87B.. | 165 310 | 195 350 | 163 | 152 | 100 | 40 | M16 26 | M16 26 | 60m6 | 120 | 5 110 | M20 | 64 18 |
| F97.. FA97B.. | 205 350 | 240 400 | 190.5 | 178 | 120 | 50 | M16 26 | M20 28 | 70m6 | 140 | 7.5 125 | M20 | 74.5 20 |
| F107.. FA107B.. | 220 400 | 260 460 | 241.5 | 200 | 125 | 60 | / / | M24 36 | 90m6 | 170 | 5 160 | M24 | 95 25 |
| F127.. FA127B.. | 270 450 | 316 520 | 291 | 236 | 142 | 70 | / / | M30 45 | 110m6 | 210 | 15 180 | M24 | 116 28 |
| F157.. FA157B.. | 310 540 | 364 620 | 325 | 286 | 170 | 80 | / / | M36 55 | 120m6 | 210 | 5 200 | M24 | 127 32 |

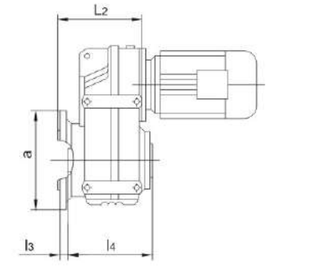
| 型号 Model | 空心轴尺寸 Hollow shaft dimension | | | | | | | | $H_J$ | $L_1$ | $L_2$ | N | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $d_1$ | $d_2$ | $l_3$ $l_4$ | $l_5$ | $l_6$ $l_7$ | $l_8$ | $s_1$ | $t_1$ $u_1$ | | | | | |
| F37.. FA37B.. | 30H7 | 45 | 2.5 22.5 | 123 | 120 105 | 17 | M10X25 | 33.3 8 | 252 165 | 160 | 110 | 112 | 120 |
| F47.. FA47B.. | 35H7 | 50 | 3 31 | 153 | 150 132 | 22 | M10X25 | 38.3 10 | 269 180 | 193 | 133 | 128.1 | 120 |
| F57.. FA57B | 40H7 | 55 | 3 33.5 | 170 | 166 142 | 29 | M16X40 | 43.3 12 | 317 200 | 221 | 150 | 136 | 160 |
| F67.. F67B.. | 40H7 | 55 | 3.5 37 | 184 | 180 156 | 29 | M16X40 | 43.3 12 | 343 212 | 242 | 161 | 159.5 | 160 |
| F77.. FA77B.. | 50H7 | 70 | 4 36.5 | 213 | 210 183 | 32 | M16X45 | 53.8 14 | 426 270 | 294 | 193 | 200 | 200 |
| F87.. FA87B.. | 60H7 | 85 | 4 43 | 243 | 240 210 | 36 | M20X50 | 64.4 18 | 531 330 | 344 | 224 | 246.7 | 250 |
| FA97.. FA97B.. | 70H7 | 95 | 4 48.5 | 303 | 300 270 | 34 | M20X50 | 74.9 20 | 623 400 | 416 | 274 | 285 | 300 |
| F107.. FA107B.. | 90H7 | 118 | 2.5 69.5 | 353 | 350 313 | 40 | M24X60 | 95.4 25 | 717 450 | 484 | 312 | 332.4 | 350 |
| F127.. FA127B.. | 100H7 | 135 | 2.5 79.25 | 413 | 410 373 | 38 | M24X60 | 106.4 28 | 856 530 | 585 | 373 | 382.6 | 450 |
| F157.. FA157B.. | 120H7 | 155 | 7 118 | 503 | 500 460 | 36 | M24X60 | 127.4 32 | 1021 660 | 662 | 455 | 447 | 550 |

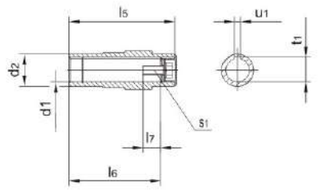


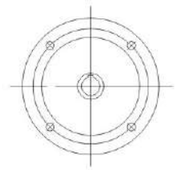
## FF37..~FF157..



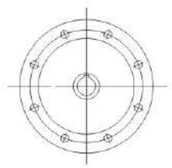

## FAF37..~FAF157..



Flg.1

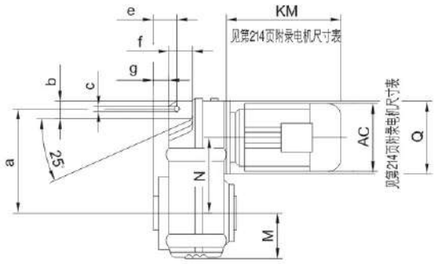


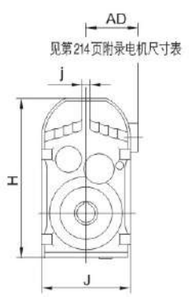
Flg.2

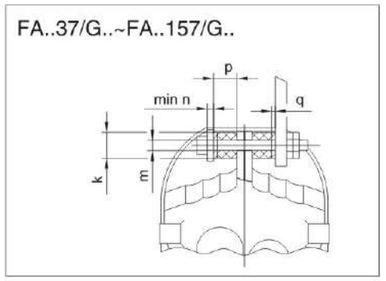
法兰安装
flange form

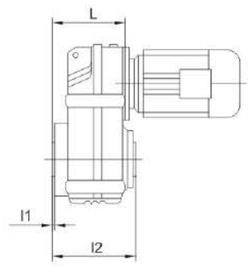
| 型号 Model | 法兰型式 flasnge form | a<br>b | c<br>e | f<br>g | 轴伸尺寸 Shaft dimension<br>d<br>l | <br>l1<br>l2 | <br>s | <br>t<br>u | 空心轴尺寸 Hollow Shaft dimension<br>d1<br>d2 | <br>l3<br>l4 | <br>l5<br>l6 | <br>l7<br>l8 | <br>t1<br>u1 | H<br>J | L1<br>L2 | M<br>N<br>Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FF37..<br>FAF37.. | Flg.1 | 160<br>110j6 | 3.5<br>10 | 130<br>9 | 25k6<br>50 | 5<br>40 | M10 | 28<br>8 | 30H7<br>45 | 24<br>123 | 120<br>105 | 17<br>M10X25 | 33.3<br>8 | 252<br>165 | 184<br>138 | 76<br>112<br>120 |
| FF47..<br>FAF47.. | Flg.1 | 200<br>130j6 | 3.5<br>12 | 165<br>11 | 30k6<br>60 | 3.5<br>50 | M10 | 33<br>8 | 35H7<br>50 | 25<br>153 | 150<br>132 | 22<br>M10X25 | 38.3<br>10 | 269<br>180 | 218<br>162 | 77<br>128.1<br>120 |
| FF57..<br>FAF57.. | Flg.1 | 250<br>180j6 | 4<br>15 | 215<br>13.5 | 35k6<br>70 | 7<br>56 | M12 | 38<br>10 | 40H7<br>55 | 23.5<br>170 | 166<br>142 | 29<br>M16X40 | 43.3<br>12 | 317<br>200 | 243<br>177 | 93<br>136<br>160 |
| FF67..<br>FAF67.. | Flg.1 | 250<br>180j6 | 4<br>15 | 215<br>13.5 | 40k6<br>80 | 5<br>70 | M16 | 43<br>12 | 40H7<br>55 | 23<br>184 | 180<br>156 | 29<br>M16X40 | 43.3<br>12 | 343<br>212 | 264<br>188 | 97<br>159.5<br>160 |
| FF77..<br>FAF77.. | Flg.1 | 300<br>230h6 | 4<br>16 | 265<br>13.5 | 50k6<br>100 | 10<br>80 | M16 | 53.5<br>14 | 50H7<br>70 | 37<br>213 | 210<br>183 | 32<br>M16X45 | 53.8<br>14 | 426<br>270 | 330<br>234 | 121<br>200<br>200 |
| FF87..<br>FAF87.. | Flg.1 | 350<br>250h6 | 5<br>18 | 300<br>17.5 | 60m6<br>120 | 5<br>110 | M20 | 64<br>18 | 60H7<br>85 | 30<br>243 | 240<br>210 | 36<br>M20X50 | 64.4<br>18 | 531<br>330 | 374<br>259 | 152<br>246.7<br>250 |
| FF97..<br>FAF97.. | Flg.2 | 450<br>350h6 | 5<br>22 | 400<br>17.5 | 70m6<br>140 | 7.5<br>125 | M20 | 74.5<br>20 | 70H7<br>95 | 41.5<br>303 | 300<br>270 | 34<br>M20X50 | 74.9<br>20 | 623<br>400 | 456<br>321 | 178<br>285<br>300 |
| FF107..<br>FAF107.. | Flg.2 | 450<br>350h6 | 5<br>22 | 400<br>17.5 | 90m6<br>170 | 5<br>160 | M24 | 95<br>25 | 90H7<br>118 | 41<br>353 | 350<br>313 | 40<br>M24X60 | 95.4<br>25 | 717<br>450 | 523<br>358 | 200<br>332.4<br>350 |
| FF127..<br>FAF127.. | Flg.2 | 550<br>450h6 | 5<br>25 | 500<br>17.5 | 110m6<br>210 | 15<br>180 | M24 | 116<br>28 | 100H7<br>135 | 51<br>413 | 410<br>373 | 38<br>M24X60 | 106.4<br>28 | 856<br>530 | 643<br>426 | 236<br>382.6<br>450 |
| FF157..<br>FAF157.. | Flg.2 | 660<br>550h6 | 6<br>28 | 600<br>22 | 120m6<br>210 | 5<br>200 | M24 | 127<br>32 | 120H7<br>155 | 60<br>503 | 500<br>460 | 36<br>M24X60 | 127.4<br>32 | 1021<br>660 | 725<br>521 | 286<br>447<br>550 |

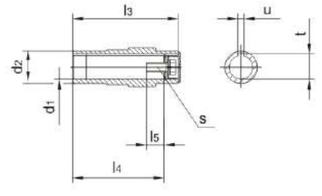
## FA37..~FA157..



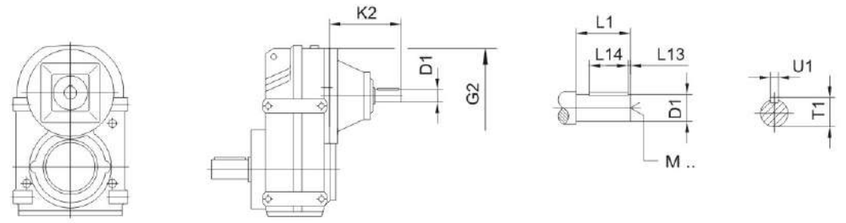



| 型号 Model | a<br>b | c<br>e | f<br>g | 空心轴尺寸 Hollow Shaft dimension<br>d1<br>d2 | l1<br>l2 | l3<br>l4 | l5<br>s | t<br>u | 扭矩臂尺寸 torque arm form<br>K<br>M<br>N | p<br>q | H<br>J | L | M | N<br>Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FA37..<br>F..37/G.. | 158<br>30 | 14<br>31.5 | 46<br>15 | 30H7<br>45 | 0.5<br>123 | 120<br>105 | 17<br>M10X25 | 33.3<br>8 | 40<br>12.5<br>5 | 20<br>1 | 252<br>172 | 110 | 76 | 112<br>120 |
| FA47..<br>F..47/G.. | 170<br>22 | 14<br>32 | 64<br>12 | 35H7<br>50 | 1<br>153 | 150<br>132 | 22<br>M10X25 | 38.3<br>10 | 40<br>12.5<br>5 | 20<br>1.8 | 269<br>189 | 133 | 77 | 128.1<br>120 |
| FA57..<br>F..57/G.. | 198<br>31 | 14<br>40.5 | 60<br>19.5 | 40H7<br>55 | 1<br>170 | 166<br>142 | 29<br>M16X40 | 43.3<br>12 | 40<br>12.5<br>5 | 20<br>2.4 | 317<br>210 | 150 | 93 | 136<br>160 |
| FA67..<br>F..67/G.. | 218<br>40 | 14<br>41 | 65<br>21 | 40H7<br>55 | 1<br>184 | 180<br>156 | 29<br>M16X40 | 43.3<br>12 | 40<br>12.5<br>5 | 20<br>3 | 343<br>212 | 161 | 97 | 159.5<br>160 |
| FA77..<br>F..77/G.. | 278<br>49 | 22<br>50 | 69<br>28 | 50H7<br>70 | 1<br>213 | 210<br>183 | 32<br>M16X45 | 53.8<br>14 | 60<br>21<br>10 | 30<br>3.2 | 426<br>282 | 193 | 121 | 200<br>200 |
| FA87..<br>F..87/G.. | 346<br>57 | 22<br>62 | 79<br>32 | 60H7<br>85 | 1<br>243 | 240<br>210 | 36<br>M20X50 | 64.4<br>18 | 60<br>21<br>10 | 30<br>4.5 | 531<br>336 | 224 | 152 | 246.7<br>250 |
| FA97..<br>F..97/G.. | 395<br>88 | 26<br>70 | 104<br>34 | 70H7<br>95 | 1<br>303 | 300<br>270 | 34<br>M20X50 | 74.9<br>20 | 80<br>25<br>12 | 40<br>5 | 623<br>414 | 274 | 178 | 285<br>300 |
| FA107..<br>F..107/G.. | 485<br>108 | 26<br>88 | 100<br>57 | 90H7<br>118 | 2.5<br>353 | 350<br>313 | 40<br>M24X60 | 95.4<br>25 | 80<br>25<br>12 | 40<br>6 | 717<br>456 | 312 | 200 | 332.4<br>350 |
| FA127..<br>F..127/G | 550<br>138 | 33<br>110 | 125<br>66 | 100H7<br>135 | 2.5<br>413 | 410<br>373 | 38<br>M24X60 | 106.4<br>28 | 100<br>32<br>15 | 60<br>9 | 856<br>530 | 373 | 236 | 382.6<br>450 |
| FA157..<br>F..157/G.. | 660<br>170 | 33<br>150 | 140<br>98 | 120H7<br>155 | 7<br>503 | 500<br>460 | 36<br>M24X60 | 127.4<br>32 | 120<br>32<br>15 | 60<br>9 | 1021<br>660 | 455 | 286 | 447<br>550 |



## F..AD..




| | | G2 | K2 | D1 | L1 | L13 | L14 | T1 | U1 | M |
|---|---|---|---|---|---|---|---|---|---|---|
| | AD1 | 120 | 102 | 16 | 40 | 4 | 32 | 18 | 5 | M5 |
| | AD2 | | 130 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| F..57 | AD2 | 160 | 123 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| F..67 | AD3 | | 159 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| | AD2 | 200 | 116 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| F..77 | AD3 | | 151 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| | AD4 | | 224 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD2 | 250 | 111 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| F..87 | AD3 | | 165 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 219 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 292 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD3 | 300 | 151 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| F..97 | AD4 | | 214 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 287 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 327 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD3 | 350 | 145 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| F..107 | AD4 | | 208 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 281 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 321 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD4 | 450 | 193 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 266 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| F..127 | AD6 | | 306 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 300 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| | AD5 | 550 | 258 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| F..157 | AD6 | | 298 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 292 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

## F..AM..

Fig.1

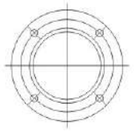
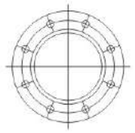
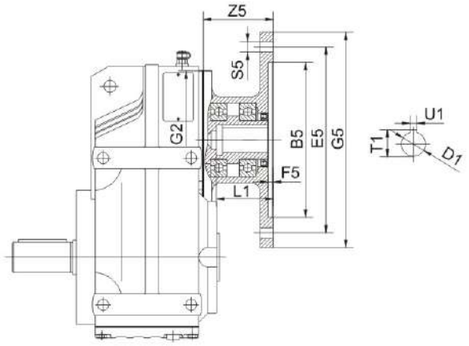


Fig.2






| | | Fig. | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F..37<br>F..47 | AM63 | 1 | 95 | 115 | 3.5 | 120 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71[1)] | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80[1)] | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90[1)] | | | | | | | | | 24 | 50 | 27.3 | 8 |
| F..57<br>F..67 | AM63 | 1 | 95 | 115 | 3.5 | 160 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| F..77 | AM63 | 1 | 95 | 115 | 3.5 | 200 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| | AM132S[1)] | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M[1)] | | | | | | | | | | | | |
| | AM132ML[1)] | | | | | | | | | | | | |
| F..87 | AM80 | 1 | 130 | 165 | 4.5 | 250 | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100 | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M | | | | | | | | | | | | |
| | AM132ML | | | | | | | | | | | | |
| | AM160[1)] | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180[1)] | | | | | | | | | 48 | | 51.8 | 14 |
| F..97 | AM100 | 1 | 180 | 215 | 5 | 300 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M | | | | | | | | | | | | |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225[1)] | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |



F..AM..

Fig.1

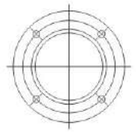
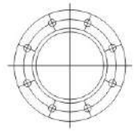
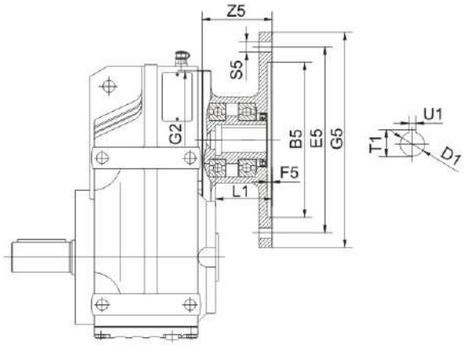


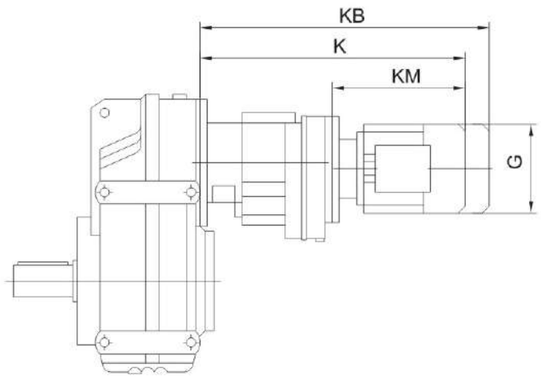
Fig.2






| | | Fig. | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F..107 | AM100 | 1 | 180 | 215 | 5 | 350 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| F..127 | AM132S<br>AM132M | 1 | 230 | 265 | 5 | 450 | 300 | M12 | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 336 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |
| F..157 | AM160 | 1 | 250 | 300 | 6 | 550 | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 254 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 328 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |

**F..R..**




| | | G | K | KB | KM |
|---|---|---|---|---|---|
| F..37R17<br>F..47R17 | D63.. | 155 | 368 | 425 | 193 |
| | D71D | 155 | 369 | 433 | 194 |
| | D80.. | 155 | 419 | 483 | 244 |
| F..57R37 | D63.. | 155 | 400 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| F..67R37 | D63.. | 155 | 410 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| | D90.. | 210 | 451 | 536 | 286 |
| F..77R37 | D63.. | 155 | 392 | 449 | 235 |
| | D71D | 155 | 393 | 457 | 236 |
| | D80.. | 155 | 443 | 507 | 286 |
| | D90.. | 210 | 443 | 528 | 286 |
| F..87R57 | D63.. | 155 | 445 | 502 | 229 |
| | D71D | 155 | 445 | 509 | 229 |
| | D80.. | 210 | 495 | 559 | 279 |
| | D90.. | 210 | 495 | 580 | 279 |
| | D100M | 210 | 545 | 630 | 329 |
| | D100L | 210 | 565 | 650 | 349 |
| F..97R57 | D63.. | 155 | 440 | 497 | 229 |
| | D71D | 155 | 440 | 504 | 229 |
| | D80.. | 155 | 490 | 554 | 279 |
| | D90.. | 210 | 510 | 595 | 299 |
| | D100M | 210 | 540 | 625 | 329 |
| | D100L | 210 | 560 | 645 | 349 |
| | D112M | 240 | 575 | 655 | 364 |
| F..107R77 | D63.. | 155 | 470 | 527 | 223 |
| | D71D | 155 | 470 | 534 | 223 |
| | D80.. | 155 | 520 | 584 | 273 |
| | D90.. | 210 | 518 | 603 | 271 |
| | D100M | 210 | 568 | 653 | 321 |
| | D100L | 210 | 588 | 673 | 341 |
| | D112M | 240 | 602 | 682 | 355 |
| | D132S | 240 | 647 | 727 | 400 |
| | D132M | 285 | 699 | 811 | 452 |
| | D132ML | 285 | 719 | 831 | 472 |
| | D160M | 330 | 749 | 871 | 512 |

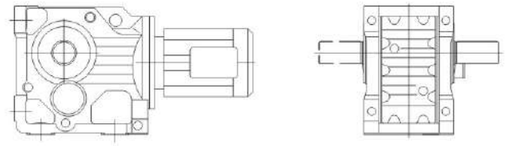
| | | G | K | KB | KM |
|---|---|---|---|---|---|
| F..127R77 | D63.. | 155 | 455 | 512 | 223 |
| | D71D | 155 | 455 | 519 | 223 |
| | D80.. | 155 | 505 | 569 | 273 |
| | D90.. | 210 | 503 | 588 | 271 |
| | D100M | 210 | 553 | 638 | 321 |
| | D100L | 210 | 573 | 658 | 341 |
| | D112M | 240 | 587 | 667 | 355 |
| | D132S | 240 | 632 | 712 | 40 |
| | D132M | 285 | 684 | 796 | 452 |
| | D132ML | 285 | 704 | 816 | 472 |
| | D160M | 330 | 734 | 846 | 502 |
| F..127R87 | D90.. | 210 | 547 | 632 | 267 |
| | D100M | 210 | 597 | 682 | 317 |
| | D100L | 210 | 617 | 702 | 337 |
| | D112M | 240 | 630 | 710 | 350 |
| | D132S | 240 | 675 | 755 | 395 |
| | D132M | 285 | 727 | 839 | 447 |
| | D132ML | 285 | 747 | 859 | 467 |
| | D160M | 330 | 777 | 889 | 497 |
| | D160L | 330 | 824 | 980 | 544 |
| | D180.. | 380 | 896 | 1052 | 616 |
| F..157R97 | D80.. | 155 | 586 | 650 | 261 |
| | D90.. | 210 | 586 | 671 | 261 |
| | D100M | 210 | 636 | 721 | 311 |
| | D100L | 210 | 656 | 741 | 331 |
| | D112M | 240 | 670 | 750 | 345 |
| | D132S | 240 | 715 | 795 | 390 |
| | D132M | 285 | 767 | 879 | 442 |
| | D132ML | 285 | 787 | 899 | 462 |
| | D160M | 330 | 817 | 929 | 492 |
| | D160L | 330 | 864 | 1020 | 539 |
| | D180.. | 380 | 936 | 1092 | 611 |
| | D200.. | 420 | 1024 | 1180 | 699 |



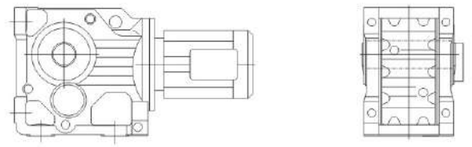
# 7.K系列斜齿轮 — 伞齿轮减速机 K Helical – Bevel Geared Motor

## 7.1 设计方案
## 7.1 Versions of geared motors

斜齿轮 — 伞齿轮减速电机有以下设计方案：
The following types of helical – bevel geared motor can be supplied:

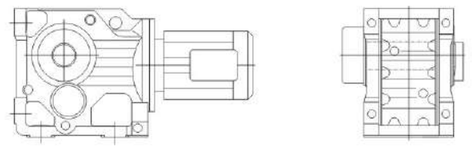


K..
底脚安装斜齿轮--伞齿轮减速机
Foot – mounted helical – bevel geared motor

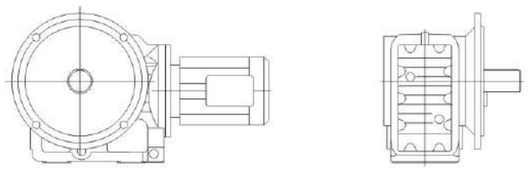


K..B
底脚空心轴安装斜齿轮--伞齿轮减速机
Foot – mounted helical – bevel geared motor with hollow shaft.

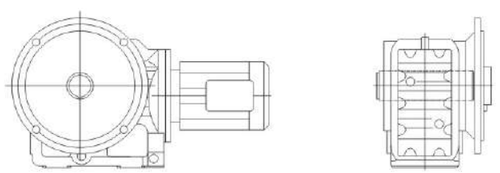
KV..B
底脚花键空心轴 (DIN5480) 安装斜齿轮--伞齿轮减速机
Foot – mounted helical – bevel geared motor with hollow shaft and splined hollow shaft to DIN 5480



KH..B
底脚空心轴锁紧盘安装斜齿轮--伞齿轮减速机
Foot – mounted helical – bevel geared motor with hollow shaft and shrink disk

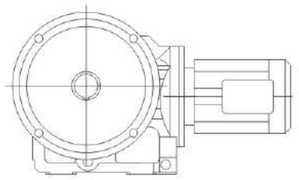


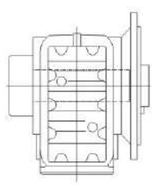
KF..
B5 法兰安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor in B5 flange – mounted version



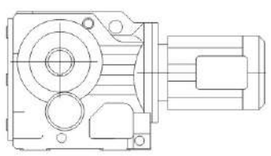
AF..
B5 法兰空心轴安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft.

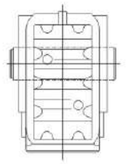
KVF..
B5 法兰花键空心轴（DIN5480）安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft and splined hollow shaft to DIN 5480.





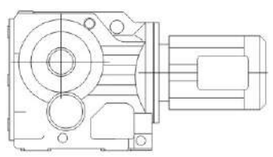
KHF..
B5 法兰空心轴锁紧盘安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft and shrink disk

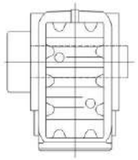




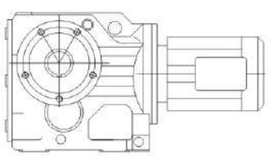
KA..
空心轴安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor with hollow shaft

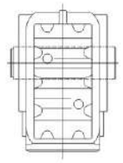
KV..
花键空心轴(DIN 5480)安装斜齿轮--
伞齿轮减速机
Helical – bevel geared motor with hollow shaft and splined hollow shaft to DIN 5480.





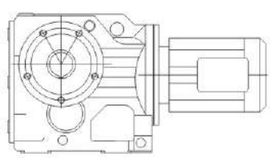
KH..
空心轴锁紧盘安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor with hollow shaft and shrink disk

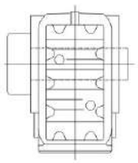




AZ..
B14 法兰空心轴安装斜齿轮--伞齿轮减速机
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft

VZ..
B14 法兰花键空心轴（DIN 5480）安装斜齿轮--
伞齿轮减速机
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft and splined hollow to DIN 5480.





KHZ..
B14 法兰空心轴锁紧盘安装斜齿轮--
伞齿轮减速机
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft and shrink disk



## 7.2 可行的组合方式
## 7.2 Type of Combination

以下是斜齿轮 — 伞齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electro motor in each list the ratio range.

| 减速器型号 Gear unit size | 级 Stages | D163 D71 | D80 | D90 | D100 | D112 | D132S | D132M |
|---|---|---|---|---|---|---|---|---|
| K/KF/KA/KAF37 | 3 | 5.36-106.38 | 5.36-83.69 | 5.36-24.99<br>29.96-72.54 | 5.36-10.49<br>13.08-20.19<br>29.96-58.60 | | | |
| K/KF/KA/KAF47 | 3 | 7.36-11.77<br>13.65-31.30<br>39.61-131.87 | 5.81-104.37 | 5.81-90.86 | 5.81-21.81<br>25.91<br>35.39-63.30<br>75.20 | | | |
| K/KF/KA/KAF57 | 3 | 9.59-11.92<br>19.34-35.70<br>48.89-145.14 | 7.55-11.92<br>15.22-123.85 | 6.57-108.29 | 6.57-90.26 | 6.57-30.28<br>38.49-76.56 | | |
| K/KF/KA/KAF67 | 3 | 10.63-12.48<br>19.30-35.62<br>48.77-144.79 | 8.37-12.48<br>15.19-123.54 | 7.28-108.03 | 7.28-90.04 | 7.28-30.22<br>38.39-76.37 | 7.28-24.00<br>38.39-60.66 | 7.28-24.00<br>38.39-60.66 |
| K/KF/KA/KAF77 | 3 | 25.62-38.39<br>64.75-192.18 | 10.84-12.36<br>20.25-38.39<br>51.18-154.02 | 7.24-135.28 | 7.24-113.56 | 7.24-97.05 | 7.24-30.89<br>40.04-78.07 | 7.24-30.89<br>40.04-78.07 |
| K/KF/KA/KAF87 | 3 | | 16.00<br>27.88-31.39<br>70.46-197.37 | 11.17<br>16.00<br>19.45-31.39<br>49.16-174.19 | 8.29-11.17<br>14.45-147.32 | 8.29-11.17<br>14.45-126.91 | 7.21-102.71 | 7.21-102.71 |
| K/KF/KA/KAF97 | 3 | | | 24.75-38.30<br>62.55-176.05 | 18.96-38.30<br>47.93-176.05 | 18.96-38.30<br>47.93-153.21 | 8.71-123.93 | 8.71-123.93 |
| K/KF/KA/KAF107 | 3 | | | | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 8.69-29.00<br>32.69-143.47 | 8.69-29.00<br>32.69-143.47 |
| K/KF/KA/KAF127 | 3 | | | | | | | 12.79<br>21.15-36.25<br>47.82-146.07 |

| 减速器型号 Gear unit size | 级 Stages | D132ML | D160M | D160L | D180 | D200 |
|---|---|---|---|---|---|---|
| K/KF/KA/KAF77 | 3 | 7.24-23.08<br>40.04-58.34 | 7.24-23.08<br>40.04-58.34 | | | |
| K/KF/KA/KAF87 | 3 | 7.21-79.34 | 7.21-79.34 | 7.21-79.34 | 7.21-14.45<br>17.42-24.92<br>36.52-63.00 | |
| K/KF/KA/KAF97 | 3 | 8.71-96.80 | 8.71-96.80 | 8.71-96.80 | 8.71-30.82<br>41.87-77.89 | 8.71-24.75<br>41.87-62.55 |
| K/KF/KA/KAF107 | 3 | 8.69-112.41 | 8.69-112.41 | 8.69-112.41 | 8.69-90.96 | 8.69-31.28<br>37.00-73.30 |
| K/KF/KA/KAF127 | 3 | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 8.68-110.18 | 8.68-89.89 |
| K/KF/KA/KAF157 | 3 | | 18.37-31.30<br>46.79-150.41 | 18.37-31.30<br>46.79-150.41 | 14.92-122.39 | 12.65-100.22 |
| K/KH167 | 3 | | 24.52-32.25<br>51.77-164.50 | 24.52-32.25<br>51.77-164.50 | 20.32-32.25<br>42.89-134.99 | 17.34-109.83 |
| K/KH187 | 3 | | 33.23-42.51<br>88.00-179.86 | 33.23-42.51<br>88.00-179.86 | 27.92-42.51<br>73.96-179.86 | 17.18-179.86 |

| 减速器型号 Gear unit size | 级 Stages | D225 | D250M | D280 | D315 | D315M_A/B |
|---|---|---|---|---|---|---|
| K/KF/KA/KAF107 | 3 | 8.69-31.28<br>37.00-73.30 | | | | |
| K/KF/KA/KAF127 | 3 | 8.68-89.89 | 8.68-31.37<br>40.19-70.95 | 8.68-31.37<br>40.19-70.95 | | |
| K/KF/KA/KAF157 | 3 | 12.65-100.22 | 12.65-79.75 | 12.65-79.75 | 12.65-23.95<br>38.02-61.02 | 12.65-18.37<br>38.02-46.79 |
| K/KH167 | 3 | 17.34-109.83 | 17.34-87.86 | 17.34-87.86 | 17.34-68.07 | 17.34-24.52<br>36.61-51.77 |
| K/KH187 | 3 | 17.18-179.86 | 17.18-144.59 | 17.18-144.59 | 17.18-112.60 | 17.18-33.23<br>45.50-88.00 |

## 7.3 速比与最大扭矩
## 7.3 Ratio and Max. Torque
### K 37-57, $n_e$=1400 1/min

| K37 | | | | 200Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 106.38 | 13 | 200 | 5640 | |
| 97.81 | 14 | 200 | 5640 | |
| 83.69 | 17 | 200 | 5640 | |
| 72.54 | 19 | 200 | 5520 | |
| 67.80 | 21 | 200 | 5360 | $AD_1$ |
| 58.60 | 24 | 200 | 5020 | |
| 49.79 | 28 | 200 | 4660 | |
| 44.46 | 31 | 200 | 4420 | |
| 37.97 | 37 | 200 | 4100 | |
| 35.57 | 39 | 200 | 3970 | |
| 29.96 | 47 | 200 | 3650 | |
| 28.83 | 49 | 200 | 3580 | |
| 24.99 | 56 | 200 | 3330 | |
| 23.36 | 60 | 195 | 3260 | |
| 20.19 | 69 | 185 | 3110 | |
| 17.15 | 82 | 180 | 2900 | |
| 15.31 | 91 | 175 | 2780 | $AD_2$ |
| 13.08 | 107 | 165 | 2650 | |
| 12.14 | 115 | 160 | 2600 | |
| 10.49 | 133 | 160 | 2410 | |
| 8.91 | 157 | 160 | 2200 | |
| 7.96 | 176 | 155 | 2110 | |
| 6.80 | 206 | 150 | 1980 | |
| 6.37 | 220 | 145 | 1950 | |
| 5.36 | 261 | 140 | 1810 | |

| K47 | | | | 400Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 131.87 | 11 | 400 | 5920 | |
| 121.48 | 12 | 400 | 5920 | |
| 104.37 | 13 | 400 | 5920 | |
| 90.86 | 15 | 400 | 5920 | |
| 85.12 | 16 | 400 | 5920 | |
| 75.20 | 19 | 400 | 5920 | |
| 69.84 | 20 | 400 | 5920 | |
| 63.30 | 22 | 400 | 5920 | |
| 56.83 | 25 | 400 | 5920 | |
| 48.95 | 29 | 400 | 5920 | |
| 46.03 | 30 | 400 | 5920 | |
| 39.61 | 35 | 400 | 5920 | |
| 35.39 | 40 | 400 | 5920 | $AD_2$ |
| 31.30 | 45 | 400 | 5700 | |
| 29.32 | 48 | 400 | 5520 | |
| 25.91 | 54 | 400 | 5170 | |
| 24.06 | 58 | 400 | 4970 | |
| 21.81 | 64 | 400 | 4710 | |
| 19.58 | 72 | 400 | 4440 | |
| 16.86 | 83 | 380 | 4230 | |
| 15.86 | 88 | 380 | 4080 | |
| 13.65 | 103 | 360 | 3890 | |
| 12.19 | 115 | 350 | 3720 | |
| 11.77 | 119 | 280 | 4060 | |
| 10.56 | 133 | 280 | 3830 | |
| 9.10 | 154 | 280 | 3540 | |
| 8.56 | 164 | 270 | 3500 | |
| 7.36 | 190 | 250 | 3390 | |
| 6.58 | 213 | 240 | 3270 | $AD_3$ |
| 5.81 | 241 | 230 | 3140 | |

| K57 | | | | 600Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 145.14 | 9.6 | 600 | 7470 | |
| 123.85 | 11 | 600 | 7470 | |
| 108.29 | 13 | 600 | 7470 | |
| 102.88 | 14 | 600 | 7470 | |
| 90.26 | 16 | 600 | 7470 | |
| 76.56 | 18 | 600 | 7470 | |
| 69.12 | 20 | 600 | 7470 | |
| 60.81 | 23 | 600 | 7470 | |
| 57.42 | 24 | 600 | 7470 | |
| 48.89 | 29 | 600 | 7470 | $AD_2$ |
| 44.43 | 32 | 600 | 7470 | |
| 38.49 | 36 | 600 | 7470 | |
| 35.70 | 39 | 600 | 7470 | |
| 30.28 | 46 | 600 | 7310 | |
| 27.34 | 51 | 600 | 6930 | |
| 24.05 | 58 | 600 | 6480 | |
| 22.71 | 62 | 600 | 6280 | |
| 19.34 | 72 | 575 | 5910 | |
| 17.57 | 80 | 555 | 5740 | |
| 15.22 | 92 | 535 | 5430 | |
| 13.25 | 106 | 510 | 5190 | |
| 11.92 | 117 | 415 | 5150 | |
| 11.26 | 124 | 415 | 4990 | $AD_3$ |
| 9.59 | 146 | 405 | 4650 | |
| 8.71 | 161 | 390 | 4520 | |
| 7.55 | 185 | 365 | 4360 | |
| 6.57 | 213 | 345 | 4190 | |

### K 67-87, $n_e$=1400 1/min

| K67 | | | | 820Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 144.79 | 9.7 | 820 | 10300 | |
| 123.54 | 11 | 820 | 10300 | |
| 108.03 | 13 | 820 | 10300 | |
| 102.62 | 14 | 820 | 10300 | |
| 90.04 | 16 | 820 | 10300 | |
| 76.37 | 18 | 820 | 10300 | |
| 68.95 | 20 | 820 | 10300 | $AD_3$ |
| 60.66 | 23 | 820 | 10300 | |
| 57.28 | 24 | 820 | 10300 | |
| 48.77 | 29 | 820 | 10300 | |
| 44.32 | 32 | 820 | 10300 | |
| 38.39 | 36 | 820 | 10500 | |
| 35.62 | 39 | 820 | 10300 | |
| 30.22 | 46 | 820 | 10300 | |
| 27.28 | 51 | 820 | 10300 | |
| 24.00 | 58 | 800 | 10500 | |
| 22.66 | 62 | 780 | 10700 | |
| 19.30 | 73 | 760 | 10800 | |
| 17.54 | 80 | 740 | 11000 | $AD_3$ |
| 15.19 | 92 | 700 | 11300 | |
| 13.22 | 106 | 670 | 11500 | |
| 12.48 | 112 | 530 | 12300 | |
| 10.63 | 132 | 500 | 11800 | |
| 9.66 | 145 | 480 | 11500 | |
| 8.37 | 167 | 440 | 11100 | |
| 7.28 | 192 | 420 | 10700 | |

| K77 | | | | 1550Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 192.18 | 7.3 | 1450 | 16100 | |
| 179.37 | 7.8 | 1450 | 16100 | |
| 154.02 | 9.1 | 1550 | 15400 | |
| 135.28 | 10 | 1550 | 15400 | |
| 128.52 | 11 | 1550 | 15400 | |
| 113.56 | 12 | 1550 | 15400 | |
| 97.05 | 14 | 1550 | 15400 | $AD_2$ |
| 88.97 | 16 | 1550 | 15400 | |
| 78.07 | 18 | 1550 | 15400 | |
| 73.99 | 19 | 1550 | 15400 | |
| 64.75 | 22 | 1550 | 15400 | |
| 58.34 | 24 | 1550 | 15400 | |
| 51.18 | 27 | 1550 | 15400 | |
| 45.16 | 31 | 1550 | 15400 | |
| 40.04 | 35 | 1550 | 15400 | |
| 38.39 | 36 | 1550 | 15700 | $AD_3$ |
| 35.20 | 40 | 1550 | 15400 | |
| 30.89 | 45 | 1550 | 15400 | |
| 29.27 | 48 | 1550 | 15400 | |
| 25.62 | 55 | 1550 | 15400 | |
| 23.08 | 61 | 1550 | 15400 | |
| 20.25 | 69 | 1500 | 15700 | |
| 17.87 | 78 | 1450 | 16100 | |
| 15.84 | 88 | 1400 | 15500 | $AD_4$ |
| 13.52 | 104 | 1340 | 14800 | |
| 12.36 | 113 | 1000 | 15100 | |
| 10.84 | 129 | 990 | 14400 | |
| 9.56 | 146 | 940 | 13900 | |
| 8.48 | 165 | 890 | 13500 | |
| 7.24 | 193 | 820 | 13100 | |

| K87 | | | | 2700Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 197.37 | 7.1 | 2700 | 27300 | |
| 174.19 | 8.0 | 2700 | 27300 | |
| 164.34 | 8.5 | 2700 | 27300 | |
| 147.32 | 9.5 | 2700 | 27300 | $AD_2$ |
| 126.91 | 11 | 2700 | 27300 | |
| 115.82 | 12 | 2700 | 27300 | |
| 102.71 | 14 | 2700 | 27300 | |
| 86.34 | 16 | 2700 | 27300 | |
| 79.34 | 18 | 2700 | 27300 | |
| 70.46 | 20 | 2700 | 27300 | |
| 63.00 | 22 | 2700 | 26200 | |
| 56.64 | 25 | 2700 | 25000 | $AD_3$ |
| 49.16 | 28 | 2700 | 23500 | |
| 44.02 | 32 | 2600 | 22800 | |
| 36.52 | 38 | 2500 | 21400 | |
| 31.39 | 45 | 2700 | 19200 | |
| 27.88 | 50 | 2600 | 18500 | |
| 24.92 | 56 | 2500 | 18000 | |
| 22.41 | 62 | 2300 | 17900 | |
| 19.45 | 72 | 2300 | 16800 | $AD_4$ |
| 17.42 | 80 | 2200 | 16300 | |
| 16.00 | 87 | 1800 | 16000 | |
| 14.45 | 97 | 2100 | 15300 | |
| 12.56 | 111 | 2000 | 14800 | |
| 11.17 | 125 | 1500 | 14900 | |
| 10.00 | 140 | 1500 | 14200 | |
| 8.29 | 169 | 1400 | 13500 | $AD_5$ |
| 7.21 | 194 | 1300 | 13200 | |



### K97 - K127 $n_e$=1400 1/min

| K97 | | | | 4300Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 176.05 | 8.0 | 4300 | 40000 | |
| 153.21 | 9.1 | 4300 | 40000 | |
| 140.28 | 10 | 4300 | 40000 | |
| 123.93 | 11 | 4300 | 40000 | |
| 105.13 | 13 | 4300 | 40000 | $AD_3$ |
| 96.80 | 14 | 4300 | 40000 | |
| 86.52 | 16 | 4300 | 38800 | |
| 77.89 | 18 | 4300 | 37100 | |
| 70.54 | 20 | 4300 | 35600 | |
| 62.55 | 22 | 4300 | 33800 | |
| 56.55 | 25 | 4300 | 32300 | $AD_4$ |
| 47.93 | 29 | 4300 | 30000 | |
| 41.87 | 33 | 4300 | 28300 | |
| 38.30 | 37 | 4300 | 27100 | |
| 34.23 | 41 | 4300 | 25700 | |
| 30.82 | 45 | 4300 | 24500 | |
| 27.91 | 50 | 4300 | 23300 | $AD_5$ |
| 24.75 | 57 | 4300 | 22000 | |
| 22.37 | 63 | 4300 | 20900 | |
| 18.96 | 74 | 4300 | 19100 | |
| 16.56 | 85 | 4300 | 17800 | |
| 13.85 | 101 | 4300 | 16100 | $AD_6$ |
| 11.99 | 117 | 3890 | 16200 | |
| 10.41 | 134 | 2870 | 16400 | $AD_5$ |
| 8.71 | 161 | 2660 | 15800 | $AD_6$ |

| K107 | | | | 8000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 143.47 | 9.8 | 8000 | 65000 | |
| 121.46 | 12 | 8000 | 61700 | |
| 112.41 | 12 | 8000 | 59700 | |
| 100.75 | 14 | 8000 | 57000 | |
| 90.96 | 15 | 8000 | 54600 | $AD_4$ |
| 82.61 | 17 | 8000 | 52400 | |
| 73.30 | 19 | 8000 | 49700 | |
| 66.52 | 21 | 8000 | 47600 | |
| 57.17 | 24 | 8000 | 44400 | |
| 49.90 | 28 | 7840 | 42200 | |
| 42.33 | 33 | 7360 | 40500 | |
| 37.00 | 38 | 7200 | 38500 | $AD_5$ |
| 32.69 | 43 | 7200 | 36300 | |
| 31.28 | 45 | 6800 | 36700 | |
| 29.00 | 48 | 7200 | 34000 | |
| 26.32 | 53 | 7200 | 32000 | |
| 22.62 | 62 | 7200 | 28900 | |
| 19.74 | 71 | 7200 | 26100 | |
| 16.75 | 84 | 7050 | 23600 | $AD_6$ |
| 14.64 | 96 | 6890 | 21900 | |
| 13.43 | 104 | 4300 | 29200 | |
| 11.73 | 119 | 4300 | 27500 | |
| 9.94 | 141 | 4190 | 25800 | |
| 8.69 | 161 | 4070 | 24600 | |

| K127 | | | | 13000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 146.07 | 9.6 | 13000 | 79200 | |
| 136.14 | 10 | 13000 | 79200 | $AD_4$ |
| 122.48 | 11 | 13000 | 79200 | |
| 110.18 | 13 | 13000 | 79200 | |
| 89.89 | 16 | 13000 | 75100 | |
| 81.98 | 17 | 13000 | 72100 | |
| 70.95 | 20 | 13000 | 67700 | $AD_5$ |
| 62.60 | 22 | 13000 | 64000 | |
| 54.07 | 26 | 13000 | 59900 | |
| 47.82 | 29 | 13000 | 56500 | |
| 40.19 | 35 | 13000 | 52000 | $AD_6$ |
| 36.25 | 39 | 13000 | 49400 | |
| 31.37 | 45 | 13000 | 45900 | $AD_7$ |
| 27.68 | 51 | 13000 | 43000 | |
| 23.91 | 59 | 13000 | 39800 | |
| 21.15 | 66 | 13000 | 37200 | |
| 17.77 | 79 | 13000 | 33600 | |
| 14.35 | 98 | 12100 | 31800 | $AD_8$ |
| 12.79 | 109 | 8530 | 35400 | |
| 10.74 | 130 | 8000 | 33900 | |
| 8.68 | 161 | 7230 | 32500 | |

### K157-167, $n_e$=1400 1/min

| K157 | | | | 18000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 150.41 | 9.3 | 18000 | 112200 | |
| 122.39 | 11 | 18000 | 106500 | |
| 100.22 | 14 | 18000 | 98000 | |
| 91.65 | 15 | 18000 | 94400 | $AD_5$ |
| 79.75 | 18 | 18000 | 88900 | |
| 70.38 | 20 | 18000 | 84200 | |
| 61.02 | 23 | 18000 | 79000 | |
| 54.29 | 26 | 18000 | 74900 | $AD_6$ |
| 46.79 | 30 | 18000 | 70000 | $AD_7$ |
| 38.02 | 37 | 18000 | 63300 | |
| 31.30 | 45 | 18000 | 57500 | |
| 27.62 | 51 | 18000 | 54000 | |
| 23.95 | 58 | 18000 | 50000 | |
| 21.31 | 66 | 18000 | 47000 | $AD_8$ |
| 18.37 | 76 | 18000 | 43200 | |
| 14.92 | 94 | 18000 | 38200 | |
| 12.65 | 111 | 17000 | 36700 | |

| K167 | | | | 32000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 164.50 | 8.5 | 32000 | 150000 | $AD_5$ |
| 134.99 | 10 | 32000 | 150000 | $AD_6$ |
| 109.83 | 13 | 32000 | 150000 | |
| 87.86 | 16 | 32000 | 147200 | |
| 78.14 | 18 | 32000 | 140100 | $AD_7$ |
| 68.07 | 21 | 32000 | 132000 | |
| 60.74 | 23 | 32000 | 125600 | |
| 51.77 | 27 | 32000 | 117000 | |
| 42.89 | 33 | 32000 | 107400 | |
| 36.61 | 38 | 32000 | 99700 | |
| 32.25 | 43 | 32000 | 93700 | |
| 28.77 | 49 | 32000 | 88600 | $AD_8$ |
| 24.52 | 57 | 32000 | 81700 | |
| 20.32 | 69 | 32000 | 74000 | |
| 17.34 | 81 | 32000 | 67900 | |

| K187 | | | | 50000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 179.86 | 7.8 | 50000 | 190000 | |
| 165.21 | 8.5 | 50000 | 190000 | $AD_6$ |
| 144.59 | 9.7 | 50000 | 190000 | |
| 129.69 | 11 | 50000 | 188200 | |
| 112.60 | 12 | 50000 | 177200 | $AD_7$ |
| 102.16 | 14 | 50000 | 169900 | |
| 88.00 | 16 | 50000 | 159000 | |
| 73.96 | 19 | 50000 | 147000 | |
| 64.04 | 22 | 50000 | 137500 | |
| 53.36 | 26 | 50000 | 126100 | |
| 45.50 | 31 | 50000 | 116600 | |
| 42.51 | 33 | 50000 | 112700 | $AD_8$ |
| 38.57 | 36 | 50000 | 107200 | |
| 33.23 | 42 | 50000 | 99100 | |
| 27.92 | 50 | 50000 | 90200 | |
| 24.18 | 58 | 47600 | 86800 | |
| 20.15 | 69 | 43900 | 84000 | |
| 17.18 | 81 | 41400 | 80800 | |

## K37R17, K47/57R37 $n_e$=1400 1/min

**K37R17** 200Nm

| i | $n_a$ [1/min] | Stage K37 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 6832 | 0.20 | 3 | 3 | 200 | 5640 |
| 5922 | 0.24 | 3 | 3 | 200 | 5640 |
| 5491 | 0.25 | 3 | 3 | 200 | 5640 |
| 4759 | 0.29 | 3 | 3 | 200 | 5640 |
| 4160 | 0.34 | 3 | 3 | 200 | 5640 |
| 3645 | 0.38 | 3 | 3 | 200 | 5640 |
| 3205 | 0.44 | 3 | 3 | 200 | 5640 |
| 2801 | 0.50 | 3 | 3 | 200 | 5640 |
| 2454 | 0.57 | 3 | 3 | 200 | 5640 |
| 2166 | 0.65 | 3 | 3 | 200 | 5640 |
| 1891 | 0.74 | 3 | 3 | 200 | 5640 |
| 1660 | 0.84 | 3 | 3 | 200 | 5640 |
| 1466 | 0.95 | 3 | 3 | 200 | 5640 |
| 1288 | 1.1 | 3 | 3 | 200 | 5640 |
| 1136 | 1.2 | 3 | 3 | 200 | 5640 |
| 996 | 1.4 | 3 | 2 | 200 | 5640 |
| 876 | 1.6 | 3 | 2 | 200 | 5640 |
| 761 | 1.8 | 3 | 2 | 200 | 5640 |
| 671 | 2.1 | 3 | 2 | 200 | 5640 |
| 585 | 2.4 | 3 | 2 | 200 | 5640 |
| 512 | 2.7 | 3 | 2 | 200 | 5640 |
| 451 | 3.1 | 3 | 2 | 200 | 5640 |
| 396 | 3.5 | 3 | 2 | 200 | 5640 |
| 346 | 4.0 | 3 | 2 | 200 | 5640 |
| 304 | 4.6 | 3 | 2 | 200 | 5640 |
| 267 | 5.2 | 3 | 2 | 200 | 5640 |
| 234 | 6.0 | 3 | 2 | 200 | 5640 |
| 205 | 6.8 | 3 | 2 | 200 | 5640 |
| 181 | 7.7 | 3 | 2 | 200 | 5640 |
| 160 | 8.8 | 3 | 2 | 200 | 5640 |
| 136 | 10 | 3 | 2 | 200 | 5640 |
| 127 | 11 | 3 | 2 | 200 | 5640 |
| 110 | 13 | 3 | 2 | 200 | 5640 |
| 96 | 15 | 3 | 2 | 200 | 5640 |

**K47R37** 400Nm

| i | $n_a$ [1/min] | Stage K47 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 10138 | 0.14 | 3 | 3 | 400 | 5920 |
| 8534 | 0.16 | 3 | 3 | 400 | 5920 |
| 7662 | 0.18 | 3 | 3 | 400 | 5920 |
| 6826 | 0.21 | 3 | 3 | 400 | 5920 |
| 5983 | 0.23 | 3 | 3 | 400 | 5920 |
| 5159 | 0.27 | 3 | 3 | 400 | 5920 |
| 4601 | 0.30 | 3 | 3 | 400 | 5920 |
| 3940 | 0.36 | 3 | 3 | 400 | 5920 |
| 3477 | 0.40 | 3 | 3 | 400 | 5920 |
| 3043 | 0.46 | 3 | 3 | 400 | 5920 |
| 2733 | 0.51 | 3 | 3 | 400 | 5920 |
| 2354 | 0.59 | 3 | 3 | 400 | 5920 |
| 2063 | 0.68 | 3 | 3 | 400 | 5920 |
| 1819 | 0.77 | 3 | 3 | 400 | 5920 |
| 1586 | 0.88 | 3 | 3 | 400 | 5920 |
| 1388 | 1.0 | 3 | 3 | 400 | 5920 |
| 1222 | 1.1 | 3 | 2 | 400 | 5920 |
| 1097 | 1.3 | 3 | 2 | 400 | 5920 |
| 945 | 1.5 | 3 | 2 | 400 | 5920 |
| 831 | 1.7 | 3 | 2 | 400 | 5920 |
| 718 | 1.9 | 3 | 2 | 400 | 5920 |
| 639 | 2.2 | 3 | 2 | 400 | 5920 |
| 552 | 2.5 | 3 | 2 | 400 | 5920 |
| 495 | 2.8 | 3 | 2 | 400 | 5920 |
| 426 | 3.3 | 3 | 2 | 400 | 5920 |
| 375 | 3.7 | 3 | 2 | 400 | 5920 |
| 327 | 4.3 | 3 | 2 | 400 | 5920 |
| 289 | 4.8 | 3 | 2 | 400 | 5920 |
| 256 | 5.5 | 3 | 2 | 400 | 5920 |
| 225 | 6.2 | 3 | 2 | 400 | 5920 |
| 198 | 7.1 | 3 | 2 | 400 | 5920 |
| 171 | 8.2 | 3 | 2 | 400 | 5920 |
| 153 | 9.2 | 3 | 2 | 400 | 5920 |
| 131 | 11 | 3 | 2 | 400 | 5920 |
| 112 | 13 | 3 | 2 | 400 | 5920 |
| 99 | 14 | 3 | 2 | 400 | 5920 |
| 94 | 15 | 3 | 2 | 400 | 5920 |

**K57R37** 600Nm

| i | $n_a$ [1/min] | Stage K57 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 12169 | 0.12 | 3 | 3 | 600 | 7470 |
| 11162 | 0.13 | 3 | 3 | 600 | 7470 |
| 9503 | 0.15 | 3 | 3 | 600 | 7470 |
| 8547 | 0.16 | 3 | 3 | 600 | 7470 |
| 7277 | 0.19 | 3 | 3 | 600 | 7470 |
| 6478 | 0.22 | 3 | 3 | 600 | 7470 |
| 5662 | 0.25 | 3 | 3 | 600 | 7470 |
| 5033 | 0.28 | 3 | 3 | 600 | 7470 |
| 4340 | 0.32 | 3 | 3 | 600 | 7470 |
| 3854 | 0.36 | 3 | 3 | 600 | 7470 |
| 3390 | 0.41 | 3 | 3 | 600 | 7470 |
| 2924 | 0.48 | 3 | 3 | 600 | 7470 |
| 2593 | 0.54 | 3 | 3 | 600 | 7470 |
| 2249 | 0.62 | 3 | 3 | 600 | 7470 |
| 1986 | 0.70 | 3 | 3 | 600 | 7470 |
| 1743 | 0.80 | 3 | 2 | 600 | 7470 |
| 1539 | 0.91 | 3 | 2 | 600 | 7470 |
| 1354 | 1.0 | 3 | 2 | 600 | 7470 |
| 1174 | 1.2 | 3 | 2 | 600 | 7470 |
| 1036 | 1.4 | 3 | 2 | 600 | 7470 |
| 906 | 1.5 | 3 | 2 | 600 | 7470 |
| 806 | 1.7 | 3 | 2 | 600 | 7470 |
| 699 | 2.0 | 3 | 2 | 600 | 7470 |
| 615 | 2.3 | 3 | 2 | 600 | 7470 |
| 544 | 2.6 | 3 | 2 | 600 | 7470 |
| 473 | 3.0 | 3 | 2 | 600 | 7470 |
| 421 | 3.3 | 3 | 2 | 600 | 7470 |
| 362 | 3.9 | 3 | 2 | 600 | 7470 |
| 319 | 4.4 | 3 | 2 | 600 | 7470 |
| 280 | 5.0 | 3 | 2 | 600 | 7470 |
| 246 | 5.7 | 3 | 2 | 600 | 7470 |
| 215 | 6.5 | 3 | 2 | 600 | 7470 |
| 192 | 7.3 | 3 | 2 | 600 | 7470 |
| 166 | 8.4 | 3 | 2 | 600 | 7470 |
| 145 | 9.7 | 3 | 2 | 600 | 7470 |
| 129 | 11 | 3 | 2 | 600 | 7470 |
| 111 | 13 | 3 | 2 | 600 | 7470 |
| 97 | 14 | 3 | 2 | 600 | 7470 |

## K67/77R37, K87R57 $n_e$=1400 1/min

**K67R37** 820Nm

| i | $n_a$ [1/min] | Stage K67 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 12139 | 0.12 | 3 | 3 | 820 | 10300 |
| 11134 | 0.13 | 3 | 3 | 820 | 10300 |
| 9479 | 0.15 | 3 | 3 | 820 | 10300 |
| 8173 | 0.17 | 3 | 3 | 820 | 10300 |
| 7259 | 0.19 | 3 | 3 | 820 | 10300 |
| 6462 | 0.22 | 3 | 3 | 820 | 10300 |
| 5648 | 0.25 | 3 | 3 | 820 | 10300 |
| 4846 | 0.29 | 3 | 3 | 820 | 10300 |
| 4329 | 0.32 | 3 | 3 | 820 | 10300 |
| 3750 | 0.37 | 3 | 3 | 820 | 10300 |
| 3315 | 0.42 | 3 | 3 | 820 | 10300 |
| 2917 | 0.48 | 3 | 3 | 820 | 10300 |
| 2532 | 0.55 | 3 | 3 | 820 | 10300 |
| 2244 | 0.62 | 3 | 3 | 820 | 10300 |
| 1981 | 0.71 | 3 | 3 | 820 | 10300 |
| 1739 | 0.81 | 3 | 2 | 820 | 10300 |
| 1535 | 0.91 | 3 | 2 | 820 | 10300 |
| 1351 | 1.0 | 3 | 2 | 820 | 10300 |
| 1171 | 1.2 | 3 | 2 | 820 | 10300 |
| 1034 | 1.4 | 3 | 2 | 820 | 10300 |
| 903 | 1.6 | 3 | 2 | 820 | 10300 |
| 793 | 1.8 | 3 | 2 | 820 | 10300 |
| 697 | 2.0 | 3 | 2 | 820 | 10300 |
| 613 | 2.3 | 3 | 2 | 820 | 10300 |
| 542 | 2.6 | 3 | 2 | 820 | 10300 |
| 471 | 3.0 | 3 | 2 | 820 | 10300 |
| 420 | 3.3 | 3 | 2 | 820 | 10300 |
| 361 | 3.9 | 3 | 2 | 820 | 10300 |
| 323 | 4.3 | 3 | 2 | 820 | 10300 |
| 279 | 5.0 | 3 | 2 | 820 | 10300 |
| 246 | 5.7 | 3 | 2 | 820 | 10300 |
| 217 | 6.5 | 3 | 2 | 820 | 10300 |
| 191 | 7.3 | 3 | 2 | 820 | 10300 |
| 166 | 8.4 | 3 | 2 | 820 | 10300 |
| 144 | 9.7 | 3 | 2 | 820 | 10300 |
| 122 | 11 | 3 | 2 | 820 | 10300 |

**K77R37** 1550Nm

| i | $n_a$ [1/min] | Stage K77 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 15310 | 0.09 | 3 | 3 | 1550 | 15400 |
| 14043 | 0.10 | 3 | 3 | 1550 | 15400 |
| 11955 | 0.12 | 3 | 3 | 1550 | 15400 |
| 10217 | 0.14 | 3 | 3 | 1550 | 15400 |
| 8809 | 0.16 | 3 | 3 | 1550 | 15400 |
| 7528 | 0.19 | 3 | 3 | 1500 | 15400 |
| 6606 | 0.21 | 3 | 3 | 1550 | 15400 |
| 5774 | 0.24 | 3 | 3 | 1550 | 15400 |
| 5089 | 0.28 | 3 | 3 | 1550 | 15400 |
| 4489 | 0.31 | 3 | 3 | 1550 | 15400 |
| 3961 | 0.35 | 3 | 3 | 1550 | 15400 |
| 3485 | 0.40 | 3 | 3 | 1500 | 15400 |
| 2901 | 0.48 | 3 | 3 | 1550 | 15400 |
| 2717 | 0.52 | 3 | 3 | 1550 | 15400 |
| 2370 | 0.59 | 3 | 3 | 1550 | 15400 |
| 2050 | 0.68 | 3 | 2 | 1550 | 15400 |
| 1772 | 0.79 | 3 | 2 | 1550 | 15400 |
| 1514 | 0.92 | 3 | 2 | 1500 | 15400 |
| 1388 | 1.0 | 3 | 2 | 1550 | 15400 |
| 1218 | 1.1 | 3 | 2 | 1550 | 15400 |
| 1053 | 1.3 | 3 | 2 | 1550 | 15400 |
| 924 | 1.5 | 3 | 2 | 1550 | 15400 |
| 815 | 1.7 | 3 | 2 | 1550 | 15400 |
| 709 | 2.0 | 3 | 2 | 1500 | 15400 |
| 622 | 2.3 | 3 | 2 | 1550 | 15400 |
| 552 | 2.5 | 3 | 2 | 1550 | 15400 |
| 485 | 2.9 | 3 | 2 | 1550 | 15400 |
| 428 | 3.3 | 3 | 2 | 1550 | 15400 |
| 367 | 3.8 | 3 | 2 | 1550 | 15400 |
| 328 | 4.3 | 3 | 2 | 1500 | 15400 |
| 290 | 4.8 | 3 | 2 | 1550 | 15400 |
| 252 | 5.6 | 3 | 2 | 1550 | 15400 |
| 221 | 6.3 | 3 | 2 | 1550 | 15400 |
| 195 | 7.2 | 3 | 2 | 1550 | 15400 |
| 175 | 8.0 | 3 | 2 | 1550 | 15400 |
| 154 | 9.1 | 3 | 2 | 1550 | 15400 |

**K87R57** 2700Nm

| i | $n_a$ [1/min] | Stage K87 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
|---|---|---|---|---|---|
| 14829 | 0.09 | 3 | 3 | 2700 | 27300 |
| 13168 | 0.11 | 3 | 3 | 2700 | 27300 |
| 11737 | 0.12 | 3 | 3 | 2700 | 27300 |
| 10217 | 0.14 | 3 | 3 | 2700 | 27300 |
| 9073 | 0.15 | 3 | 3 | 2700 | 27300 |
| 7854 | 0.18 | 3 | 3 | 2700 | 27300 |
| 6832 | 0.20 | 3 | 3 | 2700 | 27300 |
| 5930 | 0.24 | 3 | 3 | 2700 | 27300 |
| 5240 | 0.27 | 3 | 3 | 2700 | 27300 |
| 4562 | 0.31 | 3 | 3 | 2700 | 27300 |
| 4037 | 0.35 | 3 | 3 | 2700 | 27300 |
| 3609 | 0.39 | 3 | 3 | 2700 | 27300 |
| 3107 | 0.45 | 3 | 3 | 2700 | 27300 |
| 2728 | 0.51 | 3 | 3 | 2700 | 27300 |
| 2371 | 0.59 | 3 | 3 | 2700 | 27300 |
| 2088 | 0.67 | 3 | 2 | 2700 | 27300 |
| 1854 | 0.76 | 3 | 2 | 2700 | 27300 |
| 1657 | 0.84 | 3 | 2 | 2700 | 27300 |
| 1415 | 0.99 | 3 | 2 | 2700 | 27300 |
| 1229 | 1.1 | 3 | 2 | 2700 | 27300 |
| 1078 | 1.3 | 3 | 2 | 2700 | 27300 |
| 951 | 1.5 | 3 | 2 | 2700 | 27300 |
| 837 | 1.7 | 3 | 2 | 2700 | 27300 |
| 726 | 1.9 | 3 | 2 | 2700 | 27300 |
| 638 | 2.2 | 3 | 2 | 2700 | 27300 |
| 562 | 2.5 | 3 | 2 | 2700 | 27300 |
| 474 | 3.0 | 3 | 2 | 2700 | 27300 |
| 426 | 3.3 | 3 | 2 | 2700 | 27300 |
| 373 | 3.8 | 3 | 2 | 2700 | 27300 |
| 330 | 4.2 | 3 | 2 | 2700 | 27300 |
| 294 | 4.8 | 3 | 2 | 2700 | 27300 |
| 250 | 5.6 | 3 | 2 | 2700 | 27300 |
| 236 | 5.9 | 3 | 2 | 2700 | 27300 |
| 201 | 7.0 | 3 | 2 | 2700 | 27300 |
| 183 | 7.7 | 3 | 2 | 2700 | 27300 |
| 159 | 8.8 | 3 | 2 | 2700 | 27300 |
| 141 | 9.9 | 3 | 2 | 2700 | 27400 |

| K97R57 | | | | 4300Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K97 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 18091 | 0.08 | 3 | 3 | 4300 | 40000 |
| 16666 | 0.08 | 3 | 3 | 4300 | 40000 |
| 14897 | 0.09 | 3 | 3 | 4300 | 40000 |
| 13182 | 0.11 | 3 | 3 | 4300 | 40000 |
| 11677 | 0.12 | 3 | 3 | 4300 | 40000 |
| 10317 | 0.14 | 3 | 3 | 4300 | 40000 |
| 9083 | 0.15 | 3 | 3 | 4300 | 40000 |
| 8054 | 0.17 | 3 | 3 | 4300 | 40000 |
| 6970 | 0.20 | 3 | 3 | 4300 | 40000 |
| 6027 | 0.23 | 3 | 3 | 4300 | 40000 |
| 5391 | 0.26 | 3 | 3 | 4300 | 40000 |
| 4669 | 0.30 | 3 | 3 | 4300 | 40000 |
| 4082 | 0.34 | 3 | 3 | 4300 | 40000 |
| 3583 | 0.39 | 3 | 3 | 4300 | 40000 |
| 3108 | 0.45 | 3 | 3 | 4300 | 40000 |
| 2757 | 0.51 | 3 | 3 | 4300 | 40000 |
| 2419 | 0.58 | 3 | 2 | 4300 | 40000 |
| 2123 | 0.66 | 3 | 2 | 4300 | 40000 |
| 1856 | 0.75 | 3 | 2 | 4300 | 40000 |
| 1625 | 0.86 | 3 | 2 | 4300 | 40000 |
| 1430 | 0.98 | 3 | 2 | 4300 | 40000 |
| 1261 | 1.1 | 3 | 2 | 4300 | 40000 |
| 1102 | 1.3 | 3 | 2 | 4300 | 40000 |
| 957 | 1.5 | 3 | 2 | 4300 | 40000 |
| 855 | 1.6 | 3 | 2 | 4300 | 40000 |
| 743 | 1.9 | 3 | 2 | 4300 | 40000 |
| 652 | 2.1 | 3 | 2 | 4300 | 40000 |
| 573 | 2.4 | 3 | 2 | 4300 | 40000 |
| 504 | 2.8 | 3 | 2 | 4300 | 40000 |
| 437 | 3.2 | 3 | 2 | 4300 | 40000 |
| 382 | 3.7 | 3 | 2 | 4300 | 40000 |
| 342 | 4.1 | 3 | 2 | 4300 | 40000 |
| 305 | 4.6 | 3 | 2 | 4300 | 40000 |
| 258 | 5.4 | 3 | 2 | 4300 | 40000 |
| 232 | 6.0 | 3 | 2 | 4300 | 40000 |
| 199 | 7.0 | 3 | 2 | 4300 | 40000 |

| K107R77 | | | | 8000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K107 | Stage R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 14311 | 0.10 | 3 | 3 | 8000 | 65000 |
| 12211 | 0.11 | 3 | 3 | 8000 | 65000 |
| 10677 | 0.13 | 3 | 3 | 8000 | 65000 |
| 9524 | 0.15 | 3 | 3 | 8000 | 65000 |
| 8328 | 0.17 | 3 | 3 | 8000 | 65000 |
| 7270 | 0.19 | 3 | 3 | 8000 | 65000 |
| 6184 | 0.23 | 3 | 3 | 8000 | 65000 |
| 5662 | 0.25 | 3 | 3 | 8000 | 65000 |
| 5138 | 0.27 | 3 | 3 | 8000 | 65000 |
| 4359 | 0.32 | 3 | 3 | 8000 | 65000 |
| 3810 | 0.37 | 3 | 3 | 8000 | 65000 |
| 3358 | 0.42 | 3 | 3 | 8000 | 65000 |
| 2977 | 0.47 | 3 | 3 | 8000 | 65000 |
| 2599 | 0.54 | 3 | 3 | 8000 | 65000 |
| 2286 | 0.61 | 3 | 3 | 8000 | 65000 |
| 1939 | 0.72 | 3 | 3 | 8000 | 65000 |
| 1713 | 0.82 | 3 | 2 | 8000 | 65000 |
| 1554 | 0.90 | 3 | 2 | 8000 | 65000 |
| 1336 | 1.0 | 3 | 2 | 8000 | 65000 |
| 1166 | 1.2 | 3 | 2 | 8000 | 65000 |
| 1030 | 1.4 | 3 | 2 | 8000 | 65000 |
| 904 | 1.5 | 3 | 2 | 8000 | 65000 |
| 793 | 1.8 | 3 | 2 | 8000 | 65000 |
| 696 | 2.0 | 3 | 2 | 8000 | 65000 |
| 615 | 2.3 | 3 | 2 | 8000 | 65000 |
| 522 | 2.7 | 3 | 2 | 8000 | 65000 |
| 461 | 3.0 | 3 | 2 | 8000 | 65000 |
| 408 | 3.4 | 3 | 2 | 8000 | 65000 |
| 364 | 3.8 | 3 | 2 | 8000 | 65000 |
| 318 | 4.4 | 3 | 2 | 8000 | 65000 |
| 286 | 4.9 | 3 | 2 | 8000 | 65000 |
| 251 | 5.6 | 3 | 2 | 8000 | 65000 |
| 222 | 6.3 | 3 | 2 | 8000 | 65000 |
| 196 | 7.1 | 3 | 2 | 8000 | 65000 |
| 174 | 8.0 | 3 | 2 | 7200 | 65000 |
| 154 | 9.1 | 3 | 2 | 7200 | 65000 |
| 140 | 10 | 3 | 2 | 7200 | 65000 |

| K127R77 | | | | 13000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K127 | Stage R77 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 17550 | 0.08 | 3 | 3 | 13000 | 79200 |
| 16006 | 0.09 | 3 | 3 | 13000 | 79200 |
| 14975 | 0.09 | 3 | 3 | 13000 | 79200 |
| 12440 | 0.11 | 3 | 3 | 13000 | 79200 |
| 10915 | 0.13 | 3 | 3 | 13000 | 79200 |
| 9819 | 0.14 | 3 | 3 | 13000 | 79200 |
| 8443 | 0.17 | 3 | 3 | 13000 | 79200 |
| 7482 | 0.19 | 3 | 3 | 13000 | 79200 |
| 6565 | 0.21 | 3 | 3 | 13000 | 79200 |
| 5804 | 0.24 | 3 | 3 | 13000 | 79200 |
| 5027 | 0.28 | 3 | 3 | 13000 | 79200 |
| 4423 | 0.32 | 3 | 3 | 13000 | 79200 |
| 3889 | 0.36 | 3 | 3 | 13000 | 79200 |
| 3311 | 0.42 | 3 | 3 | 13000 | 79200 |
| 3009 | 0.47 | 3 | 3 | 13000 | 79200 |
| 2607 | 0.54 | 3 | 3 | 13000 | 79200 |
| 2268 | 0.62 | 3 | 3 | 13000 | 79200 |
| 1926 | 0.73 | 3 | 2 | 13000 | 79200 |
| 1757 | 0.80 | 3 | 2 | 13000 | 79200 |
| 1541 | 0.91 | 3 | 2 | 13000 | 79200 |
| 1342 | 1.0 | 3 | 2 | 13000 | 79200 |
| 1177 | 1.2 | 3 | 2 | 13000 | 79200 |
| 1025 | 1.4 | 3 | 2 | 13000 | 79200 |
| 899 | 1.6 | 3 | 2 | 13000 | 79200 |
| 790 | 1.8 | 3 | 2 | 13000 | 79200 |
| 704 | 2.0 | 3 | 2 | 13000 | 79200 |
| 610 | 2.3 | 3 | 2 | 13000 | 79200 |
| 549 | 2.6 | 3 | 2 | 13000 | 79200 |
| 477 | 2.9 | 3 | 2 | 13000 | 79200 |
| 418 | 3.3 | 3 | 2 | 13000 | 79200 |



## K127R87, K157R97, K157R107 $n_e$=1400 1/min

| K127R87 | | | | 13000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K127 | Stage R87 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 536 | 2.6 | 3 | 2 | 13000 | 79200 |
| 473 | 3.0 | 3 | 2 | 13000 | 79200 |
| 418 | 3.3 | 3 | 2 | 13000 | 79200 |
| 367 | 3.8 | 3 | 2 | 13000 | 79200 |
| 330 | 4.2 | 3 | 2 | 13000 | 79200 |
| 287 | 4.9 | 3 | 2 | 13000 | 79200 |
| 253 | 5.5 | 3 | 2 | 13000 | 79200 |
| 213 | 6.6 | 3 | 2 | 13000 | 79200 |
| 200 | 7.0 | 3 | 2 | 13000 | 79700 |
| 166 | 8.4 | 3 | 2 | 13000 | 79700 |
| 147 | 9.5 | 3 | 2 | 13000 | 79700 |

| K157R97 | | | | 18000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K157 | Stage R97 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 17679 | 0.08 | 3 | 3 | 18000 | 112200 |
| 15729 | 0.09 | 3 | 3 | 18000 | 112200 |
| 14721 | 0.10 | 3 | 3 | 18000 | 112200 |
| 13097 | 0.11 | 3 | 3 | 18000 | 112200 |
| 11368 | 0.12 | 3 | 3 | 18000 | 112200 |
| 10114 | 0.14 | 3 | 3 | 18000 | 112200 |
| 8718 | 0.16 | 3 | 3 | 18000 | 112200 |
| 7734 | 0.18 | 3 | 3 | 18000 | 112200 |
| 6881 | 0.20 | 3 | 3 | 18000 | 112200 |
| 5931 | 0.24 | 3 | 3 | 18000 | 112200 |
| 5074 | 0.28 | 3 | 3 | 18000 | 112200 |
| 4514 | 0.31 | 3 | 3 | 18000 | 112200 |
| 3979 | 0.35 | 3 | 3 | 18000 | 112200 |
| 3516 | 0.40 | 3 | 3 | 18000 | 112200 |
| 3051 | 0.46 | 3 | 3 | 18000 | 112200 |
| 2610 | 0.54 | 3 | 3 | 18000 | 112200 |
| 2322 | 0.60 | 3 | 3 | 18000 | 112200 |
| 2029 | 0.69 | 3 | 3 | 18000 | 112200 |
| 1805 | 0.78 | 3 | 3 | 18000 | 112200 |
| 1659 | 0.84 | 3 | 2 | 18000 | 112200 |
| 1365 | 1.0 | 3 | 2 | 18000 | 112200 |
| 1229 | 1.1 | 3 | 2 | 18000 | 112200 |
| 1093 | 1.3 | 3 | 2 | 18000 | 112200 |
| 942 | 1.5 | 3 | 2 | 18000 | 112200 |
| 854 | 1.6 | 3 | 2 | 18000 | 112200 |
| 756 | 1.9 | 3 | 2 | 18000 | 112200 |
| 661 | 2.1 | 3 | 2 | 18000 | 112200 |
| 567 | 2.5 | 3 | 2 | 18000 | 112200 |
| 504 | 2.8 | 3 | 2 | 18000 | 112200 |
| 434 | 3.2 | 3 | 2 | 18000 | 112200 |
| 379 | 3.7 | 3 | 2 | 18000 | 112200 |
| 333 | 4.2 | 3 | 2 | 18000 | 112200 |
| 291 | 4.8 | 3 | 2 | 18000 | 112200 |

| K157R107 | | | | 18000Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K157 | Stage R107 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 385 | 3.6 | 3 | 2 | 18000 | 112200 |
| 325 | 4.3 | 3 | 2 | 18000 | 111200 |
| 299 | 4.7 | 3 | 2 | 18000 | 111200 |
| 253 | 5.5 | 3 | 2 | 18000 | 112200 |
| 230 | 6.1 | 3 | 2 | 18000 | 111200 |
| 213 | 6.6 | 3 | 2 | 18000 | 111200 |
| 187 | 7.5 | 3 | 2 | 18000 | 112200 |
| 157 | 8.9 | 3 | 2 | 18000 | 111200 |
| 122 | 11 | 3 | 2 | 18000 | 106500 |
| 107 | 13 | 3 | 2 | 18000 | 100700 |

## K167/187R97, K167/187R107 $n_e$=1400 1/min

| K167R97 | | | | | 32000Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K167 | Stage R97 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 19723 | 0.07 | 3 | 3 | 32000 | 150000 |
| 17406 | 0.08 | 3 | 3 | 32000 | 150000 |
| 15000 | 0.09 | 3 | 3 | 32000 | 150000 |
| 13238 | 0.11 | 3 | 3 | 32000 | 150000 |
| 11573 | 0.12 | 3 | 3 | 32000 | 150000 |
| 10264 | 0.14 | 3 | 3 | 32000 | 150000 |
| 8628 | 0.16 | 3 | 3 | 32000 | 150000 |
| 6562 | 0.21 | 3 | 3 | 32000 | 150000 |
| 5355 | 0.26 | 3 | 3 | 32000 | 150000 |
| 4788 | 0.29 | 3 | 3 | 32000 | 150000 |
| 4079 | 0.34 | 3 | 3 | 32000 | 150000 |
| 3376 | 0.41 | 3 | 3 | 32000 | 150000 |
| 2755 | 0.51 | 3 | 3 | 32000 | 150000 |
| 2263 | 0.62 | 3 | 3 | 32000 | 150000 |
| 2182 | 0.64 | 3 | 2 | 32000 | 150000 |
| 1704 | 0.82 | 3 | 2 | 32000 | 150000 |
| 1408 | 0.99 | 3 | 2 | 32000 | 150000 |
| 1296 | 1.1 | 3 | 2 | 32000 | 150000 |
| 1101 | 1.3 | 3 | 2 | 32000 | 150000 |
| 944 | 1.5 | 3 | 2 | 32000 | 150000 |
| 843 | 1.7 | 3 | 2 | 32000 | 150000 |
| 757 | 1.8 | 3 | 2 | 32000 | 150000 |
| 632 | 2.2 | 3 | 2 | 32000 | 150000 |
| 561 | 2.5 | 3 | 2 | 32000 | 150000 |
| 481 | 2.9 | 3 | 2 | 32000 | 150000 |
| 423 | 3.3 | 3 | 2 | 32000 | 150000 |
| 369 | 3.8 | 3 | 2 | 32000 | 150000 |

| K167R107 | | | | | 32000Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K167 | Stage R107 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 318 | 4.4 | 3 | 2 | 32000 | 150000 |
| 278 | 5.0 | 3 | 2 | 32000 | 150000 |
| 244 | 5.7 | 3 | 2 | 32000 | 150000 |
| 213 | 6.6 | 3 | 2 | 32000 | 150000 |
| 206 | 6.8 | 3 | 2 | 32000 | 150000 |
| 180 | 7.8 | 3 | 2 | 32000 | 150000 |
| 160 | 8.8 | 3 | 2 | 32000 | 150000 |
| 135 | 10 | 3 | 2 | 32000 | 150000 |
| 118 | 12 | 3 | 2 | 32000 | 150000 |

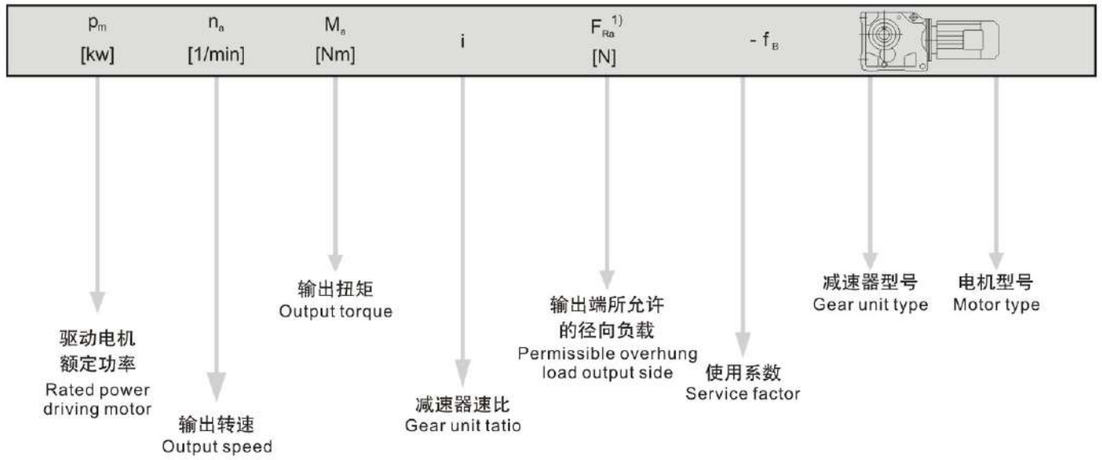
| K187R97 | | | | | 50000Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K167 | Stage R107 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 32625 | 0.04 | 3 | 3 | 50000 | 190000 |
| 27165 | 0.05 | 3 | 3 | 50000 | 190000 |
| 24353 | 0.06 | 3 | 3 | 50000 | 190000 |
| 19144 | 0.07 | 3 | 3 | 50000 | 190000 |
| 16978 | 0.08 | 3 | 3 | 50000 | 190000 |
| 14272 | 0.10 | 3 | 3 | 50000 | 190000 |
| 13116 | 0.11 | 3 | 3 | 50000 | 190000 |
| 11647 | 0.12 | 3 | 3 | 50000 | 190000 |
| 10413 | 0.13 | 3 | 3 | 50000 | 190000 |
| 9363 | 0.15 | 3 | 3 | 50000 | 190000 |
| 8126 | 0.17 | 3 | 3 | 50000 | 190000 |
| 7343 | 0.19 | 3 | 3 | 50000 | 190000 |
| 6747 | 0.21 | 3 | 3 | 50000 | 190000 |
| 5991 | 0.23 | 3 | 3 | 50000 | 190000 |
| 5358 | 0.26 | 3 | 3 | 50000 | 190000 |
| 4817 | 0.29 | 3 | 3 | 50000 | 190000 |
| 4370 | 0.32 | 3 | 3 | 50000 | 190000 |
| 3609 | 0.39 | 3 | 3 | 50000 | 190000 |
| 3062 | 0.46 | 3 | 3 | 50000 | 190000 |
| 2818 | 0.50 | 3 | 3 | 50000 | 190000 |
| 2519 | 0.56 | 3 | 2 | 50000 | 190000 |
| 2268 | 0.62 | 3 | 2 | 50000 | 190000 |
| 2054 | 0.68 | 3 | 2 | 50000 | 190000 |
| 1821 | 0.77 | 3 | 2 | 50000 | 190000 |
| 1605 | 0.87 | 3 | 2 | 50000 | 190000 |
| 1395 | 1.0 | 3 | 2 | 50000 | 190000 |
| 1196 | 1.2 | 3 | 2 | 50000 | 190000 |
| 1046 | 1.3 | 3 | 2 | 50000 | 190000 |
| 945 | 1.5 | 3 | 2 | 50000 | 190000 |
| 738 | 1.9 | 3 | 2 | 50000 | 190000 |
| 621 | 2.3 | 3 | 2 | 50000 | 190000 |
| 527 | 2.7 | 3 | 2 | 50000 | 190000 |

| K187R107 | | | | | 50000Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage K167 | Stage R97 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 835 | 1.7 | 3 | 2 | 50000 | 190000 |
| 729 | 1.9 | 3 | 2 | 50000 | 190000 |
| 622 | 2.3 | 3 | 2 | 50000 | 190000 |
| 520 | 2.7 | 3 | 2 | 50000 | 190000 |
| 454 | 3.1 | 3 | 2 | 50000 | 190000 |
| 355 | 3.9 | 3 | 2 | 50000 | 190000 |
| 261 | 5.4 | 3 | 2 | 50000 | 190000 |
| 221 | 6.3 | 3 | 2 | 50000 | 190000 |
| 193 | 7.3 | 3 | 2 | 50000 | 190000 |
| 163 | 8.6 | 3 | 2 | 50000 | 190000 |



## 7.4 选型表注释
## 7.4 Selection table

选型表的结构
Selection table geared motors




图例 Cuttine
※ 也可用于 EExe 电机。 ※ EEXE motor is optional.
1) 实心轴底脚安装减速机的径向负荷
1 ） Overhung load specified for foot – mounted gear unit with solid shaft

注意： Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.12kW** | | | | | |
| 0.08 | 11800 | 17550 | 79800 | 1.10 | |
| 0.09 | 10700 | 16006 | 80400 | 1.20 | |
| 0.09 | 9880 | 14975 | 80700 | 1.30 | K 127R77 D63S4 |
| 0.11 | 8010 | 12440 | 81500 | 1.60 | KF 127R77 D63S4 |
| 0.13 | 6920 | 10915 | 81800 | 1.90 | KA 127R77 D63S4 |
| 0.14 | 6320 | 9819 | 82000 | 2.1 | KAF 127R77 D63S4 |
| 0.16 | 5220 | 8443 | 82300 | 2.5 | |
| 0.18 | 4820 | 7482 | 82300 | 2.7 | |
| 0.10 | 9590 | 14311 | 65000 | 0.85 | |
| 0.11 | 8060 | 12211 | 65000 | 1.00 | |
| 0.13 | 6930 | 10677 | 65000 | 1.15 | |
| 0.14 | 6280 | 9524 | 65000 | 1.25 | K 107R77 D63S4 |
| 0.17 | 5410 | 8328 | 65000 | 1.50 | KF 107R77 D63S4 |
| 0.19 | 4720 | 7270 | 65000 | 1.70 | KA 107R77 D63S4 |
| 0.22 | 3760 | 6184 | 65000 | 2.1 | KAF 107R77 D63S4 |
| 0.24 | 3320 | 5662 | 65000 | 2.4 | |
| 0.27 | 3020 | 5138 | 65000 | 2.7 | |
| 0.32 | 2700 | 4359 | 65000 | 3.0 | |
| 0.17 | 5310 | 8054 | 39500 | 0.80 | |
| 0.20 | 4350 | 6970 | 40000 | 1.00 | |
| 0.23 | 3890 | 6027 | 40000 | 1.10 | K 97 R57 D63S4 |
| 0.26 | 3560 | 5391 | 40000 | 1.20 | KF 97 R57 D63S4 |
| 0.30 | 2950 | 4669 | 40000 | 1.45 | KA 97 R57 D63S4 |
| 0.34 | 2640 | 4082 | 40000 | 1.65 | KAF 97 R57 D63S4 |
| 0.39 | 2320 | 3583 | 40000 | 1.85 | |
| 0.44 | 2040 | 3108 | 40000 | 2.1 | |
| 0.50 | 1720 | 2757 | 40000 | 2.5 | |
| 0.57 | 1580 | 2419 | 40000 | 2.7 | |
| 0.65 | 1370 | 2123 | 40000 | 3.2 | |
| 0.74 | 1220 | 1856 | 40000 | 3.5 | K 97 R57 D63S4 |
| 0.85 | 1000 | 1625 | 40000 | 4.3 | KF 97 R57 D63S4 |
| 0.96 | 860 | 1430 | 40000 | 5.0 | KA 97 R57 D63S4 |
| 1.1 | 830 | 1261 | 40000 | 5.2 | KAF 97 R57 D63S4 |
| 1.2 | 725 | 1102 | 40000 | 5.9 | |
| 0.26 | 3380 | 5240 | 26300 | 0.80 | |
| 0.30 | 2850 | 4562 | 27100 | 0.95 | K 87 R57 D63S4 |
| 0.34 | 2610 | 4037 | 27400 | 1.05 | KF 87 R57 D63S4 |
| 0.38 | 2330 | 3609 | 27700 | 1.15 | KA 87 R57 D63S4 |
| 0.44 | 1990 | 3107 | 28100 | 1.35 | KAF 87 R57 D63S4 |
| 0.51 | 1700 | 2728 | 28300 | 1.60 | |
| 0.58 | 1500 | 2371 | 28500 | 1.80 | |
| 0.66 | 1380 | 2088 | 28600 | 1.95 | |
| 0.74 | 1220 | 1854 | 28700 | 2.2 | |
| 0.83 | 1090 | 1657 | 28700 | 2.5 | K 87 R57 D63S4 |
| 0.97 | 930 | 1415 | 28800 | 2.9 | KF 87 R57 D63S4 |
| 1.1 | 800 | 1229 | 28900 | 3.4 | KA 87 R57 D63S4 |
| 1.3 | 695 | 1078 | 28900 | 3.9 | KAF 87 R57 D63S4 |
| 1.5 | 585 | 951 | 29000 | 4.6 | |
| 1.6 | 505 | 837 | 29000 | 5.4 | |
| 1.9 | 435 | 726 | 29000 | 6.2 | |
| | | | | | K 77 R37 D63S4 |
| 0.51 | 1790 | 2717 | 13400 | 0.85 | KF 77 R37 D63S4 |
| 0.58 | 1510 | 2370 | 15700 | 1.05 | KA 77 R37 D63S4 |
| | | | | | KAF 77 R37 D63S4 |
| 0.67 | 1380 | 2050 | 16500 | 1.10 | |
| 0.78 | 1180 | 1772 | 17500 | 1.30 | |
| 0.91 | 1010 | 1514 | 18300 | 1.55 | |
| 0.99 | 920 | 1388 | 18600 | 1.70 | K 77 R37 D63S4 |
| 1.1 | 810 | 1218 | 19000 | 1.90 | KF 77 R37 D63S4 |
| 1.3 | 710 | 1053 | 19200 | 2.2 | KA 77 R37 D63S4 |
| 1.5 | 620 | 924 | 19500 | 2.5 | KAF 77 R37 D63S4 |
| 1.7 | 550 | 815 | 19600 | 2.8 | |
| 2.0 | 440 | 709 | 19800 | 3.5 | |
| 2.2 | 385 | 622 | 19900 | 4.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.12kW** | | | | | |
| 1.0 | 930 | 1351 | 9230 | 0.90 | |
| 1.2 | 795 | 1171 | 10500 | 1.05 | |
| 1.3 | 695 | 1034 | 11300 | 1.20 | |
| 1.5 | 585 | 903 | 12000 | 1.40 | |
| 1.7 | 545 | 793 | 12200 | 1.50 | |
| 2.0 | 440 | 697 | 12700 | 1.85 | K 67 R37 D63S4 |
| 2.2 | 390 | 613 | 12900 | 2.1 | KF 67 R37 D63S4 |
| 2.5 | 340 | 542 | 13000 | 2.4 | KA 67 R37 D63S4 |
| 2.9 | 315 | 471 | 13000 | 2.6 | KAF 67 R37 D63S4 |
| 3.3 | 265 | 420 | 13000 | 3.1 | |
| 3.8 | 235 | 361 | 13000 | 3.5 | |
| 4.3 | 210 | 323 | 13000 | 3.9 | |
| 4.9 | 176 | 279 | 13000 | 4.7 | |
| 5.6 | 155 | 246 | 13000 | 5.3 | |
| 6.3 | 134 | 217 | 13000 | 6.1 | |
| 1.5 | 585 | 906 | 7750 | 1.05 | |
| 1.7 | 525 | 806 | 8220 | 1.15 | |
| 2.0 | 445 | 699 | 8690 | 1.35 | |
| 2.2 | 390 | 615 | 8930 | 1.55 | |
| 2.5 | 340 | 544 | 9120 | 1.75 | K 57 R37 D63S4 |
| 2.9 | 310 | 473 | 9250 | 1.95 | KF 57 R37 D63S4 |
| 3.3 | 265 | 421 | 9420 | 2.3 | KA 57 R37 D63S4 |
| 3.8 | 235 | 362 | 9510 | 2.5 | KAF 57 R37 D63S4 |
| 4.3 | 210 | 319 | 9610 | 2.9 | |
| 4.9 | 176 | 280 | 9710 | 3.4 | |
| 5.6 | 155 | 246 | 9770 | 3.9 | |
| 6.4 | 135 | 215 | 9830 | 4.4 | |
| 7.2 | 122 | 192 | 9860 | 4.9 | |
| 2.2 | 430 | 639 | 2520 | 0.95 | |
| 2.5 | 370 | 552 | 6350 | 1.10 | K 47 R37 D63S4 |
| 2.8 | 315 | 495 | 6930 | 1.25 | KF 47 R37 D63S4 |
| 3.2 | 280 | 426 | 7240 | 1.45 | KA 47 R37 D63S4 |
| 3.7 | 235 | 375 | 7560 | 1.70 | KAF 47 R37 D63S4 |
| 4.2 | 215 | 327 | 7670 | 1.85 | |
| 4.8 | 189 | 289 | 7830 | 2.1 | |
| 4.0 | 235 | 346 | 4840 | 0.85 | |
| 4.5 | 200 | 304 | 5640 | 1.00 | |
| 5.2 | 182 | 267 | 5830 | 1.10 | K 37 R17 D63S4 |
| 5.9 | 157 | 234 | 6060 | 1.25 | KF 37 R17 D63S4 |
| 6.7 | 138 | 205 | 6220 | 1.45 | KA 37 R17 D63S4 |
| 7.6 | 120 | 181 | 6330 | 1.65 | KAF 37 R17 D63S4 |
| 8.6 | 105 | 160 | 6420 | 1.90 | |
| 10 | 88 | 136 | 6500 | 2.3 | |
| 6.2 | 184 | 144.79 | 13000 | 4.4 | K 67 D63M6<br>KF 67 D63M6<br>KA 67 D63M6<br>KAF 67 D63M6 |
| 6.2 | 185 | 145.14 | 9680 | 3.2 | |
| 7.3 | 158 | 123.85 | 9760 | 3.8 | K 57 D63M6 |
| 8.3 | 138 | 108.29 | 9820 | 4.3 | KF 57 D63M6 |
| 8.8 | 131 | 102.88 | 9840 | 4.6 | KA 57 D63M6 |
| 10 | 115 | 90.26 | 9880 | 5.2 | KAF 57 D63M6 |
| 12 | 98 | 76.56 | 9930 | 6.2 | |
| 9.5 | 121 | 145.14 | 9870 | 5.0 | |
| 11 | 103 | 123.85 | 9920 | 5.8 | K 57 D63S4 |
| 13 | 90 | 108.29 | 9950 | 6.7 | KF 57 D63S4 |
| 13 | 85 | 102.88 | 9960 | 7.0 | KA 57 D63S4 |
| 15 | 75 | 90.26 | 9990 | 8.0 | KAF 57 D63S4 |
| 6.8 | 168 | 131.87 | 7930 | 2.4 | K 47 D63M6 |
| 7.4 | 155 | 121.48 | 7990 | 2.6 | KF 47 D63M6 |
| 8.6 | 133 | 104.37 | 8070 | 3.0 | KA 47 D63M6<br>KAF 47 D63M6 |
| 10 | 110 | 131.87 | 8140 | 3.7 | K 47 D63S4 |
| 11 | 101 | 121.48 | 8170 | 4.0 | KF 47 D63S4<br>KA 47 D63S4<br>KAF 47 D63S4 |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.12kW** | | | | | |
| 8.5 | 136 | 106.38 | 6230 | 1.50 | K 37 D63M6 |
| 9.2 | 125 | 97.81 | 6300 | 1.60 | KF 37 D63M6 |
| 11 | 107 | 83.69 | 6410 | 1.90 | KA 37 D63M6 |
| 12 | 92 | 72.54 | 6480 | 2.2 | KAF 37 D63M6 |
| 13 | 88 | 106.38 | 6500 | 2.3 | |
| 14 | 81 | 97.81 | 6530 | 2.5 | |
| 16 | 70 | 83.69 | 6570 | 2.9 | |
| 19 | 60 | 72.54 | 6600 | 3.3 | |
| 20 | 56 | 67.80 | 6610 | 3.5 | |
| 24 | 49 | 58.60 | 6430 | 4.1 | |
| 28 | 41 | 49.79 | 6130 | 4.8 | |
| 31 | 37 | 44.46 | 5930 | 5.4 | |
| 36 | 32 | 37.97 | 5660 | 6.3 | K 37 D63S4 |
| 39 | 30 | 35.57 | 5550 | 6.8 | KF 37 D63S4 |
| 46 | 25 | 29.96 | 5270 | 8.0 | KA 37 D63S4 |
| 48 | 24 | 28.83 | 5210 | 8.4 | KAF 37 D63S4 |
| 55 | 21 | 24.99 | 4980 | 9.6 | |
| 59 | 19 | 23.36 | 4880 | 10 | |
| 68 | 17 | 20.19 | 4660 | 11 | |
| 80 | 14 | 17.15 | 4430 | 13 | |
| 90 | 13 | 15.31 | 4280 | 14 | |
| 105 | 11 | 13.08 | 4070 | 15 | |
| 114 | 10 | 12.14 | 3970 | 16 | |
| **0.18kW** | | | | | |
| 0.09 | 16300 | 14975 | 73200 | 0.80 | |
| 0.11 | 13400 | 12440 | 79000 | 0.95 | |
| 0.12 | 11600 | 10915 | 79900 | 1.10 | |
| 0.13 | 10500 | 9819 | 80400 | 1.25 | K 127R77 D63M4 |
| 0.16 | 8850 | 8443 | 81100 | 1.45 | KF 127R77 D63M4 |
| 0.18 | 8040 | 7482 | 81400 | 1.60 | KA 127R77 D63M4 |
| 0.20 | 6990 | 6565 | 81800 | 1.85 | KAF 127R77 D63M4 |
| 0.23 | 5940 | 5804 | 82100 | 2.2 | |
| 0.26 | 5220 | 5027 | 82300 | 2.5 | |
| 0.30 | 4530 | 4423 | 82400 | 2.9 | |
| 0.34 | 3960 | 3889 | 82500 | 3.3 | |
| 0.40 | 3310 | 3311 | 82600 | 3.9 | |
| 0.16 | 8990 | 8328 | 65000 | 0.90 | |
| 0.18 | 7850 | 7270 | 65000 | 1.00 | |
| 0.21 | 6420 | 6184 | 65000 | 1.25 | |
| 0.23 | 5760 | 5662 | 65000 | 1.40 | K 107R77 D63M4 |
| 0.26 | 5230 | 5138 | 65000 | 1.55 | KF 107R77 D63M4 |
| 0.30 | 4570 | 4359 | 65000 | 1.75 | KA 107R77 D63M4 |
| 0.35 | 4000 | 3810 | 65000 | 2.0 | KAF 107R77 D63M4 |
| 0.39 | 3440 | 3358 | 65000 | 2.3 | |
| 0.44 | 3090 | 2977 | 65000 | 2.6 | |
| 0.51 | 2700 | 2599 | 65000 | 3.0 | |
| 0.58 | 2340 | 2286 | 65000 | 3.4 | |
| 0.28 | 4960 | 4669 | 39900 | 0.85 | |
| 0.32 | 4390 | 4082 | 40000 | 1.00 | K 97 R57 D63M4 |
| 0.37 | 3860 | 3583 | 40000 | 1.10 | KF 97 R57 D63M4 |
| 0.42 | 3370 | 3108 | 40000 | 1.25 | KA 97 R57 D63M4 |
| 0.48 | 2910 | 2757 | 40000 | 1.50 | KAF 97 R57 D63M4 |
| 0.55 | 2640 | 2419 | 40000 | 1.65 | |
| 0.62 | 2290 | 2123 | 40000 | 1.90 | |
| 0.71 | 2030 | 1856 | 40000 | 2.1 | |
| 0.81 | 1710 | 1625 | 40000 | 2.5 | K 97 R57 D63M4 |
| 0.92 | 1490 | 1430 | 40000 | 2.9 | KF 97 R57 D63M4 |
| 1.0 | 1380 | 1261 | 40000 | 3.1 | KA 97 R57 D63M4 |
| 1.2 | 1210 | 1102 | 40000 | 3.6 | KAF 97 R57 D63M4 |
| 1.4 | 1040 | 957 | 40000 | 4.1 | |
| 1.5 | 930 | 855 | 40000 | 4.6 | |
| 1.8 | 755 | 743 | 40000 | 5.7 | |
| 2.0 | 675 | 652 | 40000 | 6.4 | |
| 0.42 | 3330 | 3107 | 26400 | 0.80 | K 87 R57 D63M4 |
| 0.48 | 2880 | 2728 | 27100 | 0.95 | KF 87 R57 D63M4 |
| 0.56 | 2520 | 2371 | 27500 | 1.05 | KA 87 R57 D63M4<br>KAF 87 R57 D63M4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.18kW** | | | | | |
| 0.63 | 2290 | 2088 | 27800 | 1.20 | |
| 0.71 | 2030 | 1854 | 28000 | 1.35 | |
| 0.80 | 1820 | 1657 | 28200 | 1.50 | |
| 0.93 | 1540 | 1415 | 28400 | 1.75 | K 87R57 D63M4 |
| 1.1 | 1340 | 1229 | 28600 | 2.0 | KF 87R57 D63M4 |
| 1.2 | 1160 | 1078 | 28700 | 2.3 | KA 87R57 D63M4 |
| 1.4 | 1000 | 951 | 28800 | 2.7 | KAF 87R57 D63M4 |
| 1.6 | 870 | 837 | 28800 | 3.1 | |
| 1.8 | 755 | 726 | 28900 | 3.6 | |
| 0.87 | 1670 | 1514 | 14500 | 0.95 | |
| 0.95 | 1530 | 1388 | 15500 | 1.00 | |
| 1.1 | 1340 | 1218 | 16700 | 1.15 | |
| 1.2 | 1170 | 1053 | 17600 | 1.35 | |
| 1.4 | 1030 | 924 | 18200 | 1.50 | K 77R37 D63M4 |
| 1.6 | 910 | 815 | 18700 | 1.70 | KF 77R37 D63M4 |
| 1.9 | 750 | 709 | 19100 | 2.1 | KA 77R37 D63M4 |
| 2.1 | 655 | 622 | 19400 | 2.4 | KAF 77R37 D63M4 |
| 2.4 | 590 | 552 | 19500 | 2.6 | |
| 2.7 | 515 | 485 | 19700 | 3.0 | |
| 3.1 | 455 | 428 | 19800 | 3.4 | |
| 3.6 | 400 | 367 | 19900 | 3.9 | |
| 1.5 | 980 | 903 | 5660 | 0.85 | |
| 1.7 | 890 | 793 | 9620 | 0.90 | |
| 1.9 | 745 | 697 | 10900 | 1.10 | |
| 2.2 | 655 | 613 | 11600 | 1.25 | K 67R37 D63M4 |
| 2.4 | 580 | 542 | 12000 | 1.40 | KF 67R37 D63M4 |
| 2.8 | 520 | 471 | 12300 | 1.60 | KA 67R37 D63M4 |
| 3.2 | 445 | 420 | 12600 | 1.85 | KAF 67R37 D63M4 |
| 3.7 | 395 | 361 | 12800 | 2.1 | |
| 4.1 | 350 | 323 | 13000 | 2.3 | |
| 4.7 | 295 | 279 | 13000 | 2.8 | |
| 2.2 | 660 | 615 | 5580 | 0.90 | |
| 2.4 | 580 | 544 | 7800 | 1.05 | |
| 2.8 | 515 | 473 | 8300 | 1.15 | |
| 3.1 | 450 | 421 | 8670 | 1.35 | K 57R37 D63M4 |
| 3.6 | 395 | 362 | 8900 | 1.50 | KF 57R37 D63M4 |
| 4.1 | 350 | 319 | 9100 | 1.75 | KA 57R37 D63M4 |
| 4.7 | 300 | 280 | 9290 | 2.0 | KAF 57R37 D63M4 |
| 5.4 | 260 | 246 | 9420 | 2.3 | |
| 6.1 | 230 | 215 | 9540 | 2.6 | |
| 6.9 | 205 | 192 | 9610 | 2.9 | |
| 7.9 | 178 | 166 | 9700 | 3.4 | |
| 3.5 | 400 | 375 | 5930 | 1.00 | |
| 4.0 | 360 | 327 | 6440 | 1.10 | |
| 4.6 | 315 | 289 | 6920 | 1.25 | K 47R37 D63M4 |
| 5.2 | 275 | 256 | 7290 | 1.45 | KF 47R37 D63M4 |
| 5.9 | 245 | 225 | 7500 | 1.65 | KA 47R37 D63M4 |
| 6.7 | 210 | 198 | 7710 | 1.90 | KAF 47R37 D63M4 |
| 7.7 | 183 | 171 | 7860 | 2.2 | |
| 8.6 | 164 | 153 | 7950 | 2.4 | |
| 10 | 142 | 131 | 8040 | 2.8 | |
| 6.4 | 225 | 205 | 5300 | 0.90 | K 37R17 D63M4 |
| 7.3 | 199 | 181 | 5650 | 1.00 | KF 37R17 D63M4 |
| 8.2 | 175 | 160 | 5900 | 1.15 | KA 37R17 D63M4 |
| 9.7 | 148 | 136 | 6140 | 1.35 | KAF 37R17 D63M4 |
| 10 | 140 | 127 | 6200 | 1.45 | |
| 6.0 | 285 | 144.79 | 13000 | 2.9 | K 67 D63L6 |
| 7.0 | 245 | 123.54 | 13000 | 3.4 | KF 67 D63L6 |
| 8.1 | 215 | 108.03 | 13000 | 3.8 | KA 67 D63L6 |
| 8.5 | 205 | 102.62 | 13000 | 4.0 | KAF 67 D63L6 |
| 9.1 | 189 | 144.79 | 13000 | 4.3 | K 67 D63M4 |
| 11 | 161 | 123.54 | 13000 | 5.1 | KF 67 D63M4 |
| 12 | 141 | 108.03 | 13000 | 5.8 | KA 67 D63M4<br>KAF 67 D63M4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.18kW** | | | | | | | |
| 6.0 | 285 | 145.14 | 9340 | 2.1 | K | 57 | D63L6 |
| 7.0 | 245 | 123.85 | 9480 | 2.5 | KF | 57 | D63L6 |
| 8.0 | 215 | 108.29 | 9590 | 2.8 | KA | 57 | D63L6 |
| 8.5 | 205 | 102.88 | 9620 | 3.0 | KAF | 57 | D63L6 |
| 9.6 | 178 | 90.26 | 9700 | 3.4 | | | |
| 9.1 | 189 | 145.14 | 9670 | 3.2 | | | |
| 11 | 161 | 123.85 | 9750 | 3.7 | K | 57 | D63M4 |
| 12 | 141 | 108.29 | 9810 | 4.3 | KF | 57 | D63M4 |
| 13 | 134 | 102.88 | 9830 | 4.5 | KA | 57 | D63M4 |
| 15 | 118 | 90.26 | 9880 | 5.1 | KAF | 57 | D63M4 |
| 17 | 100 | 76.56 | 9920 | 6.0 | | | |
| 6.6 | 260 | 131.87 | 7380 | 1.55 | | | |
| 7.2 | 240 | 121.48 | 7530 | 1.65 | K | 47 | D63L6 |
| 8.3 | 205 | 104.37 | 7740 | 1.95 | KF | 47 | D63L6 |
| 9.6 | 180 | 90.86 | 7880 | 2.2 | KA | 47 | D63L6 |
| 10 | 168 | 85.12 | 7930 | 2.4 | KAF | 47 | D63L6 |
| 10 | 172 | 131.87 | 7910 | 2.3 | | | |
| 11 | 158 | 121.48 | 7970 | 2.5 | K | 47 | D63M4 |
| 13 | 136 | 104.37 | 8060 | 2.9 | KF | 47 | D63M4 |
| 15 | 118 | 90.86 | 8120 | 3.4 | KA | 47 | D63M4 |
| 16 | 111 | 85.12 | 8140 | 3.6 | KAF | 47 | D63M4 |
| 8.2 | 210 | 106.38 | 5520 | 0.95 | K | 37 | D63L6 |
| 8.9 | 193 | 97.81 | 5710 | 1.05 | KF | 37 | D63L6 |
| 10 | 165 | 83.69 | 5990 | 1.20 | KA | 37 | D63L6 |
| 12 | 143 | 72.54 | 6170 | 1.40 | KAF | 37 | D63L6 |
| 12 | 139 | 106.38 | 6210 | 1.45 | | | |
| 14 | 127 | 97.81 | 6280 | 1.55 | | | |
| 16 | 109 | 83.69 | 6400 | 1.85 | | | |
| 18 | 95 | 72.54 | 6470 | 2.1 | | | |
| 19 | 88 | 67.80 | 6500 | 2.3 | | | |
| 23 | 76 | 58.60 | 6280 | 2.6 | | | |
| 27 | 65 | 49.79 | 6010 | 3.1 | | | |
| 30 | 58 | 44.46 | 5830 | 3.5 | | | |
| 35 | 49 | 37.97 | 5580 | 4.1 | | | |
| 37 | 46 | 35.57 | 5480 | 4.3 | K | 37 | D63M4 |
| 44 | 39 | 29.96 | 5220 | 5.1 | KF | 37 | D63M4 |
| 46 | 38 | 28.83 | 5160 | 5.3 | KA | 37 | D63M4 |
| 53 | 33 | 24.99 | 4950 | 6.2 | KAF | 37 | D63M4 |
| 57 | 30 | 23.36 | 4850 | 6.4 | | | |
| 65 | 26 | 20.19 | 4650 | 7.0 | | | |
| 77 | 22 | 17.15 | 4430 | 8.1 | | | |
| 86 | 20 | 15.31 | 4280 | 8.8 | | | |
| 101 | 17 | 13.08 | 4080 | 9.7 | | | |
| 109 | 16 | 12.14 | 3980 | 10 | | | |
| 126 | 14 | 10.49 | 3810 | 12 | | | |
| 148 | 12 | 8.91 | 3620 | 14 | | | |
| 166 | 10 | 7.96 | 3490 | 15 | | | |
| **0.25kW** | | | | | | | |
| 0.13 | 15300 | 9819 | 75300 | 0.85 | | | |
| 0.15 | 13000 | 8443 | 79200 | 1.00 | | | |
| 0.17 | 11700 | 7482 | 79900 | 1.10 | K | 127 R77 | D63L4 |
| 0.20 | 10200 | 6565 | 80600 | 1.30 | KF | 127 R77 | D63L4 |
| 0.22 | 8770 | 5804 | 81200 | 1.50 | KA | 127 R77 | D63L4 |
| 0.26 | 7670 | 5027 | 81600 | 1.70 | KAF | 127 R77 | D63L4 |
| 0.29 | 6680 | 4423 | 81900 | 1.95 | | | |
| 0.33 | 5850 | 3889 | 82100 | 2.2 | | | |
| 0.39 | 4930 | 3311 | 82300 | 2.6 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 0.21 | 9440 | 6184 | 65000 | 0.85 | | | |
| 0.23 | 8520 | 5662 | 65000 | 0.95 | | | |
| 0.25 | 7730 | 5138 | 65000 | 1.05 | | | |
| 0.30 | 6700 | 4359 | 65000 | 1.20 | K | 107R77 | D63L4 |
| 0.34 | 5850 | 3810 | 65000 | 1.35 | KF | 107R77 | D63L4 |
| 0.39 | 5070 | 3358 | 65000 | 1.60 | KA | 107R77 | D63L4 |
| 0.44 | 4540 | 2977 | 65000 | 1.75 | KAF | 107R77 | D63L4 |
| 0.50 | 3970 | 2599 | 65000 | 2.0 | | | |
| 0.57 | 3450 | 2286 | 65000 | 2.3 | | | |
| 0.67 | 2930 | 1939 | 65000 | 2.7 | | | |
| 0.76 | 2640 | 1713 | 65000 | 3.0 | K | 107R77 | D63L4 |
| 0.84 | 2390 | 1554 | 65000 | 3.3 | KF | 107R77 | D63L4 |
| 0.97 | 2060 | 1336 | 65000 | 3.9 | KA | 107R77 | D63L4 |
| | | | | | KAF | 107R77 | D63L4 |
| | | | | | K | 97 R57 | D63L4 |
| 0.42 | 4890 | 3108 | 40000 | 0.90 | KF | 97 R57 | D63L4 |
| 0.47 | 4250 | 2757 | 40000 | 1.00 | KA | 97 R57 | D63L4 |
| | | | | | KAF | 97 R57 | D63L4 |
| 0.54 | 3840 | 2419 | 40000 | 1.10 | | | |
| 0.61 | 3340 | 2123 | 40000 | 1.30 | | | |
| 0.70 | 2950 | 1856 | 40000 | 1.45 | K | 97 R57 | D63L4 |
| 0.80 | 2520 | 1625 | 40000 | 1.70 | KF | 97 R57 | D63L4 |
| 0.91 | 2190 | 1430 | 40000 | 1.95 | KA | 97 R57 | D63L4 |
| 1.0 | 2010 | 1261 | 40000 | 2.1 | KAF | 97 R57 | D63L4 |
| 1.2 | 1750 | 1102 | 40000 | 2.5 | | | |
| 1.4 | 1520 | 957 | 40000 | 2.8 | | | |
| 1.5 | 1360 | 855 | 40000 | 3.2 | | | |
| 0.62 | 3320 | 2088 | 26400 | 0.80 | | | |
| 0.70 | 2950 | 1854 | 27000 | 0.90 | | | |
| 0.78 | 2640 | 1657 | 27400 | 1.00 | K | 87 R57 | D63L4 |
| 0.92 | 2250 | 1415 | 27800 | 1.20 | KF | 87 R57 | D63L4 |
| 1.1 | 1950 | 1229 | 28100 | 1.40 | KA | 87 R57 | D63L4 |
| 1.2 | 1700 | 1078 | 28300 | 1.60 | KAF | 87 R57 | D63L4 |
| 1.4 | 1470 | 951 | 28500 | 1.85 | | | |
| 1.5 | 1280 | 837 | 28600 | 2.1 | | | |
| 1.8 | 1110 | 726 | 28700 | 2.4 | | | |
| 2.0 | 990 | 638 | 28800 | 2.7 | | | |
| 1.2 | 1690 | 1053 | 14300 | 0.90 | | | |
| 1.4 | 1480 | 924 | 15800 | 1.05 | | | |
| 1.6 | 1310 | 815 | 16900 | 1.20 | | | |
| 1.8 | 1100 | 709 | 17900 | 1.40 | | | |
| 2.1 | 960 | 622 | 18400 | 1.60 | | | |
| 2.3 | 860 | 552 | 18000 | 1.80 | K | 77 R37 | D63L4 |
| 2.7 | 755 | 485 | 19100 | 2.0 | KF | 77 R37 | D63L4 |
| 3.0 | 665 | 428 | 19300 | 2.3 | KA | 77 R37 | D63L4 |
| 3.5 | 580 | 367 | 19500 | 2.7 | KAF | 77 R37 | D63L4 |
| 4.0 | 515 | 328 | 19700 | 3.0 | | | |
| 4.5 | 460 | 290 | 19800 | 3.4 | | | |
| 5.2 | 395 | 252 | 19900 | 3.9 | | | |
| 5.9 | 345 | 221 | 19900 | 4.5 | | | |
| 6.7 | 305 | 195 | 20000 | 5.1 | | | |
| 7.4 | 270 | 175 | 20000 | 5.7 | | | |
| 2.1 | 960 | 613 | 7350 | 0.85 | | | |
| 2.4 | 850 | 542 | 10100 | 0.95 | | | |
| 2.8 | 755 | 471 | 10900 | 1.10 | K | 67 R37 | D63L4 |
| 3.1 | 655 | 420 | 11600 | 1.25 | KF | 67 R37 | D63L4 |
| 3.6 | 575 | 361 | 12000 | 1.45 | KA | 67 R37 | D63L4 |
| 4.0 | 510 | 323 | 12400 | 1.60 | KAF | 67 R37 | D63L4 |
| 4.7 | 435 | 279 | 12700 | 1.90 | | | |
| 5.3 | 385 | 246 | 12900 | 2.1 | | | |
| 6.0 | 335 | 217 | 13000 | 2.4 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 3.1 | 655 | 421 | 5750 | 0.90 | | | |
| 3.6 | 575 | 362 | 7840 | 1.05 | | | |
| 4.1 | 505 | 319 | 8380 | 1.20 | | | |
| 4.7 | 435 | 280 | 8720 | 1.35 | | | |
| 5.3 | 385 | 246 | 8950 | 1.55 | K | 57 R37 | D63L4 |
| 6.1 | 335 | 215 | 9150 | 1.80 | KF | 57 R37 | D63L4 |
| 6.8 | 300 | 192 | 9280 | 2.0 | KA | 57 R37 | D63L4 |
| 7.8 | 260 | 166 | 9430 | 2.3 | KAF | 57 R37 | D63L4 |
| 9.0 | 225 | 145 | 9550 | 2.7 | | | |
| 10 | 205 | 129 | 9620 | 2.9 | | | |
| 12 | 173 | 111 | 9720 | 3.5 | | | |
| 13 | 152 | 97 | 9780 | 4.0 | | | |
| 4.4 | 540 | 154.02 | 19600 | 2.9 | K | 77 | D80N8 |
| 5.0 | 475 | 135.28 | 19700 | 3.3 | KF | 77 | D80N8 |
| 5.3 | 450 | 128.52 | 19800 | 3.4 | KA | 77 | D80N8 |
| 6.0 | 400 | 113.56 | 19900 | 3.9 | KAF | 77 | D80N8 |
| 4.6 | 520 | 192.18 | 19700 | 2.8 | K | 77 | D71D6 |
| 4.9 | 485 | 179.37 | 19700 | 3.0 | KF | 77 | D71D6 |
| 5.7 | 420 | 154.02 | 19800 | 3.7 | KA | 77 | D71D6 |
| 6.5 | 365 | 135.28 | 19900 | 4.2 | KAF | 77 | D71D6 |
| 5.5 | 435 | 123.54 | 12700 | 1.90 | K | 67 | D80N8 |
| 6.3 | 380 | 108.03 | 12900 | 2.2 | KF | 67 | D80N8 |
| 6.6 | 360 | 102.62 | 12900 | 2.3 | KA | 67 | D80N8 |
| 7.6 | 315 | 90.04 | 13000 | 2.6 | KAF | 67 | D80N8 |
| 6.1 | 395 | 144.79 | 12800 | 2.1 | K | 67 | D71D6 |
| 7.1 | 335 | 123.54 | 13000 | 2.5 | KF | 67 | D71D6 |
| 8.1 | 395 | 108.03 | 13000 | 2.8 | KA | 67 | D71D6 |
| 8.6 | 280 | 102.62 | 13000 | 3.0 | KAF | 67 | D71D6 |
| 9.0 | 265 | 144.79 | 13000 | 3.1 | K | 67 | D63L4 |
| 11 | 225 | 123.54 | 13000 | 3.6 | KF | 67 | D63L4 |
| 12 | 198 | 108.03 | 13000 | 4.1 | KA | 67 | D63L4 |
| 13 | 189 | 102.62 | 13000 | 4.3 | KAF | 67 | D63L4 |
| 6.1 | 395 | 145.14 | 8910 | 1.50 | | | |
| 7.1 | 335 | 123.85 | 9150 | 1.80 | K | 57 | D71D6 |
| 8.1 | 295 | 108.29 | 9310 | 2.0 | KF | 57 | D71D6 |
| 8.6 | 280 | 102.88 | 9360 | 2.2 | KA | 57 | D71D6 |
| 9.8 | 245 | 90.26 | 9480 | 2.5 | KAF | 57 | D71D6 |
| 11 | 210 | 76.56 | 9610 | 2.9 | | | |
| 9.0 | 265 | 145.14 | 9410 | 2.2 | | | |
| 11 | 225 | 123.85 | 9540 | 2.6 | K | 57 | D63L4 |
| 12 | 199 | 108.29 | 9640 | 3.0 | KF | 57 | D63L4 |
| 13 | 189 | 102.88 | 9670 | 3.2 | KA | 57 | D63L4 |
| 14 | 166 | 90.26 | 9740 | 3.6 | KAF | 57 | D63L4 |
| 17 | 141 | 76.56 | 9810 | 4.3 | | | |
| 6.7 | 360 | 131.87 | 6470 | 1.10 | | | |
| 7.2 | 330 | 121.48 | 6780 | 1.20 | K | 47 | D71D6 |
| 8.4 | 285 | 104.37 | 7210 | 1.40 | KF | 47 | D71D6 |
| 9.7 | 245 | 90.86 | 7480 | 1.60 | KA | 47 | D71D6 |
| 10 | 230 | 85.12 | 7590 | 1.75 | KAF | 47 | D71D6 |
| 9.9 | 240 | 131.87 | 7510 | 1.65 | | | |
| 11 | 225 | 121.48 | 7640 | 1.80 | K | 47 | D63L4 |
| 12 | 192 | 104.37 | 7820 | 2.1 | KF | 47 | D63L4 |
| 14 | 167 | 90.86 | 7930 | 2.4 | KA | 47 | D63L4 |
| 15 | 156 | 85.12 | 7980 | 2.6 | KAF | 47 | D63L4 |
| 11 | 225 | 83.69 | 5300 | 0.90 | | | |
| 12 | 197 | 72.54 | 5680 | 1.00 | K | 37 | D71D6 |
| 13 | 184 | 67.80 | 5810 | 1.10 | KF | 37 | D71D6 |
| 15 | 159 | 58.60 | 6050 | 1.25 | KA | 37 | D71D6 |
| 18 | 135 | 49.79 | 6230 | 1.50 | KAF | 37 | D71D6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 12 | 195 | 106.38 | 5690 | 1.00 | | | |
| 13 | 180 | 97.81 | 5860 | 1.10 | | | |
| 16 | 154 | 83.69 | 6090 | 1.30 | | | |
| 18 | 133 | 72.54 | 6250 | 1.50 | | | |
| 19 | 125 | 67.80 | 6230 | 1.60 | | | |
| 22 | 108 | 58.60 | 6030 | 1.85 | | | |
| 26 | 91 | 49.79 | 5810 | 2.2 | | | |
| 29 | 82 | 44.46 | 5650 | 2.5 | | | |
| 34 | 70 | 37.97 | 5430 | 2.9 | | | |
| 37 | 65 | 35.57 | 5340 | 3.1 | | | |
| 43 | 55 | 29.96 | 5100 | 3.6 | K | 37 | D63L4 |
| 45 | 53 | 28.83 | 5050 | 3.8 | KF | 37 | D63L4 |
| 52 | 46 | 24.99 | 4860 | 4.4 | KA | 37 | D63L4 |
| 56 | 43 | 23.36 | 4770 | 4.6 | KAF | 37 | D63L4 |
| 64 | 37 | 20.19 | 4580 | 5.0 | | | |
| 76 | 32 | 17.15 | 4370 | 5.7 | | | |
| 85 | 28 | 15.31 | 4230 | 6.2 | | | |
| 99 | 24 | 13.08 | 4030 | 6.9 | | | |
| 107 | 22 | 12.14 | 3940 | 7.2 | | | |
| 124 | 19 | 10.49 | 3780 | 8.3 | | | |
| 146 | 16 | 8.91 | 3590 | 9.8 | | | |
| 163 | 15 | 7.96 | 3470 | 11 | | | |
| 191 | 13 | 6.80 | 3310 | 12 | | | |
| 204 | 12 | 6.37 | 3240 | 12 | | | |
| **0.37kW** | | | | | | | |
| 0.18 | 16600 | 7482 | 72600 | 0.80 | | | |
| 0.21 | 14500 | 6565 | 76900 | 0.90 | K | 127 R77 | D71D4 |
| 0.24 | 12600 | 5804 | 79400 | 1.05 | KF | 127 R77 | D71D4 |
| 0.27 | 11000 | 5027 | 80200 | 1.20 | KA | 127 R77 | D71D4 |
| 0.31 | 9610 | 4423 | 80800 | 1.35 | KAF | 127 R77 | D71D4 |
| 0.35 | 8430 | 3889 | 81300 | 1.55 | | | |
| 0.42 | 7120 | 3311 | 81700 | 1.85 | | | |
| 0.72 | 4230 | 1926 | 82500 | 3.1 | K | 127 R77 | D71D4 |
| 0.79 | 3860 | 1757 | 82500 | 3.4 | KF | 127 R77 | D71D4 |
| 0.90 | 3360 | 1541 | 82600 | 3.9 | KA | 127 R77 | D71D4 |
| | | | | | KAF | 127 R77 | D71D4 |
| 0.36 | 8380 | 3810 | 65000 | 0.95 | | | |
| 0.41 | 7300 | 3358 | 65000 | 1.10 | K | 107 R77 | D71D4 |
| 0.46 | 6510 | 2977 | 65000 | 1.25 | KF | 107 R77 | D71D4 |
| 0.53 | 5690 | 2599 | 65000 | 1.40 | KA | 107 R77 | D71D4 |
| 0.60 | 4970 | 2286 | 65000 | 1.60 | KAF | 107 R77 | D71D4 |
| 0.71 | 4210 | 1939 | 65000 | 1.90 | | | |
| 0.81 | 3790 | 1713 | 65000 | 2.1 | K | 107 R77 | D71D4 |
| 0.89 | 3440 | 1554 | 65000 | 2.3 | KF | 107 R77 | D71D4 |
| 1.0 | 2950 | 1336 | 65000 | 2.7 | KA | 107 R77 | D71D4 |
| 1.2 | 2580 | 1168 | 65000 | 3.1 | KAF | 107 R77 | D71D4 |
| 0.65 | 4770 | 2123 | 40000 | 0.90 | | | |
| 0.74 | 4200 | 1856 | 40000 | 1.00 | | | |
| 0.85 | 3610 | 1625 | 40000 | 1.20 | | | |
| 0.96 | 3160 | 1430 | 40000 | 1.35 | K | 97 R57 | D71D4 |
| 1.1 | 2850 | 1261 | 40000 | 1.50 | KF | 97 R57 | D71D4 |
| 1.2 | 2490 | 1102 | 40000 | 1.70 | KA | 97 R57 | D71D4 |
| 1.4 | 2160 | 957 | 40000 | 2.0 | KAF | 97 R57 | D71D4 |
| 1.6 | 1930 | 855 | 40000 | 2.2 | | | |
| 1.9 | 1620 | 743 | 40000 | 2.7 | | | |
| 2.1 | 1430 | 652 | 40000 | 3.0 | | | |
| 2.4 | 1280 | 573 | 40000 | 3.4 | | | |
| 0.97 | 3200 | 1415 | 26600 | 0.85 | | | |
| 1.1 | 2770 | 1229 | 27200 | 0.95 | | | |
| 1.3 | 2420 | 1078 | 27600 | 1.10 | | | |
| 1.5 | 2110 | 951 | 27900 | 1.30 | K | 87 R57 | D71D4 |
| 1.6 | 1850 | 837 | 28200 | 1.45 | KF | 87 R57 | D71D4 |
| 1.9 | 1600 | 726 | 28400 | 1.70 | KA | 87 R57 | D71D4 |
| 2.2 | 1420 | 638 | 28500 | 1.90 | KAF | 87 R57 | D71D4 |
| 2.5 | 1240 | 562 | 28600 | 2.2 | | | |
| 2.9 | 1040 | 474 | 28800 | 2.6 | | | |
| 3.2 | 940 | 426 | 28800 | 2.9 | | | |
| 3.7 | 810 | 373 | 28900 | 3.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 1.7 | 1860 | 815 | 10600 | 0.85 | | | |
| 2.0 | 1580 | 709 | 15200 | 1.00 | | | |
| 2.2 | 1380 | 622 | 16500 | 1.10 | | | |
| 2.5 | 1230 | 552 | 17300 | 1.25 | | | |
| 2.8 | 1080 | 485 | 18000 | 1.45 | K | 77R37 | D71D4 |
| 3.2 | 950 | 428 | 18500 | 1.60 | KF | 77R37 | D71D4 |
| 3.8 | 830 | 367 | 18900 | 1.85 | KA | 77R37 | D71D4 |
| 4.2 | 735 | 328 | 19200 | 2.1 | KAF | 77R37 | D71D4 |
| 4.8 | 655 | 290 | 19400 | 2.4 | | | |
| 5.5 | 565 | 252 | 19600 | 2.8 | | | |
| 6.2 | 495 | 221 | 19700 | 3.1 | | | |
| 7.1 | 435 | 195 | 19800 | 3.5 | | | |
| 7.9 | 390 | 175 | 19900 | 4.0 | | | |
| 9.0 | 340 | 154 | 19900 | 4.5 | | | |
| 3.3 | 940 | 420 | 9000 | 0.90 | | | |
| 3.8 | 820 | 361 | 10300 | 1.00 | | | |
| 4.3 | 725 | 323 | 11100 | 1.15 | | | |
| 4.9 | 625 | 279 | 11800 | 1.30 | K | 67R37 | D71D4 |
| 5.6 | 550 | 246 | 12200 | 1.50 | KF | 67R37 | D71D4 |
| 6.3 | 485 | 217 | 12500 | 1.70 | KA | 67R37 | D71D4 |
| 7.2 | 430 | 191 | 12700 | 1.90 | KAF | 67R37 | D71D4 |
| 8.3 | 370 | 166 | 12900 | 2.2 | | | |
| 9.6 | 320 | 144 | 13000 | 2.5 | | | |
| 11 | 275 | 122 | 13000 | 3.0 | | | |
| 4.9 | 625 | 280 | 7430 | 0.95 | | | |
| 5.6 | 550 | 246 | 8040 | 1.10 | | | |
| 6.4 | 480 | 215 | 8520 | 1.25 | | | |
| 7.2 | 430 | 192 | 8750 | 1.40 | K | 57R37 | D71D4 |
| 8.3 | 370 | 166 | 9000 | 1.60 | KF | 57R37 | D71D4 |
| 9.6 | 325 | 145 | 9200 | 1.85 | KA | 57R37 | D71D4 |
| 11 | 290 | 129 | 9320 | 2.1 | KAF | 57R37 | D71D4 |
| 12 | 245 | 111 | 9480 | 2.4 | | | |
| 14 | 215 | 97 | 9580 | 2.8 | | | |
| 3.9 | 910 | 174.19 | 28800 | 3.0 | K | 87 | D90S8 |
| 4.1 | 850 | 164.34 | 28900 | 3.2 | KF | 87 | D90S8 |
| 4.6 | 765 | 147.32 | 28900 | 3.5 | KA | 87 | D90S8 |
| | | | | | KAF | 87 | D90S8 |
| 4.6 | 775 | 197.37 | 28900 | 3.5 | K | 87 | D80K6 |
| 5.2 | 685 | 174.19 | 28900 | 4.0 | KF | 87 | D80K6 |
| | | | | | KA | 87 | D80K6 |
| | | | | | KAF | 87 | D80K6 |
| 5.0 | 705 | 135.28 | 19300 | 2.2 | K | 77 | D90S8 |
| 5.3 | 670 | 128.52 | 19300 | 2.3 | KF | 77 | D90S8 |
| 6.0 | 590 | 113.56 | 19500 | 2.6 | KA | 77 | D90S8 |
| 7.0 | 505 | 97.05 | 19700 | 3.1 | KAF | 77 | D90S8 |
| 5.8 | 605 | 154.02 | 19500 | 2.6 | K | 77 | D80K6 |
| 6.7 | 530 | 135.28 | 19600 | 2.9 | KF | 77 | D80K6 |
| 7.0 | 505 | 128.52 | 19700 | 3.1 | KA | 77 | D80K6 |
| 7.9 | 445 | 113.56 | 19800 | 3.5 | KAF | 77 | D80K6 |
| 7.2 | 490 | 192.18 | 19700 | 3.0 | K | 77 | D71D4 |
| 7.7 | 460 | 179.37 | 19800 | 3.2 | KF | 77 | D71D4 |
| 9.0 | 395 | 154.02 | 19900 | 3.9 | KA | 77 | D71D4 |
| | | | | | KAF | 77 | D71D4 |
| 6.3 | 560 | 108.03 | 12100 | 1.45 | K | 67 | D90S8 |
| 6.6 | 535 | 102.62 | 12300 | 1.55 | KF | 67 | D90S8 |
| 7.6 | 470 | 90.04 | 12600 | 1.75 | KA | 67 | D90S8 |
| | | | | | KAF | 67 | D90S8 |
| 7.3 | 485 | 123.54 | 12500 | 1.70 | K | 67 | D80K6 |
| 8.3 | 425 | 108.03 | 12700 | 1.95 | KF | 67 | D80K6 |
| 8.8 | 405 | 102.62 | 12800 | 2.0 | KA | 67 | D80K6 |
| 10 | 355 | 90.04 | 13000 | 2.3 | KAF | 67 | D80K6 |
| 9.5 | 370 | 144.79 | 12900 | 2.2 | K | 67 | D71D4 |
| 11 | 315 | 123.54 | 13000 | 2.6 | KF | 67 | D71D4 |
| 13 | 275 | 108.03 | 13000 | 3.0 | KA | 67 | D71D4 |
| 15 | 230 | 90.04 | 13000 | 3.6 | KAF | 67 | D71D4 |
| 18 | 196 | 76.37 | 13000 | 4.2 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 7.3 | 485 | 123.85 | 8490 | 1.25 | | | |
| 8.3 | 425 | 108.29 | 8770 | 1.40 | K | 57 | D80K6 |
| 8.8 | 405 | 102.88 | 8870 | 1.50 | KF | 57 | D80K6 |
| 10 | 355 | 90.26 | 9070 | 1.70 | KA | 57 | D80K6 |
| 12 | 300 | 76.56 | 9280 | 2.0 | KAF | 57 | D80K6 |
| 13 | 270 | 69.12 | 9390 | 2.2 | | | |
| 9.5 | 370 | 145.14 | 9000 | 1.60 | | | |
| 11 | 315 | 123.85 | 9220 | 1.90 | K | 57 | D71D4 |
| 13 | 275 | 108.29 | 9370 | 2.2 | KF | 57 | D71D4 |
| 13 | 265 | 102.88 | 9420 | 2.3 | KA | 57 | D71D4 |
| 15 | 230 | 90.26 | 9530 | 2.6 | KAF | 57 | D71D4 |
| 18 | 196 | 76.56 | 9650 | 3.1 | | | |
| 20 | 177 | 69.12 | 9700 | 3.4 | | | |
| 8.6 | 410 | 104.37 | 5490 | 1.00 | K | 47 | D80K6 |
| 9.9 | 355 | 90.86 | 6480 | 1.10 | KF | 47 | D80K6 |
| 11 | 335 | 85.12 | 6730 | 1.20 | KA | 47 | D80K6 |
| 12 | 295 | 75.20 | 7100 | 1.35 | KAF | 47 | D80K6 |
| 10 | 340 | 131.87 | 6690 | 1.20 | K | 47 | D71D4 |
| 11 | 310 | 121.48 | 6960 | 1.30 | KF | 47 | D71D4 |
| 13 | 265 | 104.37 | 7330 | 1.50 | KA | 47 | D71D4 |
| | | | | | KAF | 47 | D71D4 |
| 15 | 235 | 90.86 | 7580 | 1.70 | K | 47 | D71D4 |
| 16 | 220 | 85.12 | 7670 | 1.85 | KF | 47 | D71D4 |
| 18 | 193 | 75.20 | 7810 | 2.1 | KA | 47 | D71D4 |
| 20 | 179 | 69.84 | 7880 | 2.2 | KAF | 47 | D71D4 |
| 22 | 162 | 63.30 | 7960 | 2.5 | | | |
| 14 | 250 | 97.81 | 2520 | 0.80 | | | |
| 16 | 215 | 83.69 | 5470 | 0.95 | | | |
| 19 | 186 | 72.54 | 5690 | 1.10 | | | |
| 20 | 174 | 67.80 | 5630 | 1.15 | | | |
| 24 | 150 | 58.60 | 5510 | 1.35 | | | |
| 28 | 128 | 49.79 | 5350 | 1.55 | | | |
| 31 | 114 | 44.46 | 5230 | 1.75 | | | |
| 36 | 97 | 37.97 | 5060 | 2.1 | | | |
| 39 | 91 | 35.57 | 4990 | 2.2 | | | |
| 46 | 77 | 29.96 | 4800 | 2.6 | K | 37 | D71D4 |
| 48 | 74 | 28.83 | 4750 | 2.7 | KF | 37 | D71D4 |
| 55 | 64 | 24.99 | 4590 | 3.1 | KA | 37 | D71D4 |
| 59 | 60 | 23.36 | 4510 | 3.3 | KAF | 37 | D71D4 |
| 68 | 52 | 20.19 | 4350 | 3.6 | | | |
| 80 | 44 | 17.15 | 4160 | 4.1 | | | |
| 90 | 39 | 15.31 | 4040 | 4.5 | | | |
| 105 | 34 | 13.08 | 3860 | 4.9 | | | |
| 114 | 31 | 12.14 | 3780 | 5.1 | | | |
| 132 | 27 | 10.49 | 3630 | 5.9 | | | |
| 155 | 23 | 8.91 | 3460 | 7.0 | | | |
| 173 | 20 | 7.96 | 3350 | 7.6 | | | |
| 203 | 17 | 6.80 | 3190 | 8.6 | | | |
| 217 | 16 | 6.37 | 3130 | 8.9 | | | |
| 257 | 14 | 5.36 | 2970 | 10 | | | |
| **0.55kW** | | | | | | | |
| 0.08 | 55900 | 16978 | 179800 | 0.90 | | | |
| 0.10 | 46500 | 14272 | 190000 | 1.10 | K | 187R97 | D80K4 |
| 0.10 | 42500 | 13116 | 190000 | 1.20 | | | |
| 0.12 | 37400 | 11647 | 190000 | 1.35 | | | |
| 0.19 | 23900 | 7343 | 190000 | 2.1 | | | |
| 0.12 | 38400 | 11573 | 150000 | 0.85 | | | |
| 0.13 | 33800 | 10264 | 150000 | 0.95 | | | |
| 0.16 | 28100 | 8628 | 150000 | 1.15 | K | 167R97 | D80K4 |
| 0.21 | 21400 | 6562 | 150000 | 1.50 | | | |
| 0.25 | 17200 | 5355 | 150000 | 1.85 | | | |
| 0.33 | 13200 | 4079 | 150000 | 2.4 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 0.20 | 22400 | 6881 | 109700 | 0.80 | K | 157R97 | D80K4 |
| 0.23 | 19300 | 5931 | 111500 | 0.95 | KF | 157R97 | D80K4 |
| 0.34 | 13000 | 3979 | 114400 | 1.40 | KA | 157R97 | D80K4 |
| 0.45 | 9940 | 3051 | 115300 | 1.80 | KAF | 157R97 | D80K4 |
| 0.31 | 14900 | 4423 | 76200 | 0.85 | K | 127R77 | D80K4 |
| 0.35 | 13000 | 3889 | 79200 | 1.00 | KF | 127R77 | D80K4 |
| 0.41 | 11100 | 3311 | 80200 | 1.20 | KA | 127R77 | D80K4 |
| 0.45 | 10000 | 3009 | 80700 | 1.30 | KAF | 127R77 | D80K4 |
| 0.52 | 8630 | 2607 | 81200 | 1.50 | | | |
| 0.71 | 6560 | 1926 | 81900 | 2.0 | | | |
| 0.77 | 5980 | 1757 | 82100 | 2.2 | K | 127R77 | D80K4 |
| 0.88 | 5220 | 1541 | 82300 | 2.5 | KF | 127R77 | D80K4 |
| 1.0 | 4570 | 1342 | 82400 | 2.8 | KA | 127R77 | D80K4 |
| 1.2 | 3990 | 1177 | 82500 | 3.3 | KAF | 127R77 | D80K4 |
| 1.3 | 3490 | 1025 | 82600 | 3.7 | | | |
| 0.46 | 10100 | 2977 | 65000 | 0.80 | K | 107R77 | D80K4 |
| 0.52 | 8770 | 2599 | 65000 | 0.90 | KF | 107R77 | D80K4 |
| 0.59 | 7690 | 2286 | 65000 | 1.05 | KA | 107R77 | D80K4 |
| 0.70 | 6520 | 1939 | 65000 | 1.25 | KAF | 107R77 | D80K4 |
| 0.79 | 5850 | 1713 | 65000 | 1.35 | | | |
| 0.87 | 5310 | 1554 | 65000 | 1.50 | | | |
| 1.0 | 4570 | 1336 | 65000 | 1.75 | K | 107R77 | D80K4 |
| 1.2 | 3990 | 1166 | 65000 | 2.0 | KF | 107R77 | D80K4 |
| 1.3 | 3450 | 1030 | 65000 | 2.3 | KA | 107R77 | D80K4 |
| 1.5 | 3000 | 904 | 65000 | 2.7 | KAF | 107R77 | D80K4 |
| 1.7 | 2700 | 793 | 65000 | 3.0 | | | |
| 2.0 | 2360 | 696 | 65000 | 3.4 | | | |
| 2.2 | 2050 | 615 | 65000 | 3.9 | | | |
| 0.95 | 4880 | 1430 | 40000 | 0.90 | | | |
| 1.1 | 4380 | 1261 | 40000 | 1.00 | | | |
| 1.2 | 3820 | 1102 | 40000 | 1.15 | | | |
| 1.4 | 3320 | 957 | 40000 | 1.30 | | | |
| 1.6 | 2960 | 855 | 40000 | 1.45 | K | 97 R57 | D80K4 |
| 1.8 | 2520 | 743 | 40000 | 1.70 | KF | 97 R57 | D80K4 |
| 2.1 | 2220 | 652 | 40000 | 1.95 | KA | 97 R57 | D80K4 |
| 2.4 | 1970 | 573 | 40000 | 2.2 | KAF | 97 R57 | D80K4 |
| 2.7 | 1700 | 504 | 40000 | 2.5 | | | |
| 3.1 | 1470 | 437 | 40000 | 2.9 | | | |
| 3.6 | 1300 | 382 | 40000 | 3.3 | | | |
| 4.5 | 1040 | 305 | 40000 | 4.1 | | | |
| 1.4 | 3260 | 951 | 26500 | 0.85 | | | |
| 1.6 | 2860 | 837 | 27100 | 0.95 | | | |
| 1.9 | 2480 | 726 | 27600 | 1.10 | | | |
| 2.1 | 2190 | 638 | 27900 | 1.25 | | | |
| 2.4 | 1920 | 562 | 28100 | 1.40 | K | 87 R57 | D80K4 |
| 2.9 | 1620 | 474 | 28400 | 1.65 | KF | 87 R57 | D80K4 |
| 3.2 | 1450 | 426 | 28500 | 1.85 | KA | 87 R57 | D80K4 |
| 3.7 | 1260 | 373 | 28600 | 2.1 | KAF | 87 R57 | D80K4 |
| 4.1 | 1110 | 330 | 28700 | 2.4 | | | |
| 4.6 | 990 | 294 | 28800 | 2.7 | | | |
| 5.4 | 850 | 250 | 28900 | 3.2 | | | |
| 5.8 | 800 | 236 | 28900 | 3.4 | | | |
| 6.8 | 680 | 201 | 28900 | 4.0 | | | |
| 2.5 | 1900 | 552 | 5780 | 0.80 | | | |
| 2.8 | 1670 | 485 | 14500 | 0.95 | | | |
| 3.2 | 1470 | 428 | 15900 | 1.05 | | | |
| 3.7 | 1270 | 367 | 17100 | 1.20 | K | 77 R37 | D80K4 |
| 4.2 | 1130 | 328 | 17800 | 1.35 | KF | 77 R37 | D80K4 |
| 4.7 | 1000 | 290 | 18300 | 1.55 | KA | 77 R37 | D80K4 |
| 5.4 | 870 | 252 | 18800 | 1.80 | KAF | 77 R37 | D80K4 |
| 6.2 | 760 | 221 | 19100 | 2.0 | | | |
| 7.0 | 670 | 195 | 19300 | 2.3 | | | |
| 7.8 | 600 | 175 | 19500 | 2.6 | | | |
| 8.8 | 530 | 154 | 19600 | 2.9 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 4.9 | 960 | 279 | 7360 | 0.85 | | | |
| 5.5 | 840 | 246 | 10100 | 0.95 | K | 67R37 | D80K4 |
| 6.2 | 745 | 217 | 10900 | 1.10 | KF | 67R37 | D80K4 |
| 7.1 | 660 | 191 | 11500 | 1.25 | KA | 67R37 | D80K4 |
| 8.2 | 570 | 166 | 12100 | 1.45 | KAF | 67R37 | D80K4 |
| 9.4 | 495 | 144 | 12400 | 1.65 | | | |
| 11 | 420 | 122 | 12700 | 1.95 | | | |
| 7.1 | 660 | 192 | 5180 | 0.90 | | | |
| 8.2 | 575 | 166 | 7850 | 1.05 | K | 57R37 | D80K4 |
| 9.4 | 495 | 145 | 8430 | 1.20 | KF | 57R37 | D80K4 |
| 11 | 445 | 129 | 8680 | 1.35 | KA | 57R37 | D80K4 |
| 12 | 380 | 111 | 8970 | 1.60 | KAF | 57R37 | D80K4 |
| 14 | 335 | 97 | 9150 | 1.80 | | | |
| 3.9 | 1350 | 174.19 | 28600 | 2.0 | K | 87 | D90L8 |
| 4.1 | 1270 | 164.34 | 28600 | 2.1 | KF | 87 | D90L8 |
| 4.6 | 1140 | 147.32 | 28700 | 2.4 | KA | 87 | D90L8 |
| | | | | | KAF | 87 | D90L8 |
| 4.6 | 1150 | 197.37 | 28700 | 2.3 | K | 87 | D80N6 |
| 5.2 | 1020 | 174.19 | 28800 | 2.7 | KF | 87 | D80N6 |
| 5.5 | 960 | 164.34 | 28800 | 2.8 | KA | 87 | D80N6 |
| 6.1 | 860 | 147.32 | 28900 | 3.1 | KAF | 87 | D80N6 |
| 5.0 | 1040 | 135.28 | 18100 | 1.50 | K | 77 | D90L8 |
| 5.3 | 990 | 128.52 | 18300 | 1.55 | KF | 77 | D90L8 |
| 6.0 | 880 | 113.56 | 18700 | 1.75 | KA | 77 | D90L8 |
| 7.0 | 750 | 97.05 | 19100 | 2.1 | KAF | 77 | D90L8 |
| 5.8 | 900 | 154.02 | 18700 | 1.70 | K | 77 | D80N6 |
| 6.7 | 790 | 135.28 | 19000 | 1.95 | KF | 77 | D80N6 |
| 7.0 | 750 | 128.52 | 19100 | 2.1 | KA | 77 | D80N6 |
| 7.9 | 665 | 113.56 | 19400 | 2.3 | KAF | 77 | D80N6 |
| 8.8 | 595 | 154.02 | 19500 | 2.6 | | | |
| 10 | 520 | 135.28 | 19700 | 3.0 | K | 77 | D80K4 |
| 11 | 495 | 128.52 | 19700 | 3.1 | KF | 77 | D80K4 |
| 12 | 440 | 113.56 | 19800 | 3.5 | KA | 77 | D80K4 |
| 14 | 375 | 97.05 | 19900 | 4.1 | KAF | 77 | D80K4 |
| 7.3 | 720 | 123.54 | 11100 | 1.15 | | | |
| 8.3 | 630 | 108.03 | 11700 | 1.30 | K | 67 | D80N6 |
| 8.8 | 600 | 102.62 | 11900 | 1.35 | KF | 67 | D80N6 |
| 10 | 525 | 90.04 | 12300 | 1.55 | KA | 67 | D80N6 |
| 12 | 445 | 76.37 | 12600 | 1.85 | KAF | 67 | D80N6 |
| 11 | 475 | 123.54 | 12500 | 1.70 | K | 67 | D80K4 |
| 13 | 415 | 108.03 | 12800 | 1.95 | KF | 67 | D80K4 |
| 15 | 350 | 90.04 | 13000 | 2.4 | KA | 67 | D80K4 |
| 18 | 295 | 76.37 | 13000 | 2.8 | KAF | 67 | D80K4 |
| 8.3 | 630 | 108.29 | 7360 | 0.95 | | | |
| 8.8 | 600 | 102.88 | 7630 | 1.00 | | | |
| 10 | 525 | 90.26 | 8220 | 1.15 | K | 57 | D80N6 |
| 12 | 445 | 76.56 | 8670 | 1.35 | KF | 57 | D80N6 |
| 13 | 405 | 69.12 | 8870 | 1.50 | KA | 57 | D80N6 |
| 15 | 355 | 60.81 | 9070 | 1.70 | KAF | 57 | D80N6 |
| 16 | 335 | 57.42 | 9150 | 1.80 | | | |
| 11 | 480 | 123.85 | 8520 | 1.25 | | | |
| 13 | 420 | 108.29 | 8800 | 1.45 | | | |
| 13 | 395 | 102.88 | 8890 | 1.50 | K | 57 | D80K4 |
| 15 | 350 | 90.26 | 9100 | 1.70 | KF | 57 | D80K4 |
| 18 | 295 | 76.56 | 9300 | 2.0 | KA | 57 | D80K4 |
| 20 | 265 | 69.12 | 9410 | 2.2 | KAF | 57 | D80K4 |
| 22 | 235 | 60.81 | 9520 | 2.6 | | | |
| 24 | 220 | 57.42 | 9560 | 2.7 | | | |
| 13 | 405 | 104.37 | 5880 | 1.00 | | | |
| 15 | 350 | 90.86 | 6550 | 1.15 | K | 47 | D80K4 |
| 16 | 330 | 85.12 | 6790 | 1.20 | KF | 47 | D80K4 |
| 18 | 290 | 75.20 | 7150 | 1.40 | KA | 47 | D80K4 |
| 19 | 270 | 69.84 | 7310 | 1.50 | KAF | 47 | D80K4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 21 | 245 | 63.30 | 7500 | 1.65 | K | **47** | **D80K4** |
| 24 | 220 | 56.83 | 7660 | 1.80 | KF | **47** | **D80K4** |
| 28 | 189 | 48.95 | 7830 | 2.1 | KA | **47** | **D80K4** |
| 30 | 178 | 46.03 | 7880 | 2.2 | KAF | **47** | **D80K4** |
| 23 | 225 | 58.60 | 4850 | 0.90 | | | |
| 27 | 192 | 49.79 | 4790 | 1.05 | | | |
| 31 | 172 | 44.46 | 4740 | 1.15 | | | |
| 36 | 147 | 37.97 | 4640 | 1.35 | | | |
| 38 | 137 | 35.57 | 4600 | 1.45 | | | |
| 45 | 116 | 29.96 | 4470 | 1.75 | | | |
| 47 | 111 | 28.83 | 4440 | 1.80 | | | |
| 54 | 97 | 24.99 | 4320 | 2.1 | K | **37** | **D80K4** |
| 58 | 90 | 23.36 | 4260 | 2.2 | KF | **37** | **D80K4** |
| 67 | 78 | 20.19 | 4130 | 2.4 | KA | **37** | **D80K4** |
| 79 | 66 | 17.15 | 3980 | 2.7 | KAF | **37** | **D80K4** |
| 89 | 59 | 15.31 | 3880 | 3.0 | | | |
| 104 | 51 | 13.08 | 3730 | 3.3 | | | |
| 112 | 47 | 12.14 | 3660 | 3.4 | | | |
| 130 | 41 | 10.49 | 3520 | 4.0 | | | |
| 153 | 34 | 8.91 | 3370 | 4.7 | | | |
| 171 | 31 | 7.96 | 3270 | 5.1 | | | |
| 200 | 26 | 6.80 | 3130 | 5.7 | | | |
| 214 | 25 | 6.37 | 3070 | 5.9 | | | |
| 254 | 21 | 5.36 | 2920 | 6.8 | | | |
| **0.75kW** | | | | | | | |
| 0.11 | 58400 | 13116 | 175300 | 0.85 | | | |
| 0.12 | 51500 | 11647 | 187300 | 0.95 | | | |
| 0.19 | 32800 | 7343 | 190000 | 1.50 | K | **187** | **R97 D80N4** |
| 1.20 | 30000 | 6747 | 190000 | 1.65 | | | |
| 0.23 | 26500 | 5991 | 190000 | 1.90 | | | |
| 0.16 | 38600 | 8628 | 150000 | 0.85 | | | |
| 0.21 | 29300 | 6562 | 150000 | 1.10 | | | |
| 0.26 | 23700 | 5355 | 150000 | 1.35 | K | | **167 R97 D80N4** |
| 0.34 | 18200 | 4079 | 150000 | 1.75 | | | |
| 0.41 | 15100 | 3376 | 150000 | 2.1 | | | |
| | | | | | K | | **157 R97 D80N4** |
| 0.35 | 17800 | 3979 | 112300 | 1.00 | KF | | **157 R97 D80N4** |
| 0.45 | 13600 | 3051 | 114100 | 1.30 | KA | | **157 R97 D80N4** |
| | | | | | KAF | | **157 R97 D80N4** |
| | | | | | K | | **157 R97 D80N4** |
| 0.83 | 7440 | 1659 | 115900 | 2.4 | KF | | **157 R97 D80N4** |
| 1.0 | 6040 | 1365 | 116200 | 3.0 | KA | | **157 R97 D80N4** |
| | | | | | KAF | | **157 R97 D80N4** |
| 0.42 | 15100 | 3311 | 75800 | 0.85 | K | | **127 R77 D80N4** |
| 0.46 | 13700 | 3009 | 78600 | 0.95 | KF | | **127 R77 D80N4** |
| 0.53 | 11800 | 2607 | 79800 | 1.10 | KA | | **127 R77 D80N4** |
| | | | | | KAF | | **127 R77 D80N4** |
| 0.72 | 8930 | 1926 | 81100 | 1.45 | | | |
| 0.79 | 8150 | 1757 | 81400 | 1.60 | K | | **127 R77 D80N4** |
| 0.90 | 7120 | 1541 | 81700 | 1.85 | KF | | **127 R77 D80N4** |
| 1.0 | 6220 | 1342 | 82000 | 2.1 | KA | | **127 R77 D80N4** |
| 1.2 | 5440 | 1177 | 82200 | 2.4 | KAF | | **127 R77 D80N4** |
| 1.4 | 4750 | 1025 | 82400 | 2.7 | | | |
| 1.5 | 4150 | 899 | 82500 | 3.1 | | | |
| 0.81 | 7960 | 1713 | 65000 | 1.00 | | | |
| 0.89 | 7230 | 1554 | 65000 | 1.10 | | | |
| 1.0 | 6210 | 1336 | 65000 | 1.30 | K | | **107 R77 D80N4** |
| 1.2 | 5420 | 1166 | 65000 | 1.50 | KF | | **107 R77 D80N4** |
| 1.3 | 4710 | 1030 | 65000 | 1.70 | KA | | **107 R77 D80N4** |
| 1.5 | 4120 | 904 | 65000 | 1.95 | KAF | | **107 R77 D80N4** |
| 1.7 | 3680 | 793 | 65000 | 2.2 | | | |
| 2.0 | 3210 | 696 | 65000 | 2.5 | | | |
| 2.2 | 2800 | 615 | 65000 | 2.8 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 1.2 | 5180 | 1102 | 39700 | 0.85 | | | |
| 1.4 | 4490 | 957 | 40000 | 0.95 | | | |
| 1.6 | 4020 | 855 | 40000 | 1.05 | | | |
| 1.9 | 3430 | 743 | 40000 | 1.25 | | | |
| 2.1 | 3020 | 652 | 40000 | 1.40 | K | | **97R57 D80N4** |
| 2.4 | 2680 | 573 | 40000 | 1.60 | KF | | **97R57 D80N4** |
| 2.7 | 2320 | 504 | 40000 | 1.85 | KA | | **97R57 D80N4** |
| 3.2 | 2010 | 437 | 40000 | 2.1 | KAF | | **97R57 D80N4** |
| 3.6 | 1770 | 382 | 40000 | 2.4 | | | |
| 4.5 | 1420 | 305 | 40000 | 3.0 | | | |
| 5.4 | 1190 | 258 | 40000 | 3.6 | | | |
| 5.9 | 1080 | 232 | 40000 | 4.0 | | | |
| 6.9 | 920 | 199 | 40000 | 4.7 | | | |
| 1.9 | 3370 | 726 | 26300 | 0.80 | | | |
| 2.2 | 2970 | 638 | 26900 | 0.90 | | | |
| 2.5 | 2610 | 562 | 27400 | 1.05 | | | |
| 2.9 | 2200 | 474 | 27900 | 1.25 | K | | **87R57 D80N4** |
| 3.2 | 1980 | 426 | 28100 | 1.35 | KF | | **87R57 D80N4** |
| 3.7 | 1720 | 373 | 28300 | 1.55 | KA | | **87R57 D80N4** |
| 4.2 | 1520 | 330 | 28500 | 1.80 | KAF | | **87R57 D80N4** |
| 4.7 | 1350 | 294 | 28600 | 2.0 | | | |
| 5.5 | 1160 | 250 | 28700 | 2.3 | | | |
| 5.8 | 1100 | 236 | 28700 | 2.5 | | | |
| 6.9 | 930 | 201 | 28800 | 2.9 | | | |
| 3.8 | 1720 | 367 | 14000 | 0.90 | K | | **77R37 D80N4** |
| 4.2 | 1540 | 328 | 15500 | 1.00 | KF | | **77R37 D80N4** |
| 4.8 | 1360 | 290 | 16600 | 1.15 | KA | | **77R37 D80N4** |
| 5.5 | 1180 | 252 | 17500 | 1.30 | KAF | | **77R37 D80N4** |
| 6.2 | 1030 | 221 | 18200 | 1.50 | | | |
| 3.9 | 1830 | 176.05 | 40000 | 2.3 | K | **97** | **D100M8** |
| 4.5 | 1590 | 153.21 | 40000 | 2.7 | KF | **97** | **D100M8** |
| 4.9 | 1460 | 140.28 | 40000 | 3.0 | KA | **97** | **D100M8** |
| | | | | | KAF | **97** | **D100M8** |
| 4.7 | 1530 | 147.32 | 28500 | 1.75 | K | **87** | **D100M8** |
| 5.4 | 1320 | 126.91 | 28600 | 2.0 | KF | **87** | **D100M8** |
| 6.0 | 1200 | 115.82 | 28700 | 2.2 | KA | **87** | **D100M8** |
| 6.7 | 1070 | 102.71 | 28700 | 2.5 | KAF | **87** | **D100M8** |
| 5.2 | 1390 | 174.19 | 28600 | 1.95 | K | **87** | **D90S6** |
| 5.5 | 1310 | 164.34 | 28600 | 2.1 | KF | **87** | **D90S6** |
| 6.1 | 1170 | 147.32 | 28700 | 2.3 | KA | **87** | **D90S6** |
| 7.1 | 1010 | 126.91 | 28800 | 2.7 | KAF | **87** | **D90S6** |
| 7.0 | 1020 | 197.37 | 28800 | 2.6 | K | **87** | **D80N4** |
| 7.9 | 900 | 174.19 | 28800 | 3.0 | KF | **87** | **D80N4** |
| 8.4 | 850 | 164.34 | 28900 | 3.2 | KA | **87** | **D80N4** |
| 9.4 | 765 | 147.32 | 28900 | 3.5 | KAF | **87** | **D80N4** |
| 6.7 | 1080 | 135.28 | 18000 | 1.45 | K | **77** | **D90S6** |
| 7.0 | 1020 | 128.52 | 18200 | 1.50 | KF | **77** | **D90S6** |
| 7.9 | 900 | 113.56 | 18700 | 1.70 | KA | **77** | **D90S6** |
| 9.3 | 770 | 97.05 | 19100 | 2.0 | KAF | **77** | **D90S6** |
| 10 | 710 | 88.97 | 19200 | 2.2 | | | |
| 9.0 | 800 | 154.02 | 19000 | 1.95 | K | **77** | **D80N4** |
| 10 | 700 | 135.28 | 19300 | 2.2 | KF | **77** | **D80N4** |
| 11 | 665 | 128.52 | 19300 | 2.3 | KA | **77** | **D80N4** |
| 12 | 590 | 113.56 | 19500 | 2.6 | KAF | **77** | **D80N4** |
| 14 | 505 | 97.05 | 19700 | 3.1 | | | |
| 11 | 640 | 123.54 | 11700 | 1.30 | K | **67** | **D80N4** |
| 13 | 560 | 108.03 | 12100 | 1.45 | KF | **67** | **D80N4** |
| 15 | 465 | 90.04 | 12600 | 1.75 | KA | **67** | **D80N4** |
| | | | | | KAF | **67** | **D80N4** |
| 18 | 395 | 76.37 | 12800 | 2.1 | K | **67** | **D80N4** |
| 20 | 360 | 68.95 | 13000 | 2.3 | KF | **67** | **D80N4** |
| 23 | 315 | 60.66 | 13000 | 2.6 | KA | **67** | **D80N4** |
| 24 | 295 | 57.28 | 13000 | 2.8 | KAF | **67** | **D80N4** |





| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.75kW** | | | | | | | |
| 11 | 645 | 123.85 | 7130 | 0.95 | | | |
| 13 | 560 | 108.29 | 7940 | 1.05 | | | |
| 13 | 535 | 102.88 | 8160 | 1.10 | | | |
| 15 | 470 | 90.26 | 8570 | 1.30 | K | **57** | **D80N4** |
| 18 | 395 | 76.56 | 8890 | 1.50 | KF | **57** | **D80N4** |
| 20 | 360 | 69.12 | 9060 | 1.65 | KA | **57** | **D80N4** |
| 23 | 315 | 60.81 | 9230 | 1.90 | KAF | **57** | **D80N4** |
| 24 | 300 | 57.42 | 9290 | 2.0 | | | |
| 28 | 255 | 48.89 | 9450 | 2.4 | | | |
| 31 | 230 | 44.43 | 9530 | 2.6 | | | |
| 18 | 390 | 75.20 | 6060 | 1.00 | K | **47** | **D80N4** |
| 20 | 365 | 69.84 | 6410 | 1.10 | KF | **47** | **D80N4** |
| 22 | 330 | 63.30 | 6790 | 1.20 | KA | **47** | **D80N4** |
| | | | | | KAF | **47** | **D80N4** |
| 24 | 295 | 56.83 | 7110 | 1.35 | | | |
| 28 | 255 | 48.95 | 7430 | 1.55 | K | **47** | **D80N4** |
| 30 | 240 | 46.03 | 7540 | 1.65 | KF | **47** | **D80N4** |
| 35 | 205 | 39.61 | 7740 | 1.95 | KA | **47** | **D80N4** |
| 39 | 184 | 35.39 | 7760 | 2.2 | KAF | **47** | **D80N4** |
| 44 | 162 | 31.30 | 7550 | 2.5 | | | |
| 31 | 230 | 44.46 | 4170 | 0.85 | | | |
| 36 | 197 | 37.97 | 4150 | 1.00 | | | |
| 39 | 185 | 35.57 | 4140 | 1.10 | | | |
| 46 | 156 | 29.96 | 4080 | 1.30 | | | |
| 48 | 150 | 28.83 | 4060 | 1.35 | | | |
| 55 | 130 | 24.99 | 3990 | 1.55 | | | |
| 59 | 121 | 23.36 | 3950 | 1.60 | K | **37** | **D80N4** |
| 68 | 105 | 20.19 | 3860 | 1.75 | KF | **37** | **D80N4** |
| 80 | 89 | 17.15 | 3750 | 2.0 | KA | **37** | **D80N4** |
| 90 | 80 | 15.31 | 3670 | 2.2 | KAF | **37** | **D80N4** |
| 105 | 68 | 13.08 | 3550 | 2.4 | | | |
| 114 | 63 | 12.14 | 3500 | 2.5 | | | |
| 132 | 54 | 10.49 | 3380 | 2.9 | | | |
| 155 | 46 | 8.91 | 3250 | 3.5 | | | |
| 173 | 41 | 7.96 | 3160 | 3.8 | | | |
| 203 | 35 | 6.80 | 3030 | 4.2 | | | |
| 217 | 33 | 6.37 | 2980 | 4.4 | | | |
| 257 | 28 | 5.36 | 2840 | 5.0 | | | |
| **1.1kW** | | | | | | | |
| 0.15 | 60700 | 9363 | 171000 | 0.80 | | | |
| 0.17 | 52400 | 8126 | 185900 | 0.95 | | | |
| 0.19 | 48300 | 7343 | 190000 | 1.05 | | | |
| 0.21 | 44300 | 6747 | 190000 | 1.15 | K | | **187R97 D90S4** |
| 0.23 | 39200 | 5991 | 190000 | 1.30 | | | |
| 0.26 | 34900 | 5358 | 190000 | 1.45 | | | |
| 0.29 | 31200 | 4817 | 190000 | 1.60 | | | |
| 0.32 | 28300 | 4370 | 190000 | 1.75 | | | |
| 0.26 | 35000 | 5355 | 150000 | 0.90 | | | |
| 0.29 | 31200 | 4788 | 150000 | 1.05 | | | |
| 0.34 | 26800 | 4079 | 150000 | 1.20 | K | | **167R97 D90S4** |
| 0.41 | 22200 | 3376 | 150000 | 1.45 | | | |
| 0.51 | 18000 | 2755 | 150000 | 1.80 | | | |
| 0.64 | 14600 | 2182 | 150000 | 2.2 | | | |
| 0.82 | 11300 | 1704 | 150000 | 2.8 | K | | **167R97 D90S4** |
| 0.99 | 9330 | 1408 | 150000 | 3.4 | | | |
| 1.1 | 8560 | 1296 | 150000 | 3.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 0.40 | 22900 | 3516 | 109300 | 0.80 | K | | **157 R97 D90S4** |
| 0.46 | 20100 | 3051 | 111100 | 0.90 | KF | | **157 R97 D90S4** |
| 0.54 | 16900 | 2610 | 112700 | 1.05 | KA | | **157 R97 D90S4** |
| 0.60 | 15100 | 2322 | 113500 | 1.20 | KAF | | **157 R97 D90S4** |
| 0.84 | 11000 | 1659 | 115000 | 1.65 | | | |
| 1.0 | 8970 | 1365 | 115600 | 2.0 | K | | **157 R97 D90S4** |
| 1.1 | 8030 | 1229 | 115800 | 2.2 | KF | | **157 R97 D90S4** |
| 1.3 | 7150 | 1093 | 116000 | 2.5 | KA | | **157 R97 D90S4** |
| 1.5 | 6160 | 942 | 116100 | 2.9 | KAF | | **157 R97 D90S4** |
| 1.6 | 5550 | 854 | 116200 | 3.2 | | | |
| 0.73 | 13100 | 1926 | 79100 | 1.00 | | | |
| 0.80 | 11900 | 1757 | 79800 | 1.10 | | | |
| 0.91 | 10400 | 1541 | 80500 | 1.25 | | | |
| 1.0 | 9100 | 1342 | 81100 | 1.45 | K | | **127 R77 D90S4** |
| 1.2 | 7960 | 1177 | 81500 | 1.65 | KF | | **127 R77 D90S4** |
| 1.4 | 6950 | 1025 | 81800 | 1.85 | KA | | **127 R77 D90S4** |
| 1.6 | 6080 | 899 | 82000 | 2.1 | KAF | | **127 R77 D90S4** |
| 1.8 | 5270 | 790 | 82200 | 2.5 | | | |
| 2.0 | 4740 | 704 | 82400 | 2.7 | | | |
| 2.3 | 4090 | 610 | 82500 | 3.2 | | | |
| 2.5 | 3690 | 549 | 82500 | 3.5 | | | |
| 2.9 | 3180 | 477 | 82600 | 4.1 | | | |
| 1.2 | 7920 | 1166 | 65000 | 1.00 | | | |
| 1.4 | 6920 | 1030 | 65000 | 1.15 | | | |
| 1.5 | 6050 | 904 | 65000 | 1.30 | | | |
| 1.8 | 5380 | 793 | 65000 | 1.50 | K | | **107 R77 D90S4** |
| 2.0 | 4700 | 696 | 65000 | 1.70 | KF | | **107 R77 D90S4** |
| 2.3 | 4120 | 615 | 65000 | 1.95 | KA | | **107 R77 D90S4** |
| 2.7 | 3500 | 522 | 65000 | 2.3 | KAF | | **107 R77 D90S4** |
| 3.0 | 3080 | 461 | 65000 | 2.6 | | | |
| 3.4 | 2720 | 408 | 65000 | 2.9 | | | |
| 3.8 | 2450 | 364 | 65000 | 3.3 | | | |
| 4.4 | 2140 | 318 | 65000 | 3.7 | | | |
| 1.9 | 5030 | 743 | 39900 | 0.85 | | | |
| 2.2 | 4420 | 652 | 40000 | 0.95 | K | **97** | **R57 D90S4** |
| 2.4 | 3910 | 573 | 40000 | 1.10 | KF | **97** | **R57 D90S4** |
| 2.8 | 3400 | 504 | 40000 | 1.25 | KA | **97** | **R57 D90S4** |
| 3.2 | 2940 | 437 | 40000 | 1.45 | KAF | **97** | **R57 D90S4** |
| 3.7 | 2590 | 382 | 40000 | 1.65 | | | |
| 4.1 | 2300 | 342 | 40000 | 1.85 | | | |
| 3.0 | 3220 | 474 | 26600 | 0.85 | | | |
| 3.3 | 2890 | 426 | 27000 | 0.95 | | | |
| 3.8 | 2520 | 373 | 27500 | 1.05 | K | **87** | **R57 D90S4** |
| 4.2 | 2230 | 330 | 27800 | 1.20 | KF | **87** | **R57 D90S4** |
| 4.8 | 1980 | 294 | 28100 | 1.35 | KA | **87** | **R57 D90S4** |
| 5.6 | 1700 | 250 | 28300 | 1.60 | KAF | **87** | **R57 D90S4** |
| 5.9 | 1600 | 236 | 28400 | 1.70 | | | |
| 7.0 | 1360 | 201 | 28600 | 2.0 | | | |
| 3.9 | 2720 | 176.05 | 40000 | 1.60 | K | **97** | **D100L8** |
| 4.4 | 2370 | 153.21 | 40000 | 1.80 | KF | **97** | **D100L8** |
| 4.8 | 2170 | 140.28 | 40000 | 2.0 | KA | **97** | **D100L8** |
| 5.5 | 1910 | 123.93 | 40000 | 2.2 | KAF | **97** | **D100L8** |
| 5.2 | 2010 | 176.05 | 40000 | 2.1 | K | **97** | **D90L6** |
| 6.0 | 1750 | 153.21 | 40000 | 2.5 | KF | **97** | **D90L6** |
| 6.6 | 1600 | 140.28 | 40000 | 2.7 | KA | **97** | **D90L6** |
| 7.4 | 1420 | 123.93 | 40000 | 3.0 | KAF | **97** | **D90L6** |
| | | | | | K | **97** | **D90S4** |
| 7.9 | 1320 | 176.05 | 40000 | 3.3 | KF | **97** | **D90S4** |
| 9.1 | 1150 | 153.21 | 40000 | 3.7 | KA | **97** | **D90S4** |
| 10 | 1050 | 140.28 | 40000 | 4.1 | KAF | **97** | **D90S4** |
| 5.3 | 1990 | 174.19 | 28100 | 1.35 | K | **87** | **D90L6** |
| 5.6 | 1880 | 164.34 | 28200 | 1.45 | KF | **87** | **D90L6** |
| 6.2 | 1680 | 147.32 | 28300 | 1.60 | KA | **87** | **D90L6** |
| 7.2 | 1450 | 126.91 | 28500 | 1.85 | KAF | **87** | **D90L6** |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 8.0 | 1310 | 174.19 | 28600 | 2.1 | K | **87** | **D90S4** |
| 8.5 | 1230 | 164.34 | 28700 | 2.2 | KF | **87** | **D90S4** |
| 9.5 | 1110 | 147.32 | 28700 | 2.4 | KA | **87** | **D90S4** |
| 11 | 950 | 126.91 | 28800 | 2.8 | KAF | **87** | **D90S4** |
| 12 | 870 | 115.82 | 28800 | 3.1 | | | |
| 6.8 | 1540 | 135.28 | 15400 | 1.00 | K | **77** | **D90L6** |
| 7.2 | 1470 | 128.52 | 15900 | 1.05 | KF | **77** | **D90L6** |
| 8.1 | 1300 | 113.56 | 17000 | 1.20 | KA | **77** | **D90L6** |
| 9.5 | 1110 | 97.05 | 17900 | 1.40 | KAF | **77** | **D90L6** |
| 10 | 1020 | 135.28 | 18300 | 1.55 | K | **77** | **D90S4** |
| 11 | 960 | 128.52 | 18400 | 1.60 | KF | **77** | **D90S4** |
| 12 | 850 | 113.56 | 18800 | 1.80 | KA | **77** | **D90S4** |
| | | | | | KAF | **77** | **D90S4** |
| 14 | 730 | 97.05 | 19200 | 2.1 | K | **77** | **D90S4** |
| 16 | 670 | 88.97 | 19300 | 2.3 | KF | **77** | **D90S4** |
| 18 | 585 | 78.07 | 19500 | 2.7 | KA | **77** | **D90S4** |
| 19 | 555 | 73.99 | 19600 | 2.8 | KAF | **77** | **D90S4** |
| 13 | 810 | 108.03 | 10400 | 1.00 | K | **67** | **D90S4** |
| 14 | 770 | 102.62 | 10700 | 1.05 | KF | **67** | **D90S4** |
| 16 | 675 | 90.04 | 11400 | 1.20 | KA | **67** | **D90S4** |
| 18 | 575 | 76.37 | 12000 | 1.45 | KAF | **67** | **D90S4** |
| 20 | 515 | 68.95 | 12300 | 1.60 | | | |
| 23 | 455 | 60.66 | 12600 | 1.80 | K | **67** | **D90S4** |
| 24 | 430 | 57.28 | 12700 | 1.90 | KF | **67** | **D90S4** |
| 29 | 365 | 48.77 | 12900 | 2.2 | KA | **67** | **D90S4** |
| 32 | 335 | 44.32 | 13000 | 2.5 | KAF | **67** | **D90S4** |
| 36 | 290 | 38.39 | 13000 | 2.8 | | | |
| 16 | 675 | 90.26 | 2410 | 0.90 | | | |
| 18 | 575 | 76.56 | 7840 | 1.05 | | | |
| 20 | 520 | 69.12 | 8280 | 1.15 | | | |
| 23 | 455 | 60.81 | 8630 | 1.30 | K | **57** | **D90S4** |
| 24 | 430 | 57.42 | 8750 | 1.40 | KF | **57** | **D90S4** |
| 29 | 365 | 48.89 | 9020 | 1.65 | KA | **57** | **D90S4** |
| 32 | 335 | 44.43 | 9160 | 1.80 | KAF | **57** | **D90S4** |
| 36 | 290 | 38.49 | 9330 | 2.1 | | | |
| 39 | 270 | 35.70 | 9400 | 2.2 | | | |
| 46 | 225 | 30.28 | 9540 | 2.6 | | | |
| 51 | 205 | 27.34 | 9510 | 2.9 | | | |
| 58 | 181 | 24.05 | 9220 | 3.3 | | | |
| 62 | 170 | 22.71 | 9090 | 3.5 | | | |
| 72 | 145 | 19.34 | 8720 | 4.0 | | | |
| 80 | 132 | 17.57 | 8510 | 4.2 | K | **57** | **D90S4** |
| 92 | 114 | 15.22 | 8180 | 4.7 | KF | **57** | **D90S4** |
| 106 | 99 | 13.25 | 7880 | 5.1 | KA | **57** | **D90S4** |
| 117 | 90 | 11.92 | 7570 | 4.6 | KAF | **57** | **D90S4** |
| 124 | 85 | 11.26 | 7450 | 4.9 | | | |
| 146 | 72 | 9.59 | 7120 | 5.6 | | | |
| 161 | 65 | 8.71 | 6930 | 6.0 | | | |
| 186 | 57 | 7.55 | 6650 | 6.4 | | | |
| 213 | 49 | 6.57 | 6380 | 7.0 | | | |
| 25 | 425 | 56.83 | 3310 | 0.95 | K | **47** | **D90S4** |
| 29 | 365 | 48.95 | 6360 | 1.10 | KF | **47** | **D90S4** |
| 30 | 345 | 46.03 | 6610 | 1.15 | KA | **47** | **D90S4** |
| | | | | | KAF | **47** | **D90S4** |
| 35 | 295 | 39.61 | 7090 | 1.35 | | | |
| 40 | 265 | 35.39 | 7090 | 1.50 | K | **47** | **D90S4** |
| 45 | 235 | 31.30 | 6960 | 1.70 | KF | **47** | **D90S4*** |
| 48 | 220 | 29.32 | 6890 | 1.80 | KA | **47** | **D90S4*** |
| 54 | 194 | 25.91 | 6730 | 2.1 | KAF | **47** | **D90S4*** |
| 64 | 164 | 21.81 | 6510 | 2.4 | | | |
| 72 | 147 | 19.58 | 6360 | 2.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.1kW** | | | | | | | |
| 47 | 225 | 29.96 | 3420 | 0.90 | | | |
| 56 | 188 | 24.99 | 3440 | 1.05 | | | |
| 60 | 175 | 23.36 | 3440 | 1.10 | | | |
| 69 | 152 | 20.19 | 3420 | 1.20 | | | |
| 82 | 129 | 17.15 | 3370 | 1.40 | | | |
| 91 | 115 | 15.31 | 3330 | 1.50 | K | **37** | **D90S4** |
| 107 | 98 | 13.08 | 3260 | 1.70 | KF | **37** | **D90S4** |
| 115 | 91 | 12.14 | 3220 | 1.75 | KA | **37** | **D90S4** |
| 133 | 79 | 10.49 | 3140 | 2.0 | KAF | **37** | **D90S4** |
| 157 | 67 | 8.91 | 3040 | 2.4 | | | |
| 176 | 60 | 7.96 | 2970 | 2.6 | | | |
| 206 | 51 | 6.80 | 2870 | 2.9 | | | |
| 220 | 48 | 6.37 | 2830 | 3.0 | | | |
| 261 | 40 | 5.36 | 2720 | 3.5 | | | |
| **1.5kW** | | | | | | | |
| 0.21 | 60700 | 6747 | 171100 | 0.80 | | | |
| 0.24 | 53700 | 5991 | 183600 | 0.95 | K | **187 R97** | **D90L4** |
| 0.26 | 47900 | 5358 | 190000 | 1.05 | | | |
| 0.29 | 42900 | 4817 | 190000 | 1.15 | | | |
| 0.32 | 38900 | 4370 | 190000 | 1.30 | | | |
| 0.39 | 33000 | 3609 | 190000 | 1.50 | | | |
| 0.46 | 27800 | 3062 | 190000 | 1.80 | K | **187 R97** | **D90L4** |
| 0.56 | 22800 | 2519 | 190000 | 2.2 | | | |
| 0.62 | 20400 | 2268 | 190000 | 2.5 | | | |
| 0.35 | 36700 | 4079 | 150000 | 0.85 | | | |
| 0.42 | 30400 | 3376 | 150000 | 1.05 | K | **167 R97** | **D90L4** |
| 0.51 | 24700 | 2755 | 150000 | 1.30 | | | |
| 0.65 | 19900 | 2182 | 150000 | 1.60 | | | |
| 0.83 | 15500 | 1704 | 150000 | 2.1 | | | |
| 1.0 | 12800 | 1408 | 150000 | 2.5 | K | **167 R97** | **D90L4** |
| 1.1 | 11800 | 1296 | 150000 | 2.7 | | | |
| 0.61 | 20700 | 2322 | 110700 | 1.85 | K | **157 R97** | **D90L4** |
| | | | | | KF | **157 R97** | **D90L4** |
| | | | | | KA | **157 R97** | **D90L4** |
| | | | | | KAF | **157 R97** | **D90L4** |
| 0.85 | 15100 | 1659 | 113500 | 1.20 | | | |
| 1.0 | 12300 | 1365 | 114600 | 1.45 | | | |
| 1.1 | 11100 | 1229 | 115000 | 1.65 | K | **157 R97** | **D90L4** |
| 1.3 | 9840 | 1093 | 115300 | 1.85 | KF | **157 R97** | **D90L4** |
| 1.5 | 8480 | 942 | 115700 | 2.1 | KA | **157 R97** | **D90L4** |
| 1.6 | 7650 | 854 | 115900 | 2.3 | KAF | **157 R97** | **D90L4** |
| 2.5 | 5050 | 567 | 116300 | 3.6 | | | |
| 2.8 | 4490 | 504 | 116400 | 4.0 | | | |
| | | | | | K | **127 R87** | **D90L4** |
| 2.6 | 4820 | 536 | 82300 | 2.7 | KF | **127 R87** | **D90L4** |
| 3.4 | 3770 | 418 | 82500 | 3.5 | KA | **127 R87** | **D90L4** |
| 3.8 | 3330 | 367 | 82600 | 3.9 | KAF | **127 R87** | **D90L4** |
| 0.80 | 16200 | 1757 | 73400 | 0.80 | | | |
| 0.91 | 14200 | 1541 | 77500 | 0.90 | | | |
| 1.0 | 12400 | 1342 | 79500 | 1.05 | | | |
| 1.2 | 10900 | 1177 | 80300 | 1.20 | | | |
| 1.4 | 9470 | 1025 | 80900 | 1.35 | K | **127 R77** | **D90L4** |
| 1.6 | 8300 | 899 | 81400 | 1.55 | KF | **127 R77** | **D90L4** |
| 1.8 | 7210 | 790 | 81700 | 1.80 | KA | **127 R77** | **D90L4** |
| 2.0 | 6480 | 704 | 81900 | 2.0 | KAF | **127 R77** | **D90L4** |
| 2.3 | 5590 | 610 | 82200 | 2.3 | | | |
| 2.6 | 5040 | 549 | 82300 | 2.6 | | | |
| 3.0 | 4360 | 477 | 82400 | 3.0 | | | |
| 3.4 | 3840 | 418 | 82500 | 3.4 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 1.4 | 9460 | 1030 | 65000 | 0.85 | | | |
| 1.6 | 8280 | 904 | 65000 | 0.95 | | | |
| 1.8 | 7330 | 739 | 65000 | 1.10 | | | |
| 2.0 | 6420 | 696 | 65000 | 1.25 | K | **107R77** | **D90L4** |
| 2.3 | 5640 | 615 | 65000 | 1.40 | KF | **107R77** | **D90L4** |
| 2.7 | 4780 | 522 | 65000 | 1.65 | KA | **107R77** | **D90L4** |
| 3.1 | 4210 | 461 | 65000 | 1.90 | KAF | **107R77** | **D90L4** |
| 3.5 | 3720 | 408 | 65000 | 2.2 | | | |
| 3.9 | 3350 | 364 | 65000 | 2.4 | | | |
| 4.4 | 2920 | 318 | 65000 | 2.7 | | | |
| 2.5 | 5320 | 573 | 39500 | 0.80 | | | |
| 2.8 | 4650 | 504 | 40000 | 0.95 | | | |
| 3.2 | 4020 | 437 | 40000 | 1.05 | K | **97 R57** | **D90L4** |
| 3.7 | 3540 | 382 | 40000 | 1.20 | KF | **97 R57** | **D90L4** |
| 4.1 | 3140 | 342 | 40000 | 1.35 | KA | **97 R57** | **D90L4** |
| 4.6 | 2820 | 305 | 40000 | 1.50 | KAF | **97 R57** | **D90L4** |
| 5.5 | 2380 | 258 | 40000 | 1.80 | | | |
| 6.1 | 2140 | 232 | 40000 | 2.0 | | | |
| 7.1 | 1840 | 199 | 40000 | 2.3 | | | |
| 4.3 | 3040 | 330 | 26800 | 0.90 | | | |
| 4.8 | 2700 | 294 | 27300 | 1.00 | K | **87 R57** | **D90L4** |
| 5.6 | 2310 | 250 | 27700 | 1.15 | KF | **87 R57** | **D90L4** |
| 6.0 | 2180 | 236 | 27900 | 1.25 | KA | **87 R57** | **D90L4** |
| 7.0 | 1860 | 201 | 28200 | 1.45 | KAF | **87 R57** | **D90L4** |
| 7.7 | 1690 | 183 | 28300 | 1.60 | | | |
| 4.9 | 2940 | 143.47 | 65000 | 2.7 | K | **107** | **D112M8** |
| 5.8 | 2490 | 121.46 | 65000 | 3.2 | KF | **107** | **D112M8** |
| 6.2 | 2300 | 112.41 | 65000 | 3.5 | KA | **107** | **D112M8** |
| | | | | | KAF | **107** | **D112M8** |
| 4.6 | 3140 | 153.21 | 40000 | 1.35 | K | **97** | **D112M8** |
| 5.0 | 2870 | 140.28 | 40000 | 1.50 | KF | **97** | **D112M8** |
| 5.7 | 2540 | 123.93 | 40000 | 1.70 | KA | **97** | **D112M8** |
| | | | | | KAF | **97** | **D112M8** |
| 5.2 | 2740 | 176.05 | 40000 | 1.55 | K | **97** | **D100M6** |
| 6.0 | 2390 | 153.21 | 40000 | 1.80 | KF | **97** | **D100M6** |
| 6.6 | 2180 | 140.28 | 40000 | 1.95 | KA | **97** | **D100M6** |
| 7.4 | 1930 | 123.93 | 40000 | 2.2 | KAF | **97** | **D100M6** |
| 8.0 | 1790 | 176.05 | 40000 | 2.4 | K | **97** | **D90L4** |
| 9.2 | 1560 | 153.21 | 40000 | 2.8 | KF | **97** | **D90L4** |
| 10 | 1430 | 140.28 | 40000 | 3.0 | KA | **97** | **D90L4** |
| 11 | 1260 | 123.93 | 40000 | 3.4 | KAF | **97** | **D90L4** |
| 6.2 | 2290 | 147.32 | 27800 | 1.20 | K | **87** | **D100M6** |
| 7.2 | 1980 | 126.91 | 28100 | 1.35 | KF | **87** | **D100M6** |
| 7.9 | 1800 | 115.82 | 28200 | 1.50 | KA | **87** | **D100M6** |
| 9.0 | 1600 | 102.71 | 28400 | 1.70 | KAF | **87** | **D100M6** |
| 8.1 | 1770 | 174.19 | 28300 | 1.55 | | | |
| 8.6 | 1670 | 164.34 | 28300 | 1.60 | K | **87** | **D90L4** |
| 9.6 | 1500 | 147.32 | 28500 | 1.80 | KF | **87** | **D90L4** |
| 11 | 1290 | 126.91 | 28600 | 2.1 | KA | **87** | **D90L4** |
| 12 | 1180 | 115.82 | 28700 | 2.3 | KAF | **87** | **D90L4** |
| 14 | 1040 | 102.71 | 28800 | 2.6 | | | |
| 16 | 880 | 86.34 | 28800 | 3.1 | | | |
| 8.1 | 1770 | 113.56 | 13600 | 0.90 | K | **77** | **D100M6** |
| 9.5 | 1510 | 97.05 | 15700 | 1.05 | KF | **77** | **D100M6** |
| 10 | 1390 | 88.97 | 16400 | 1.10 | KA | **77** | **D100M6** |
| 12 | 1220 | 78.07 | 17400 | 1.30 | KAF | **77** | **D100M6** |
| 10 | 1370 | 135.28 | 16500 | 1.15 | K | **77** | **D90L4** |
| 11 | 1310 | 128.52 | 16900 | 1.20 | KF | **77** | **D90L4** |
| 12 | 1150 | 113.56 | 17700 | 1.35 | KA | **77** | **D90L4** |
| 15 | 990 | 97.05 | 18400 | 1.55 | KAF | **77** | **D90L4** |
| 16 | 900 | 88.97 | 18700 | 1.70 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **1.5kW** | | | | | | | |
| 18 | 795 | 78.07 | 19000 | 1.95 | | | |
| 19 | 750 | 73.99 | 19100 | 2.1 | | | |
| 22 | 660 | 64.75 | 19400 | 2.4 | K | **77** | **D90L4** |
| 24 | 595 | 58.34 | 19500 | 2.6 | KF | **77** | **D90L4** |
| 28 | 520 | 51.18 | 19700 | 3.0 | KA | **77** | **D90L4** |
| 31 | 460 | 45.16 | 19800 | 3.4 | KAF | **77** | **D90L4** |
| 35 | 405 | 40.04 | 19800 | 3.8 | | | |
| 16 | 910 | 90.04 | 9370 | 0.90 | | | |
| 18 | 775 | 76.37 | 10700 | 1.05 | K | **67** | **D90L4** |
| 20 | 700 | 68.95 | 11300 | 1.15 | KF | **67** | **D90L4** |
| 23 | 615 | 60.66 | 11800 | 1.35 | KA | **67** | **D90L4** |
| 25 | 580 | 57.28 | 12000 | 1.40 | KAF | **67** | **D90L4** |
| 29 | 495 | 48.77 | 12400 | 1.65 | | | |
| 32 | 450 | 44.32 | 12600 | 1.80 | | | |
| 37 | 390 | 38.39 | 12800 | 2.0 | K | **67** | **D90L4** |
| 40 | 360 | 35.62 | 12900 | 2.3 | KF | **67** | **D90L4** |
| 47 | 305 | 30.22 | 13000 | 2.7 | KA | **67** | **D90L4** |
| 52 | 275 | 27.28 | 13000 | 3.0 | KAF | **67** | **D90L4** |
| 59 | 245 | 24.00 | 13000 | 3.3 | | | |
| 23 | 620 | 60.81 | 7480 | 0.95 | K | **57** | **D90L4** |
| 25 | 685 | 57.42 | 7770 | 1.05 | KF | **57** | **D90L4** |
| 29 | 495 | 48.89 | 8430 | 1.20 | KA | **57** | **D90L4** |
| 32 | 450 | 44.43 | 8650 | 1.35 | KAF | **57** | **D90L4** |
| 37 | 390 | 38.49 | 8920 | 1.55 | | | |
| 39 | 365 | 35.70 | 9040 | 1.65 | K | **57** | **D90L4** |
| 47 | 310 | 30.28 | 9190 | 1.95 | KF | **57** | **D90L4** |
| 52 | 280 | 27.34 | 9010 | 2.2 | KA | **57** | **D90L4** |
| 59 | 245 | 24.05 | 8780 | 2.5 | KAF | **57** | **D90L4** |
| 62 | 230 | 22.71 | 8670 | 2.6 | | | |
| 73 | 196 | 19.34 | 8360 | 2.9 | | | |
| 36 | 400 | 39.61 | 5890 | 1.00 | K | **47** | **D90L4** |
| 40 | 360 | 35.39 | 6360 | 1.10 | KF | **47** | **D90L4** |
| 45 | 320 | 31.30 | 6310 | 1.25 | KA | **47** | **D90L4** |
| | | | | | KAF | **47** | **D90L4** |
| 48 | 300 | 29.32 | 6270 | 1.35 | | | |
| 54 | 265 | 25.91 | 6190 | 1.50 | | | |
| 65 | 220 | 21.81 | 6050 | 1.80 | | | |
| 72 | 199 | 19.58 | 5950 | 2.0 | K | **47** | **D90L4** |
| 84 | 171 | 16.86 | 5800 | 2.2 | KF | **47** | **D90L4** |
| 89 | 161 | 15.86 | 5730 | 2.4 | KA | **47** | **D90L4** |
| 103 | 139 | 13.65 | 5560 | 2.6 | KAF | **47** | **D90L4** |
| 116 | 124 | 12.19 | 5430 | 2.8 | | | |
| 120 | 120 | 11.17 | 5340 | 2.3 | | | |
| 60 | 235 | 23.36 | 2860 | 0.80 | | | |
| 70 | 205 | 20.19 | 2920 | 0.90 | | | |
| 82 | 174 | 17.15 | 2940 | 1.05 | | | |
| 92 | 156 | 15.31 | 2950 | 1.10 | K | **37** | **D90L4** |
| 108 | 133 | 13.08 | 2930 | 1.25 | KF | **37** | **D90L4** |
| 116 | 123 | 12.14 | 2920 | 1.30 | KA | **37** | **D90L4** |
| 134 | 107 | 10.49 | 2880 | 1.50 | KAF | **37** | **D90L4** |
| 158 | 91 | 8.91 | 2820 | 1.75 | | | |
| 177 | 81 | 7.96 | 2770 | 1.90 | | | |
| 207 | 69 | 6.80 | 2700 | 2.2 | | | |
| 221 | 65 | 6.37 | 2670 | 2.2 | | | |
| 263 | 55 | 5.36 | 2580 | 2.6 | | | |
| **2.2kW** | | | | | | | |
| 0.32 | 57900 | 4370 | 176200 | 0.85 | K | **187R97** | **D100M4** |
| 0.50 | 37000 | 2818 | 190000 | 1.35 | | | |
| 0.39 | 48800 | 3609 | 190000 | 1.00 | | | |
| 0.46 | 41300 | 3062 | 190000 | 1.20 | | | |
| 0.56 | 33800 | 2519 | 190000 | 1.50 | K | **187R97** | **D100M4** |
| 0.62 | 30400 | 2268 | 190000 | 1.65 | | | |
| 0.69 | 27400 | 2054 | 190000 | 1.80 | | | |
| 0.77 | 24200 | 1821 | 190000 | 2.1 | | | |
| 0.88 | 21400 | 1605 | 190000 | 2.3 | | | |
| 0.51 | 36600 | 2755 | 150000 | 0.85 | K | **167R97** | **D100M4** |
| 0.62 | 29800 | 2263 | 150000 | 1.05 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **2.2kW** | | | | | | | |
| 0.65 | 29500 | 2182 | 150000 | 1.10 | | | |
| 0.83 | 22900 | 1704 | 150000 | 1.40 | | | |
| 1.0 | 19000 | 1408 | 150000 | 1.70 | K | 167R97 | D100M4 |
| 1.1 | 17400 | 1296 | 150000 | 1.85 | | | |
| 1.3 | 14700 | 1101 | 150000 | 2.2 | | | |
| 1.5 | 12600 | 944 | 150000 | 2.5 | | | |
| 0.85 | 22400 | 1659 | 109700 | 0.80 | | | |
| 1.0 | 18300 | 1365 | 112000 | 1.00 | K | 157R97 | D100M4 |
| 1.1 | 16500 | 1229 | 112900 | 1.10 | KF | 157R97 | D100M4 |
| 1.3 | 14600 | 1093 | 113700 | 1.25 | KA | 157R97 | D100M4 |
| 1.5 | 12600 | 942 | 114500 | 1.45 | KAF | 157R97 | D100M4 |
| 1.6 | 11400 | 854 | 114900 | 1.60 | | | |
| 1.9 | 9990 | 756 | 115300 | 1.80 | | | |
| 2.6 | 7180 | 536 | 81700 | 1.80 | K | 127R87 | D100M4 |
| 3.0 | 6310 | 473 | 82000 | 2.1 | KF | 127R87 | D100M4 |
| 3.4 | 5600 | 418 | 82200 | 2.3 | KA | 127R87 | D100M4 |
| 3.8 | 4950 | 367 | 82300 | 2.6 | KAF | 127R87 | D100M4 |
| 4.3 | 4440 | 330 | 82400 | 2.9 | | | |
| 1.4 | 14000 | 1025 | 78000 | 0.95 | | | |
| 1.6 | 12200 | 899 | 79600 | 1.05 | | | |
| 1.8 | 10700 | 790 | 80400 | 1.20 | K | 127R77 | D100M4 |
| 2.0 | 9580 | 704 | 80900 | 1.35 | KF | 127R77 | D100M4 |
| 2.3 | 8280 | 610 | 81400 | 1.55 | KA | 127R77 | D100M4 |
| 2.6 | 7460 | 549 | 81600 | 1.75 | KAF | 127R77 | D100M4 |
| 3.0 | 6460 | 477 | 81900 | 2.0 | | | |
| 3.4 | 5680 | 418 | 82100 | 2.3 | | | |
| 2.3 | 8340 | 615 | 65000 | 0.95 | | | |
| 2.7 | 7070 | 522 | 65000 | 1.15 | | | |
| 3.1 | 6230 | 461 | 65000 | 1.30 | K | 107R77 | D100M4 |
| 3.5 | 5520 | 408 | 65000 | 1.45 | KF | 107R77 | D100M4 |
| 3.9 | 4940 | 364 | 65000 | 1.60 | KA | 107R77 | D100M4 |
| 4.4 | 4320 | 318 | 65000 | 1.85 | KAF | 107R77 | D100M4 |
| 4.9 | 3890 | 286 | 65000 | 2.1 | | | |
| 5.6 | 3410 | 251 | 65000 | 2.3 | | | |
| 3.7 | 5210 | 382 | 39700 | 0.80 | | | |
| 4.1 | 4640 | 342 | 40000 | 0.95 | K | 97 R57 | D100M4 |
| 4.6 | 4170 | 305 | 40000 | 1.05 | KF | 97 R57 | D100M4 |
| 5.5 | 3510 | 258 | 40000 | 1.20 | KA | 97 R57 | D100M4 |
| 6.1 | 3160 | 232 | 40000 | 1.35 | KAF | 97 R57 | D100M4 |
| 7.1 | 2710 | 199 | 40000 | 1.60 | | | |
| 4.9 | 4310 | 143.47 | 65000 | 1.85 | K | 107 | D132S8 |
| 5.8 | 3650 | 121.46 | 65000 | 2.2 | KF | 107 | D132S8 |
| 6.2 | 3370 | 112.41 | 65000 | 2.4 | KA | 107 | D132S8 |
| 6.9 | 3020 | 100.75 | 65000 | 2.7 | KAF | 107 | D132S8 |
| 6.1 | 3420 | 153.21 | 40000 | 1.25 | K | 97 | D112M6 |
| 6.7 | 3140 | 140.28 | 40000 | 1.35 | KF | 97 | D112M6 |
| 7.6 | 2770 | 123.93 | 40000 | 1.55 | KA | 97 | D112M6 |
| 8.9 | 2350 | 105.13 | 40000 | 1.85 | KAF | 97 | D112M6 |
| 8.0 | 2620 | 176.05 | 40000 | 1.65 | K | 97 | D100M4 |
| 9.2 | 2280 | 153.21 | 40000 | 1.90 | KF | 97 | D100M4 |
| 10 | 2090 | 140.28 | 40000 | 2.1 | KA | 97 | D100M4 |
| 11 | 1850 | 123.93 | 40000 | 2.3 | KAF | 97 | D100M4 |
| | | | | | K | 97 | D100M4 |
| 13 | 1570 | 105.13 | 40000 | 2.8 | KF | 97 | D100M4 |
| 15 | 1440 | 96.80 | 40000 | 3.0 | KA | 97 | D100M4 |
| | | | | | KAF | 97 | D100M4 |
| 9.6 | 2200 | 147.32 | 27900 | 1.25 | K | 87 | D100M4 |
| 11 | 1890 | 126.91 | 28200 | 1.45 | KF | 87 | D100M4 |
| 12 | 1730 | 115.82 | 28300 | 1.55 | KA | 87 | D100M4 |
| | | | | | KAF | 87 | D100M4 |
| 14 | 1530 | 102.71 | 28500 | 1.75 | K | 87 | D100M4 |
| 16 | 1290 | 86.34 | 28600 | 2.1 | KF | 87 | D100M4 |
| 18 | 1180 | 79.34 | 28700 | 2.3 | KA | 87 | D100M4 |
| 20 | 1050 | 70.46 | 28800 | 2.6 | KAF | 87 | D100M4 |
| 22 | 940 | 63.00 | 28800 | 2.9 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **2.2kW** | | | | | | | |
| 12 | 1690 | 113.56 | 14300 | 0.90 | | | |
| 15 | 1450 | 97.05 | 16100 | 1.05 | K | 77 | D100M4 |
| 16 | 1330 | 88.97 | 16800 | 1.15 | KF | 77 | D100M4 |
| 18 | 1160 | 78.07 | 17600 | 1.35 | KA | 77 | D100M4 |
| 19 | 1100 | 73.99 | 17900 | 1.40 | KAF | 77 | D100M4 |
| 22 | 960 | 64.75 | 18400 | 1.60 | | | |
| 24 | 870 | 58.34 | 18800 | 1.80 | | | |
| 28 | 765 | 51.18 | 19100 | 2.0 | | | |
| 31 | 675 | 45.16 | 19300 | 2.3 | K | 77 | D100M4 |
| 35 | 595 | 40.04 | 19500 | 2.6 | KF | 77 | D100M4 |
| 40 | 525 | 35.20 | 19700 | 3.0 | KA | 77 | D100M4 |
| 46 | 460 | 30.89 | 19800 | 3.4 | KAF | 77 | D100M4 |
| 48 | 435 | 29.27 | 19800 | 3.6 | | | |
| 55 | 380 | 25.62 | 19900 | 4.1 | | | |
| 23 | 900 | 60.66 | 9490 | 0.90 | | | |
| 25 | 850 | 57.28 | 10000 | 0.95 | K | 67 | D100M4 |
| 29 | 725 | 48.77 | 11100 | 1.15 | KF | 67 | D100M4 |
| 32 | 660 | 44.32 | 11500 | 1.25 | KA | 67 | D100M4 |
| 37 | 570 | 38.39 | 12100 | 1.40 | KAF | 67 | D100M4 |
| 40 | 530 | 35.62 | 12300 | 1.55 | | | |
| 47 | 450 | 30.22 | 12600 | 1.80 | | | |
| 52 | 405 | 27.28 | 12800 | 2.0 | | | |
| 59 | 360 | 24.00 | 13000 | 2.2 | | | |
| 62 | 340 | 22.66 | 13000 | 2.3 | | | |
| 73 | 285 | 19.30 | 13000 | 2.6 | | | |
| 80 | 260 | 17.54 | 13000 | 2.8 | K | 67 | D100M4 |
| 93 | 225 | 15.19 | 13000 | 3.1 | KF | 67 | D100M4 |
| 107 | 197 | 13.22 | 13000 | 3.4 | KA | 67 | D100M4 |
| 113 | 186 | 12.48 | 13000 | 2.8 | KAF | 67 | D100M4 |
| 133 | 158 | 10.63 | 13000 | 3.2 | | | |
| 146 | 144 | 9.66 | 13000 | 3.3 | | | |
| 169 | 125 | 8.37 | 13000 | 3.5 | | | |
| 194 | 109 | 7.28 | 12700 | 3.9 | | | |
| 32 | 660 | 44.43 | 5100 | 0.90 | K | 57 | D100M4 |
| 37 | 575 | 38.49 | 7850 | 1.05 | KF | 57 | D100M4 |
| 39 | 530 | 35.70 | 8080 | 1.15 | KA | 57 | D100M4 |
| 47 | 450 | 30.28 | 8250 | 1.35 | KAF | 57 | D100M4 |
| 52 | 405 | 27.34 | 8160 | 1.45 | | | |
| 59 | 360 | 24.05 | 8030 | 1.65 | | | |
| 62 | 340 | 22.71 | 7970 | 1.75 | K | 57 | D100M4 |
| 73 | 290 | 19.34 | 7760 | 2.0 | KF | 57 | D100M4 |
| 80 | 260 | 17.57 | 7630 | 2.1 | KA | 57 | D100M4 |
| 93 | 225 | 15.22 | 7430 | 2.4 | KAF | 57 | D100M4 |
| 106 | 197 | 13.25 | 7220 | 2.6 | | | |
| 118 | 178 | 11.92 | 6890 | 2.3 | | | |
| 125 | 168 | 11.26 | 6810 | 2.5 | | | |
| 54 | 385 | 25.91 | 5260 | 1.05 | K | 47 | D100M4 |
| 65 | 325 | 21.81 | 5260 | 1.25 | KF | 47 | D100M4 |
| 72 | 290 | 19.58 | 5240 | 1.35 | KA | 47 | D100M4 |
| | | | | | KAF | 47 | D100M4 |
| 84 | 250 | 16.86 | 5190 | 1.50 | | | |
| 89 | 235 | 15.86 | 5160 | 1.60 | K | 47 | D100M4 |
| 103 | 205 | 13.56 | 5070 | 1.75 | KF | 47 | D100M4 |
| 116 | 182 | 12.19 | 4990 | 1.95 | KA | 47 | D100M4 |
| 120 | 175 | 11.77 | 4890 | 1.60 | KAF | 47 | D100M4 |
| 133 | 157 | 10.56 | 4 810 | 1.80 | | | |
| 155 | 136 | 9.10 | 4690 | 2.1 | | | |
| 108 | 195 | 13.08 | 2370 | 0.85 | | | |
| 134 | 156 | 10.49 | 2430 | 1.00 | K | 37 | D100M4 |
| 158 | 133 | 8.91 | 2440 | 1.20 | KF | 37 | D100M4 |
| 177 | 119 | 7.96 | 2430 | 1.30 | KA | 37 | D100M4 |
| 207 | 101 | 6.80 | 2410 | 1.50 | KAF | 37 | D100M4 |
| 221 | 95 | 6.37 | 2400 | 1.55 | | | |
| 263 | 80 | 5.36 | 2350 | 1.75 | | | |
| **3.0kW** | | | | | | | |
| 0.50 | 51300 | 2818 | 187700 | 0.95 | K | 187 | D100M4 |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | |
|---|---|---|---|---|---|---|
| **3.0kW** | | | | | | |
| 0.46 | 57100 | 3062 | 177600 | 0.90 | | |
| 0.56 | 46800 | 2519 | 190000 | 1.05 | | |
| 0.62 | 42100 | 2268 | 190000 | 1.20 | | |
| 0.68 | 38000 | 2054 | 190000 | 1.30 | K | 187R97 D100L4 |
| 0.77 | 33600 | 1821 | 190000 | 1.50 | | |
| 0.87 | 29700 | 1605 | 190000 | 1.70 | | |
| 1.0 | 25600 | 1395 | 190000 | 1.95 | | |
| 1.2 | 22100 | 1196 | 190000 | 2.3 | | |
| 0.82 | 31700 | 1704 | 150000 | 1.00 | | |
| 0.99 | 26200 | 1408 | 150000 | 1.20 | | |
| 1.1 | 24100 | 1296 | 150000 | 1.35 | K | 167R97 D100L4 |
| 1.3 | 20300 | 1101 | 150000 | 1.55 | | |
| 1.5 | 17500 | 944 | 150000 | 1.85 | | |
| 1.7 | 15500 | 843 | 150000 | 2.1 | | |
| 1.9 | 14000 | 757 | 150000 | 2.3 | | |
| 1.1 | 22800 | 1229 | 109400 | 0.80 | | |
| 1.3 | 20300 | 1093 | 111000 | 0.90 | K | 157R97 D100L4 |
| 1.5 | 17500 | 942 | 112400 | 1.05 | KF | 157R97 D100L4 |
| 1.6 | 15800 | 854 | 113200 | 1.15 | KA | 157R97 D100L4 |
| 1.9 | 13900 | 756 | 114000 | 1.30 | KAF | 157R97 D100L4 |
| 2.5 | 10500 | 567 | 115200 | 1.70 | | |
| 2.8 | 9310 | 504 | 115500 | 1.95 | | |
| 2.6 | 9940 | 536 | 80700 | 1.30 | | |
| 3.0 | 8750 | 473 | 81200 | 1.50 | K | 127R87 D100L4 |
| 3.3 | 7760 | 418 | 81500 | 1.70 | KF | 127R87 D100L4 |
| 3.8 | 6840 | 367 | 81800 | 1.90 | KA | 127R87 D100L4 |
| 4.2 | 6140 | 330 | 82000 | 2.1 | KAF | 127R87 D100L4 |
| 4.9 | 5300 | 287 | 82200 | 2.5 | | |
| 1.8 | 14800 | 790 | 76500 | 0.90 | | |
| 2.0 | 13200 | 704 | 79100 | 1.00 | K | 127R77 D100L4 |
| 2.3 | 11400 | 610 | 80000 | 1.15 | KF | 127R77 D100L4 |
| 2.5 | 10300 | 549 | 80600 | 1.25 | KA | 127R77 D100L4 |
| 2.9 | 8920 | 477 | 81100 | 1.45 | KAF | 127R77 D100L4 |
| 3.3 | 7840 | 418 | 81500 | 1.65 | | |
| 3.0 | 8610 | 461 | 65000 | 0.95 | | |
| 3.4 | 7620 | 408 | 65000 | 1.05 | | |
| 3.8 | 6820 | 364 | 65000 | 1.15 | | |
| 4.4 | 5960 | 318 | 65000 | 1.35 | | |
| 4.9 | 5370 | 286 | 65000 | 1.50 | K | 107R77 D100L4 |
| 5.6 | 4700 | 251 | 65000 | 1.70 | KF | 107R77 D100L4 |
| 6.3 | 4150 | 222 | 65000 | 1.95 | KA | 107R77 D100L4 |
| 7.1 | 3670 | 196 | 65000 | 2.2 | KAF | 107R77 D100L4 |
| 8.1 | 3250 | 174 | 65000 | 2.2 | | |
| 9.1 | 2880 | 154 | 65000 | 2.5 | | |
| 10 | 2610 | 140 | 65000 | 2.8 | | |
| 5.4 | 4840 | 258 | 40000 | 0.90 | K | 97 R57 D100L4 |
| 6.0 | 4360 | 232 | 40000 | 1.00 | KF | 97 R57 D100L4 |
| 7.0 | 3740 | 199 | 40000 | 1.15 | KA | 97 R57 D100L4 |
| | | | | | KAF | 97 R57 D100L4 |
| 5.0 | 5710 | 143.47 | 65000 | 1.40 | | |
| 5.9 | 4830 | 121.46 | 65000 | 1.65 | K | 107 D132M8 |
| 6.4 | 4470 | 112.41 | 65000 | 1.80 | KF | 107 D132M8 |
| 7.2 | 4010 | 100.75 | 65000 | 2.0 | KA | 107 D132M8 |
| 7.9 | 3620 | 90.96 | 65000 | 2.2 | KAF | 107 D132M8 |
| 6.6 | 4370 | 143.47 | 65000 | 1.85 | K | 107 D132S6 |
| 7.7 | 3700 | 121.46 | 65000 | 2.2 | KF | 107 D132S6 |
| 8.4 | 3430 | 112.41 | 65000 | 2.3 | KA | 107 D132S6 |
| 9.3 | 3070 | 100.75 | 65000 | 2.6 | KAF | 107 D132S6 |
| | | | | | K | 107 D100L4 |
| 9.8 | 2940 | 143.47 | 65000 | 2.7 | KF | 107 D100L4 |
| 12 | 2490 | 121.46 | 65000 | 3.2 | KA | 107 D100L4 |
| | | | | | KAF | 107 D100L4 |
| 7.6 | 3780 | 123.93 | 40000 | 1.15 | K | 97 D132S6 |
| 8.9 | 3200 | 105.13 | 40000 | 1.35 | KF | 97 D132S6 |
| 9.7 | 2950 | 96.80 | 40000 | 1.45 | KA | 97 D132S6 |
| 11 | 2640 | 86.52 | 40000 | 1.65 | KAF | 97 D132S6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **3.0kW** | | | | | | | |
| 7.9 | 3600 | 176.05 | 40000 | 1.20 | K | 97 | D100L4 |
| 9.1 | 3140 | 153.21 | 40000 | 1.35 | KF | 97 | D100L4 |
| 10 | 2870 | 140.28 | 40000 | 1.50 | KA | 97 | D100L4 |
| 11 | 2540 | 123.93 | 40000 | 1.70 | KAF | 97 | D100L4 |
| 13 | 2150 | 105.13 | 40000 | 2.0 | | | |
| 14 | 1980 | 96.80 | 40000 | 2.2 | K | 97 | D100L4 |
| 16 | 1770 | 86.52 | 40000 | 2.4 | KF | 97 | D100L4 |
| 18 | 1590 | 77.89 | 40000 | 2.7 | KA | 97 | D100L4 |
| 20 | 1440 | 70.54 | 40000 | 3.0 | KAF | 97 | D100L4 |
| 22 | 1280 | 62.55 | 40000 | 3.4 | | | |
| 25 | 1160 | 56.55 | 40000 | 3.7 | | | |
| 9.5 | 3010 | 147.32 | 26900 | 0.90 | K | 87 | D100L4 |
| 11 | 2600 | 126.91 | 27400 | 1.05 | KF | 87 | D100L4 |
| 12 | 2370 | 115.82 | 27700 | 1.15 | KA | 87 | D100L4 |
| 14 | 2100 | 102.71 | 28000 | 1.30 | KAF | 87 | D100L4 |
| 16 | 1770 | 86.34 | 28300 | 1.55 | | | |
| 18 | 1620 | 79.34 | 28400 | 1.65 | | | |
| 20 | 1440 | 70.46 | 28500 | 1.85 | K | 87 | D100L4 |
| 22 | 1290 | 63.00 | 28600 | 2.1 | KF | 87 | D100L4 |
| 25 | 1160 | 56.64 | 28700 | 2.3 | KA | 87 | D100L4 |
| 28 | 1010 | 49.16 | 28800 | 2.7 | KAF | 87 | D100L4 |
| 32 | 900 | 44.02 | 28800 | 2.9 | | | |
| 36 | 745 | 36.52 | 28400 | 3.3 | | | |
| 16 | 1820 | 88.97 | 13100 | 0.85 | | | |
| 18 | 1600 | 78.07 | 15000 | 0.95 | K | 77 | D100L4 |
| 19 | 1510 | 73.99 | 15600 | 1.00 | KF | 77 | D100L4 |
| 22 | 1330 | 64.75 | 16800 | 1.15 | KA | 77 | D100L4 |
| 24 | 1190 | 58.34 | 17500 | 1.30 | KAF | 77 | D100L4 |
| 27 | 1050 | 51.18 | 18100 | 1.50 | | | |
| 31 | 920 | 45.16 | 18600 | 1.70 | K | 77 | D100L4 |
| 35 | 820 | 40.04 | 18900 | 1.90 | KF | 77 | D100L4 |
| 40 | 720 | 35.20 | 19200 | 2.2 | KA | 77 | D100L4 |
| 45 | 630 | 30.89 | 19400 | 2.5 | KAF | 77 | D100L4 |
| 32 | 910 | 44.32 | 9450 | 0.90 | | | |
| 36 | 785 | 38.39 | 10600 | 1.00 | K | 67 | D100L4 |
| 39 | 730 | 35.62 | 11100 | 1.15 | KF | 67 | D100L4 |
| 46 | 620 | 30.22 | 11800 | 1.35 | KA | 67 | D100L4 |
| 51 | 560 | 27.28 | 12100 | 1.45 | KAF | 67 | D100L4 |
| 58 | 490 | 24.00 | 12500 | 1.65 | | | |
| 62 | 465 | 22.66 | 12600 | 1.70 | | | |
| 73 | 395 | 19.30 | 12800 | 1.95 | | | |
| 80 | 360 | 17.54 | 13000 | 2.1 | K | 67 | D100L4 |
| 92 | 310 | 15.19 | 13000 | 2.2 | KF | 67 | D100L4 |
| 106 | 270 | 13.22 | 13000 | 2.5 | KA | 67 | D100L4 |
| 112 | 255 | 12.48 | 13000 | 2.1 | KAF | 67 | D100L4 |
| 132 | 220 | 10.63 | 13000 | 2.3 | | | |
| 145 | 198 | 9.66 | 13000 | 2.4 | | | |
| 46 | 620 | 30.28 | 7180 | 0.95 | K | 57 | D100L4 |
| 51 | 560 | 27.34 | 7190 | 1.05 | KF | 57 | D100L4 |
| 58 | 490 | 24.05 | 7180 | 1.20 | KA | 57 | D100L4 |
| | | | | | KAF | 57 | D100L4 |
| 62 | 465 | 22.71 | 7160 | 1.30 | | | |
| 72 | 395 | 19.34 | 7080 | 1.45 | | | |
| 80 | 360 | 17.57 | 7020 | 1.55 | | | |
| 92 | 310 | 15.22 | 6890 | 1.70 | K | 57 | D100L4 |
| 106 | 270 | 13.25 | 6750 | 1.90 | KF | 57 | D100L4 |
| 117 | 245 | 19.92 | 6420 | 1.70 | KA | 57 | D100L4 |
| 124 | 230 | 11.26 | 6370 | 1.80 | KAF | 57 | D100L4 |
| 146 | 196 | 9.59 | 6200 | 2.1 | | | |
| 161 | 178 | 8.71 | 6090 | 2.2 | | | |
| 186 | 154 | 7.55 | 5920 | 2.4 | | | |
| 213 | 134 | 6.57 | 5750 | 2.6 | | | |
| 72 | 400 | 19.58 | 4430 | 1.00 | K | 47 | D100L4 |
| 83 | 345 | 16.86 | 4490 | 1.10 | KF | 47 | D100L4 |
| 88 | 325 | 15.86 | 4500 | 1.15 | KA | 47 | D100L4 |
| | | | | | KAF | 47 | D100L4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **3.0kW** | | | | | | | |
| 103 | 280 | 13.65 | 4510 | 1.30 | | | |
| 115 | 250 | 12.19 | 4490 | 1.40 | | | |
| 119 | 240 | 11.77 | 4370 | 1.15 | K | 47 | D100L4 |
| 133 | 215 | 10.56 | 4350 | 1.30 | KF | 47 | D100L4 |
| 154 | 186 | 9.10 | 4290 | 1.50 | KA | 47 | D100L4 |
| 164 | 175 | 8.56 | 4270 | 1.55 | KAF | 47 | D100L4 |
| 190 | 151 | 7.36 | 4190 | 1.65 | | | |
| 213 | 135 | 6.58 | 4120 | 1.80 | | | |
| 241 | 119 | 5.81 | 4030 | 1.95 | | | |
| 157 | 182 | 8.91 | 2000 | 0.90 | | | |
| 176 | 163 | 7.96 | 2040 | 0.95 | K | 37 | D100L4 |
| 206 | 139 | 6.80 | 2080 | 1.10 | KF | 37 | D100L4 |
| 220 | 130 | 6.37 | 2080 | 1.10 | KA | 37 | D100L4 |
| 261 | 110 | 5.36 | 2090 | 1.30 | KAF | 37 | D100L4 |
| **4.0kW** | | | | | | | |
| 1.7 | 20300 | 835 | 190000 | 2.5 | K | 187 R107 | D112M4 |
| 2.7 | 12600 | 520 | 190000 | 4.0 | | | |
| 0.56 | 61900 | 2519 | 168800 | 0.80 | | | |
| 0.63 | 55600 | 2268 | 180200 | 0.90 | | | |
| 0.69 | 50300 | 2054 | 189400 | 1.00 | | | |
| 0.78 | 44500 | 1821 | 190000 | 1.10 | | | |
| 0.88 | 39300 | 1605 | 190000 | 1.25 | K | 187 R97 | D112M4 |
| 1.0 | 34000 | 1395 | 190000 | 1.45 | | | |
| 1.2 | 29200 | 1196 | 190000 | 1.70 | | | |
| 1.4 | 25600 | 1046 | 190000 | 1.95 | | | |
| 1.5 | 23100 | 945 | 190000 | 2.2 | | | |
| 1.0 | 34600 | 1408 | 150000 | 0.90 | | | |
| 1.1 | 31900 | 1296 | 150000 | 1.00 | | | |
| 1.3 | 26900 | 1101 | 150000 | 1.20 | | | |
| 1.5 | 23100 | 944 | 150000 | 1.40 | K | 167 R97 | D112M4 |
| 1.7 | 20500 | 843 | 150000 | 1.55 | | | |
| 1.9 | 18500 | 757 | 150000 | 1.75 | | | |
| 2.2 | 15400 | 632 | 150000 | 2.1 | | | |
| 1.7 | 20900 | 854 | 110600 | 0.85 | K | 157 R97 | D112M4 |
| 1.9 | 18400 | 756 | 112000 | 1.00 | KF | 157 R97 | D112M4 |
| 2.5 | 13800 | 567 | 114000 | 1.30 | KA | 157 R97 | D112M4 |
| 2.8 | 12300 | 504 | 114600 | 1.45 | KAF | 157 R97 | D112M4 |
| 3.3 | 10600 | 434 | 115100 | 1.70 | | | |
| 2.7 | 13100 | 536 | 79100 | 1.00 | | | |
| 3.0 | 11600 | 473 | 79900 | 1.10 | K | 127 R87 | D112M4 |
| 3.4 | 10300 | 418 | 80600 | 1.25 | KF | 127 R87 | D112M4 |
| 3.9 | 9040 | 367 | 81100 | 1.45 | KA | 127 R87 | D112M4 |
| 4.3 | 8120 | 330 | 81400 | 1.60 | KAF | 127 R87 | D112M4 |
| 5.0 | 7010 | 287 | 81800 | 1.85 | | | |
| 5.6 | 6200 | 253 | 82000 | 2.1 | | | |
| 2.3 | 15100 | 610 | 75800 | 0.85 | K | 127 R77 | D112M4 |
| 2.6 | 13600 | 549 | 78800 | 0.95 | KF | 127 R77 | D112M4 |
| 3.0 | 11800 | 477 | 79800 | 1.10 | KA | 127 R77 | D112M4 |
| 3.4 | 10300 | 418 | 80500 | 1.25 | KAF | 127 R77 | D112M4 |
| 3.9 | 8990 | 364 | 650000 | 0.90 | | | |
| 4.5 | 7860 | 318 | 650000 | 1.00 | | | |
| 5.0 | 7080 | 286 | 650000 | 1.15 | K | 107 R77 | D112M4 |
| 5.7 | 6200 | 251 | 650000 | 1.30 | KF | 107 R77 | D112M4 |
| 6.4 | 5470 | 222 | 650000 | 1.45 | KA | 107 R77 | D112M4 |
| 7.2 | 4840 | 196 | 650000 | 1.65 | KAF | 107 R77 | D112M4 |
| 8.2 | 4290 | 174 | 650000 | 1.70 | | | |
| 9.2 | 3800 | 154 | 650000 | 1.90 | | | |
| 10 | 3440 | 140 | 650000 | 2.1 | | | |
| 7.1 | 4930 | 199 | 40000 | 0.85 | K | 97 R57 | D112M4 |
| | | | | | KF | 97 R57 | D112M4 |
| | | | | | KA | 97 R57 | D112M4 |
| | | | | | KAF | 97 R57 | D112M4 |
| 5.3 | 7220 | 132.14 | 81700 | 1.80 | K | 127 | D132ML8 |
| 5.9 | 6500 | 122.48 | 81900 | 2.0 | KF | 127 | D132ML8 |
| 6.5 | 5850 | 110.18 | 82100 | 2.2 | KA | 127 | D132ML8 |
| | | | | | KAF | 127 | D132ML8 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | | |
| 6.6 | 5810 | 146.07 | 82100 | 2.2 | K | 127 | D132M6 |
| 7.1 | 5420 | 136.14 | 82200 | 2.4 | KF | 127 | D132M6 |
| 7.8 | 4870 | 122.48 | 82300 | 2.7 | KA | 127 | D132M6 |
| 8.7 | 4380 | 110.18 | 82400 | 3.0 | KAF | 127 | D132M6 |
| 6.4 | 5960 | 112.41 | 65000 | 1.35 | K | 107 | D132ML8 |
| 7.2 | 5340 | 100.75 | 65000 | 1.50 | KF | 107 | D132ML8 |
| 7.9 | 4830 | 90.96 | 65000 | 1.65 | KA | 107 | D132ML8 |
| 8.7 | 4380 | 82.61 | 65000 | 1.85 | KAF | 107 | D132ML8 |
| 6.7 | 5710 | 143.47 | 65000 | 1.40 | K | 107 | D132M6 |
| 7.9 | 4830 | 121.46 | 65000 | 1.65 | KF | 107 | D132M6 |
| 8.5 | 4470 | 112.41 | 65000 | 1.80 | KA | 107 | D132M6 |
| 9.5 | 4010 | 100.75 | 65000 | 2.0 | KAF | 107 | D132M6 |
| 11 | 3620 | 90.96 | 65000 | 2.2 | | | |
| 9.9 | 3860 | 143.47 | 65000 | 2.1 | | | |
| 12 | 3270 | 121.46 | 65000 | 2.5 | K | 107 | D112M4 |
| 13 | 3020 | 112.41 | 65000 | 2.7 | KF | 107 | D112M4 |
| 14 | 2710 | 100.75 | 65000 | 3.0 | KA | 107 | D112M4 |
| 16 | 2450 | 90.96 | 65000 | 3.3 | KAF | 107 | D112M4 |
| 17 | 2220 | 82.61 | 65000 | 3.6 | | | |
| 19 | 1970 | 73.30 | 65000 | 4.1 | | | |
| 9.3 | 4120 | 153.21 | 40000 | 1.05 | K | 97 | D112M4 |
| 10 | 3770 | 140.28 | 40000 | 1.15 | KF | 97 | D112M4 |
| 11 | 3330 | 123.93 | 40000 | 1.30 | KA | 97 | D112M4 |
| | | | | | KAF | 97 | D112M4 |
| 14 | 2830 | 105.13 | 40000 | 1.50 | K | 97 | D112M4 |
| 15 | 2600 | 96.80 | 40000 | 1.65 | BKF | 97 | D112M4 |
| 16 | 2330 | 86.52 | 40000 | 1.85 | KA | 97 | D112M4 |
| 18 | 2100 | 77.89 | 40000 | 2.0 | KAFB | 97 | D112M4 |
| 20 | 1900 | 70.54 | 40000 | 2.3 | | | |
| 12 | 3120 | 115.82 | 26700 | 0.85 | K | 87 | D112M4 |
| 14 | 2760 | 102.71 | 27200 | 1.00 | KF | 87 | D112M4 |
| 16 | 2320 | 86.34 | 27700 | 1.15 | KA | 87 | D112M4 |
| 18 | 2130 | 79.34 | 27900 | 1.25 | KAF | 87 | D112M4 |
| 20 | 1900 | 70.46 | 28200 | 1.40 | | | |
| 23 | 1690 | 63.00 | 28300 | 1.60 | K | 87 | D112M4 |
| 25 | 1520 | 56.64 | 28500 | 1.75 | KF | 87 | D112M4 |
| 29 | 1320 | 49.16 | 28600 | 2.0 | KA | 87 | D112M4 |
| 32 | 1180 | 44.02 | 28300 | 2.2 | KAF | 87 | D112M4 |
| 39 | 980 | 36.52 | 27300 | 2.5 | | | |
| 22 | 1740 | 64.75 | 13900 | 0.90 | | | |
| 24 | 1570 | 58.34 | 15200 | 1.00 | K | 77 | D112M4 |
| 28 | 1380 | 51.18 | 16500 | 1.15 | KF | 77 | D112M4 |
| 31 | 1210 | 45.16 | 17400 | 1.30 | KA | 77 | D112M4 |
| 35 | 1080 | 40.04 | 18000 | 1.45 | KAF | 77 | D112M4 |
| 37 | 1030 | 38.39 | 18200 | 1.45 | | | |
| 40 | 950 | 35.20 | 18500 | 1.65 | | | |
| 46 | 830 | 30.89 | 18900 | 1.85 | K | 77 | D112M4 |
| 49 | 785 | 29.27 | 19000 | 1.95 | KF | 77 | D112M4 |
| 55 | 690 | 25.62 | 19300 | 2.2 | KA | 77 | D112M4 |
| 62 | 620 | 23.08 | 19500 | 2.5 | KAF | 77 | D112M4 |
| 70 | 545 | 20.25 | 19600 | 2.8 | | | |
| 47 | 810 | 30.22 | 10400 | 1.00 | K | 67 | D112M4 |
| 52 | 735 | 27.28 | 11000 | 1.10 | KF | 67 | D112M4 |
| 59 | 645 | 24.00 | 11600 | 1.25 | KA | 67 | D112M4 |
| 63 | 610 | 22.66 | 11800 | 1.30 | KAF | 67 | D112M4 |
| 74 | 520 | 19.30 | 12300 | 1.45 | | | |
| 81 | 470 | 17.54 | 12500 | 1.55 | | | |
| 94 | 410 | 15.19 | 12800 | 1.70 | K | 67 | D112M4 |
| 107 | 355 | 13.22 | 13000 | 1.90 | KF | 67 | D112M4 |
| 114 | 335 | 12.48 | 13000 | 1.60 | KA | 67 | D112M4 |
| 134 | 285 | 10.63 | 13000 | 1.75 | KAF | 67 | D112M4 |
| 147 | 260 | 9.66 | 12900 | 1.85 | | | |
| 170 | 225 | 8.37 | 12500 | 1.95 | | | |
| 195 | 196 | 7.28 | 12100 | 2.1 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | | |
| 59 | 645 | 24.05 | 6120 | 0.95 | | | |
| 63 | 610 | 22.71 | 6160 | 1.00 | | | |
| 73 | 520 | 19.34 | 6220 | 1.10 | | | |
| 81 | 475 | 17.57 | 6230 | 1.15 | | | |
| 93 | 410 | 15.22 | 6210 | 1.30 | K | 57 | D112M4 |
| 107 | 355 | 13.25 | 6150 | 1.45 | KF | 57 | D112M4 |
| 119 | 320 | 11.92 | 5810 | 1.30 | KA | 57 | D112M4 |
| 126 | 305 | 11.26 | 5790 | 1.35 | KAF | 57 | D112M4 |
| 148 | 260 | 9.59 | 5700 | 1.55 | | | |
| 163 | 235 | 8.71 | 5640 | 1.65 | | | |
| 188 | 205 | 7.55 | 5530 | 1.80 | | | |
| 216 | 177 | 6.57 | 5400 | 1.95 | | | |
| **5.5kW** | | | | | | | |
| 0.79 | 61100 | 1821 | 170200 | 0.80 | | | |
| 0.89 | 53900 | 1605 | 183200 | 0.95 | | | |
| 1.0 | 46700 | 1395 | 190000 | 1.05 | | | |
| 1.2 | 40100 | 1196 | 190000 | 1.25 | K | 187 R97 | D132S4 |
| 1.4 | 35100 | 1046 | 190000 | 1.45 | | | |
| 1.5 | 31700 | 945 | 190000 | 1.60 | | | |
| 1.9 | 24800 | 738 | 190000 | 2.0 | | | |
| 2.3 | 20800 | 621 | 190000 | 2.4 | | | |
| 1.3 | 36900 | 1101 | 150000 | 0.85 | | | |
| 1.5 | 31700 | 944 | 150000 | 1.00 | | | |
| 1.7 | 28200 | 843 | 150000 | 1.15 | | | |
| 1.9 | 25400 | 757 | 150000 | 1.25 | K | 167 R97 | D132S4 |
| 2.3 | 21200 | 632 | 150000 | 1.50 | | | |
| 2.5 | 18700 | 561 | 150000 | 1.70 | | | |
| 3.0 | 16100 | 481 | 150000 | 2.0 | | | |
| 3.4 | 14100 | 423 | 150000 | 2.3 | | | |
| 2.2 | 22100 | 661 | 109900 | 0.80 | | | |
| 2.5 | 19000 | 567 | 111700 | 0.95 | K | 157 R97 | D132S4 |
| 2.8 | 16900 | 504 | 112700 | 1.05 | KF | 157 R97 | D132S4 |
| 3.3 | 14500 | 434 | 113800 | 1.25 | KA | 157 R97 | D132S4 |
| 3.8 | 12700 | 379 | 114500 | 1.40 | KAF | 157 R97 | D132S4 |
| 4.3 | 11100 | 333 | 115000 | 1.60 | | | |
| 3.4 | 14100 | 418 | 77800 | 0.90 | | | |
| 3.9 | 12400 | 367 | 79500 | 1.05 | | | |
| 4.3 | 11100 | 330 | 80200 | 1.15 | K | 127 R87 | D132S4 |
| 5.0 | 9620 | 287 | 80800 | 1.35 | KF | 127 R87 | D132S4 |
| 5.6 | 8510 | 253 | 81300 | 1.55 | KA | 127 R87 | D132S4 |
| 6.7 | 7150 | 213 | 81700 | 1.80 | KAF | 127 R87 | D132S4 |
| 7.1 | 6740 | 200 | 81900 | 1.80 | | | |
| 8.6 | 5580 | 166 | 82200 | 2.2 | | | |
| 9.8 | 4920 | 147 | 82300 | 2.4 | | | |
| 6.4 | 7490 | 222 | 65000 | 1.05 | K | 107 R77 | D132S4 |
| 7.3 | 6640 | 196 | 65000 | 1.20 | KF | 107 R77 | D132S4 |
| 8.2 | 5870 | 174 | 65000 | 1.25 | KA | 107 R77 | D132S4 |
| 9.3 | 5200 | 154 | 65000 | 1.40 | KAF | 107 R77 | D132S4 |
| 10 | 4720 | 140 | 65000 | 1.55 | | | |
| 4.7 | 11100 | 150.41 | 115000 | 1.60 | K | 157 | D160M8 |
| 5.8 | 9050 | 122.39 | 115500 | 2.0 | KF | 157 | D160M8 |
| 7.1 | 7410 | 100.22 | 115900 | 2.4 | KA | 157 | D160M8 |
| 7.8 | 6780 | 91.65 | 116000 | 2.7 | KAF | 157 | D160M8 |
| 5.2 | 10100 | 136.14 | 80700 | 1.30 | K | 127 | D160M8 |
| 5.8 | 9060 | 122.48 | 81100 | 1.45 | KF | 127 | D160M8 |
| 6.4 | 8150 | 110.18 | 81400 | 1.60 | KA | 127 | D160M8 |
| 7.9 | 6650 | 89.89 | 81900 | 1.95 | KAF | 127 | D160M8 |
| 7.1 | 7450 | 136.14 | 81600 | 1.75 | K | 127 | D132ML6 |
| 7.8 | 6700 | 122.48 | 81900 | 1.95 | KF | 127 | D132ML6 |
| 8.7 | 6030 | 110.18 | 82100 | 2.2 | KA | 127 | D132ML6 |
| 11 | 4920 | 89.89 | 82300 | 2.6 | KAF | 127 | D132ML6 |
| 8.5 | 6150 | 112.41 | 65000 | 1.30 | K | 107 | D132ML6 |
| 9.5 | 5510 | 100.75 | 65000 | 1.45 | KF | 107 | D132ML6 |
| 11 | 4980 | 90.96 | 65000 | 1.60 | KA | 107 | D132ML6 |
| 12 | 4520 | 82.61 | 65000 | 1.75 | KAF | 107 | D132ML6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **5.5kW** | | | | | | | |
| 10 | 5270 | 143.47 | 65000 | 1.50 | | | |
| 12 | 4460 | 121.46 | 65000 | 1.80 | K | 107 | D132S4 |
| 13 | 4130 | 112.41 | 65000 | 1.95 | KF | 107 | D132S4 |
| 14 | 3700 | 100.75 | 65000 | 2.2 | KA | 107 | D132S4 |
| 16 | 3340 | 90.96 | 65000 | 2.4 | KAF | 107 | D132S4 |
| 17 | 3030 | 82.61 | 65000 | 2.6 | | | |
| 12 | 4550 | 123.93 | 40000 | 0.95 | K | 97 | D132S4 |
| 14 | 3860 | 105.13 | 40000 | 1.10 | KF | 97 | D132S4 |
| 15 | 3560 | 96.80 | 40000 | 1.20 | KA | 97 | D132S4 |
| 17 | 3180 | 86.52 | 40000 | 1.35 | KAF | 97 | D132S4 |
| 18 | 2860 | 77.89 | 40000 | 1.50 | K | 97 | D132S4 |
| 20 | 2590 | 70.54 | 40000 | 1.65 | KF | 97 | D132S4 |
| 23 | 2300 | 62.55 | 40000 | 1.85 | KA | 97 | D132S4 |
| 25 | 2080 | 56.55 | 39700 | 2.1 | KAF | 97 | D132S4 |
| 30 | 1760 | 47.93 | 38600 | 2.4 | | | |
| 17 | 3170 | 86.34 | 26600 | 0.85 | K | 87 | D132S4 |
| 18 | 2910 | 79.34 | 27000 | 0.95 | KF | 87 | D132S4 |
| 20 | 2590 | 70.46 | 27400 | 1.05 | KA | 87 | D132S4 |
| 23 | 2310 | 63.00 | 27500 | 1.15 | KAF | 87 | D132S4 |
| 25 | 2080 | 56.64 | 27300 | 1.30 | | | |
| 29 | 1810 | 49.16 | 26900 | 1.50 | K | 87 | D132S4 |
| 32 | 1620 | 44.02 | 26500 | 1.60 | KF | 87 | D132S4 |
| 39 | 1340 | 36.52 | 25800 | 1.85 | KA | 87 | D132S4 |
| 46 | 1150 | 31.39 | 25200 | 2.3 | KAF | 87 | D132S4 |
| 51 | 1020 | 27.88 | 24700 | 2.5 | | | |
| 32 | 1660 | 45.16 | 14600 | 0.95 | K | 77 | D132S4 |
| 36 | 1470 | 40.04 | 15900 | 1.05 | KF | 77 | D132S4 |
| 46 | 1130 | 30.89 | 17800 | 1.35 | KA | 77 | D132S4 |
| 49 | 1070 | 29.27 | 18000 | 1.45 | KAF | 77 | D132S4 |
| 56 | 940 | 25.62 | 18500 | 1.65 | | | |
| 62 | 850 | 23.08 | 18800 | 1.85 | | | |
| 71 | 745 | 20.25 | 19100 | 2.0 | K | 77 | D132S4 |
| 80 | 655 | 17.87 | 19400 | 2.2 | KF | 77 | D132S4 |
| 90 | 580 | 15.84 | 19200 | 2.4 | KA | 77 | D132S4 |
| 106 | 495 | 13.52 | 18600 | 2.7 | KAF | 77 | D132S4 |
| 116 | 455 | 12.36 | 17900 | 2.2 | | | |
| 132 | 400 | 10.84 | 17400 | 2.5 | | | |
| 60 | 880 | 24.00 | 9720 | 0.90 | | | |
| 63 | 830 | 22.66 | 10200 | 0.95 | K | 67 | D132S4 |
| 74 | 710 | 19.30 | 11200 | 1.05 | KF | 67 | D132S4 |
| 82 | 645 | 17.54 | 11600 | 1.15 | KA | 67 | D132S4 |
| 94 | 560 | 15.19 | 12100 | 1.25 | KAF | 67 | D132S4 |
| 108 | 485 | 13.22 | 12500 | 1.40 | | | |
| 115 | 460 | 12.48 | 12600 | 1.15 | K | 67 | D132S4 |
| 135 | 390 | 10.63 | 12400 | 1.30 | KF | 67 | D132S4 |
| 148 | 355 | 9.66 | 12200 | 1.35 | KA | 67 | D132S4 |
| 171 | 305 | 8.37 | 11900 | 1.45 | KAF | 67 | D132S4 |
| 196 | 265 | 7.28 | 11600 | 1.55 | | | |
| 81 | 645 | 17.57 | 5080 | 0.85 | | | |
| 94 | 560 | 15.22 | 5210 | 0.95 | | | |
| 108 | 485 | 13.25 | 5280 | 1.05 | K | 57 | D132S4 |
| 120 | 440 | 11.92 | 4920 | 0.95 | KF | 57 | D132S4 |
| 127 | 415 | 11.26 | 4950 | 1.00 | KA | 57 | D132S4 |
| 149 | 350 | 9.59 | 4990 | 1.15 | KAF | 57 | D132S4 |
| 164 | 320 | 8.71 | 4990 | 1.20 | | | |
| 190 | 275 | 7.55 | 4960 | 1.30 | | | |
| 218 | 240 | 6.57 | 4910 | 1.45 | | | |
| **7.5kW** | | | | | | | |
| 1.7 | 38200 | 835 | 190000 | 1.30 | | | |
| 2.0 | 33300 | 729 | 190000 | 1.50 | K | 187R107 | D132M4 |
| 2.3 | 28400 | 622 | 190000 | 1.75 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **7.5kW** | | | | | |
| 1.2 | 55000 | 1196 | 181400 | 0.90 | |
| 1.4 | 48000 | 1046 | 190000 | 1.05 | |
| 1.5 | 43400 | 945 | 190000 | 1.15 | K 187 R97 D132M4 |
| 1.9 | 33900 | 738 | 190000 | 1.45 | |
| 2.3 | 28500 | 621 | 190000 | 1.75 | |
| 2.7 | 24100 | 527 | 190000 | 2.1 | |
| 1.7 | 38700 | 843 | 150000 | 0.85 | |
| 1.9 | 34700 | 757 | 150000 | 0.90 | |
| 2.3 | 29000 | 632 | 150000 | 1.10 | |
| 2.5 | 25700 | 561 | 150000 | 1.25 | K 167 R97 D132M4 |
| 3.0 | 22100 | 481 | 150000 | 1.45 | |
| 3.4 | 19400 | 423 | 150000 | 1.65 | |
| 3.9 | 16900 | 369 | 150000 | 1.90 | |
| 3.3 | 19900 | 434 | 111200 | 0.90 | K 157 R97 D132M4 |
| 3.8 | 17400 | 379 | 112500 | 1.05 | KF 157 R97 D132M4 |
| 4.3 | 15300 | 333 | 113500 | 1.20 | KA 157 R97 D132M4 |
| 4.9 | 13300 | 291 | 114200 | 1.35 | KAF 157 R97 D132M4 |
| 4.3 | 15200 | 330 | 75500 | 0.85 | |
| 5.0 | 13200 | 287 | 79100 | 1.00 | K 127 R87 D132M4 |
| 5.6 | 11600 | 253 | 79900 | 1.10 | KF 127 R87 D132M4 |
| 6.7 | 9790 | 213 | 80800 | 1.35 | KA 127 R87 D132M4 |
| 7.1 | 9220 | 200 | 81000 | 1.30 | KAF 127 R87 D132M4 |
| 8.6 | 7640 | 166 | 81600 | 1.55 | |
| 9.8 | 6740 | 147 | 81900 | 1.80 | |
| 4.4 | 16400 | 164.50 | 150000 | 1.95 | K 167 D160L8 |
| 5.3 | 13400 | 134.99 | 150000 | 2.4 | |
| 5.8 | 12300 | 164.50 | 150000 | 2.6 | K 167 D160M6 |
| 7.1 | 10100 | 134.99 | 150000 | 3.2 | |
| 6.4 | 11200 | 150.41 | 114900 | 1.60 | K 157 D160M6 |
| 7.8 | 9130 | 122.39 | 115500 | 1.95 | KF 157 D160M6 |
| 9.6 | 7480 | 100.22 | 115900 | 2.4 | KA 157 D160M6 |
| 10 | 6840 | 91.65 | 116000 | 2.6 | KAF 157 D160M6 |
| 12 | 5950 | 79.75 | 116200 | 3.0 | |
| 7.1 | 10200 | 136.14 | 80600 | 1.30 | K 127 D160M6 |
| 7.8 | 9140 | 122.48 | 81000 | 1.40 | KF 127 D160M6 |
| 8.7 | 8220 | 110.18 | 81400 | 1.60 | KA 127 D160M6 |
| 11 | 6710 | 89.89 | 81900 | 1.95 | KAF 127 D160M6 |
| 9.8 | 7320 | 146.07 | 81700 | 1.80 | |
| 11 | 6820 | 136.14 | 81800 | 1.90 | K 127 D132M4 |
| 12 | 6130 | 122.48 | 82000 | 2.1 | KF 127 D132M4 |
| 13 | 5520 | 110.18 | 82200 | 2.4 | KA 127 D132M4 |
| 16 | 4500 | 89.89 | 82400 | 2.9 | KAF 127 D132M4 |
| 17 | 4110 | 81.98 | 82500 | 3.2 | |
| 20 | 3550 | 70.95 | 82600 | 3.7 | |
| 10 | 7190 | 143.47 | 65000 | 1.10 | K 107 D132M4 |
| 12 | 6080 | 121.46 | 65000 | 1.30 | KF 107 D132M4 |
| 13 | 5630 | 112.41 | 65000 | 1.40 | KA 107 D132M4 |
| | | | | | KAF 107 D132M4 |
| 14 | 5050 | 100.75 | 65000 | 1.60 | |
| 16 | 4560 | 90.96 | 64200 | 1.75 | |
| 17 | 4140 | 82.61 | 63200 | 1.95 | K 107 D132M4 |
| 20 | 3670 | 73.30 | 61900 | 2.2 | KF 107 D132M4 |
| 22 | 3330 | 66.52 | 60900 | 2.4 | KA 107 D132M4 |
| 25 | 2860 | 57.17 | 59100 | 2.8 | KAF 107 D132M4 |
| 29 | 2500 | 49.90 | 57500 | 3.1 | |
| 34 | 2120 | 42.33 | 55500 | 3.5 | |
| 39 | 1850 | 37.00 | 53800 | 3.9 | |
| 15 | 4850 | 96.80 | 38300 | 0.90 | K 97 D132M4 |
| 17 | 4330 | 86.52 | 38300 | 1.00 | KF 97 D132M4 |
| 18 | 3900 | 77.89 | 38100 | 1.10 | KA 97 D132M4 |
| 20 | 3530 | 70.54 | 37900 | 1.20 | KAF 97 D132M4 |
| 23 | 3130 | 62.55 | 37500 | 1.35 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **7.5kW** | | | | | |
| 25 | 2830 | 56.55 | 37100 | 1.50 | K 97 D132M4 |
| 30 | 2400 | 47.93 | 36400 | 1.80 | KF 97 D132M4 |
| 34 | 2100 | 41.87 | 35600 | 2.0 | KA 97 D132M4 |
| 37 | 1920 | 38.30 | 35100 | 2.2 | KAF 97 D132M4 |
| 42 | 1710 | 34.23 | 34400 | 2.5 | |
| 23 | 3160 | 63.00 | 24100 | 0.85 | K 87 D132M4 |
| 25 | 2840 | 56.64 | 24200 | 0.95 | KF 87 D132M4 |
| 29 | 2460 | 49.16 | 24200 | 1.10 | KA 87 D132M4 |
| 32 | 2200 | 44.02 | 24200 | 1.20 | KAF 87 D132M4 |
| 39 | 1830 | 36.52 | 23900 | 1.35 | |
| 46 | 1570 | 31.39 | 23500 | 1.70 | |
| 51 | 1400 | 27.88 | 23200 | 1.85 | |
| 57 | 1250 | 24.92 | 22800 | 2.0 | K 87 D132M4 |
| 64 | 1120 | 22.41 | 22500 | 2.0 | KF 87 D132M4 |
| 74 | 970 | 19.45 | 21900 | 2.4 | KA 87 D132M4 |
| 82 | 870 | 17.42 | 21500 | 2.5 | KAF 87 D132M4 |
| 89 | 800 | 16.00 | 20600 | 2.2 | |
| 99 | 725 | 14.45 | 20700 | 2.9 | |
| 46 | 1550 | 30.89 | 15400 | 1.00 | K 77 D132M4 |
| 49 | 1470 | 29.27 | 16000 | 1.05 | KF 77 D132M4 |
| 56 | 1280 | 25.62 | 17000 | 1.20 | KA 77 D132M4 |
| 62 | 1160 | 23.08 | 17700 | 1.35 | KAF 77 D132M4 |
| 71 | 1010 | 20.25 | 18300 | 1.50 | |
| 80 | 890 | 17.87 | 18600 | 1.60 | |
| 90 | 795 | 15.84 | 18200 | 1.75 | |
| 106 | 675 | 13.52 | 17800 | 2.0 | K 77 D132M4 |
| 116 | 620 | 12.36 | 17000 | 1.60 | KF 77 D132M4 |
| 132 | 545 | 10.84 | 16700 | 1.80 | KA 77 D132M4 |
| 150 | 480 | 9.56 | 16300 | 1.95 | KAF 77 D132M4 |
| 169 | 425 | 8.48 | 15900 | 2.1 | |
| 198 | 365 | 7.24 | 15400 | 2.3 | |
| **9.2kW** | | | | | |
| 1.7 | 46700 | 835 | 190000 | 1.05 | |
| 2.0 | 40700 | 729 | 190000 | 1.25 | |
| 2.3 | 34700 | 622 | 190000 | 1.45 | K 187R107 D132ML4 |
| 2.8 | 29100 | 520 | 190000 | 1.70 | |
| 3.2 | 25300 | 454 | 190000 | 1.95 | |
| 1.4 | 58600 | 1046 | 174800 | 0.85 | |
| 1.5 | 53000 | 945 | 184900 | 0.95 | |
| 2.0 | 41400 | 738 | 190000 | 1.20 | K 187R97 D132ML4 |
| 2.3 | 34800 | 621 | 190000 | 1.45 | |
| 2.7 | 29500 | 527 | 190000 | 1.70 | |
| 4.5 | 17800 | 318 | 150000 | 1.80 | |
| 5.2 | 15500 | 278 | 150000 | 2.1 | |
| 5.9 | 13600 | 244 | 150000 | 2.3 | K 167R107 D132ML4 |
| 6.8 | 11900 | 213 | 150000 | 2.7 | |
| 7.0 | 11500 | 206 | 150000 | 2.8 | |
| 2.3 | 35400 | 632 | 150000 | 0.90 | |
| 2.6 | 31300 | 561 | 150000 | 1.00 | |
| 3.0 | 27000 | 481 | 150000 | 1.20 | K 167R97 D132ML4 |
| 3.4 | 23700 | 423 | 150000 | 1.35 | |
| 3.9 | 20600 | 369 | 150000 | 1.55 | |
| 3.7 | 21400 | 385 | 110300 | 0.85 | K 157R107 D132ML4 |
| 4.4 | 18100 | 325 | 112100 | 1.00 | KF 157R107 D132ML4 |
| 4.8 | 16700 | 299 | 112800 | 1.10 | KA 157R107 D132ML4 |
| 5.7 | 14100 | 253 | 113900 | 1.25 | KAF 157R107 D132ML4 |
| 6.2 | 12800 | 230 | 114400 | 1.40 | |
| 3.8 | 21200 | 379 | 110400 | 0.85 | K 157R97 D132ML4 |
| 4.3 | 18600 | 333 | 111900 | 0.95 | KF 157R97 D132ML4 |
| 4.9 | 16300 | 291 | 113000 | 1.10 | KA 157R97 D132ML4 |
| | | | | | KAF 157R97 D132ML4 |
| 5.7 | 14200 | 253 | 77500 | 0.90 | K 127R87 D132ML4 |
| 6.8 | 11900 | 213 | 79800 | 1.10 | KF 127R87 D132ML4 |
| 7.2 | 11200 | 200 | 80100 | 1.05 | KA 127R87 D132ML4 |
| 8.7 | 9320 | 166 | 81000 | 1.30 | KAF 127R87 D132ML4 |
| 9.8 | 8230 | 147 | 81400 | 1.45 | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **9.2kW** | | | | | |
| 11 | 8310 | 136.14 | 81300 | 1.55 | K 127 D132ML4 |
| 12 | 7470 | 122.48 | 81600 | 1.75 | KF 127 D132ML4 |
| 13 | 6720 | 110.18 | 8190 | 1.95 | KA 127 D132ML4 |
| 16 | 5480 | 89.89 | 82200 | 2.4 | KAF 127 D132ML4 |
| 18 | 5000 | 81.98 | 82300 | 2.6 | |
| 13 | 6860 | 112.41 | 62400 | 1.15 | K 107 D132ML4 |
| 14 | 6150 | 100.75 | 61800 | 1.30 | KF 107 D132ML4 |
| 16 | 5550 | 90.96 | 61100 | 1.45 | KA 107 D132ML4 |
| | | | | | KAF 107 D132ML4 |
| 17 | 5040 | 82.61 | 60400 | 1.60 | |
| 20 | 4470 | 73.30 | 59400 | 1.80 | K 107 D132ML4 |
| 22 | 4060 | 66.52 | 58600 | 1.95 | KF 107 D132ML4 |
| 25 | 3490 | 57.17 | 57100 | 2.3 | KA 107 D132ML4 |
| 29 | 3040 | 49.90 | 55700 | 2.6 | KAF 107 D132ML4 |
| 34 | 2580 | 42.33 | 54000 | 2.8 | |
| 18 | 4750 | 77.89 | 35100 | 0.90 | K 97 D132ML4 |
| 20 | 4300 | 70.54 | 35100 | 1.00 | KF 97 D132ML4 |
| 23 | 3820 | 62.55 | 35100 | 1.15 | KA 97 D132ML4 |
| 25 | 3450 | 56.55 | 34900 | 1.25 | KAF 97 D132ML4 |
| 30 | 2920 | 47.93 | 34400 | 1.45 | |
| 34 | 2550 | 41.87 | 34000 | 1.70 | |
| 38 | 2340 | 38.30 | 33600 | 1.85 | K 97 D132ML4 |
| 42 | 2090 | 34.23 | 33100 | 2.1 | KF 97 D132ML4 |
| 47 | 1880 | 30.82 | 32500 | 2.3 | KA 97 D132ML4 |
| 52 | 1700 | 27.91 | 32000 | 2.5 | KAF 97 D132ML4 |
| 58 | 1510 | 24.75 | 31300 | 2.8 | |
| 29 | 3000 | 49.16 | 22000 | 0.90 | K 87 D132ML4 |
| 33 | 2690 | 44.02 | 22200 | 0.95 | KF 87 D132ML4 |
| 39 | 2230 | 36.52 | 22200 | 1.10 | KA 87 D132ML4 |
| 46 | 1910 | 31.39 | 22100 | 1.40 | KAF 87 D132ML4 |
| 52 | 1700 | 27.88 | 21900 | 1.55 | |
| 58 | 1520 | 24.92 | 21700 | 1.65 | |
| 64 | 1370 | 22.41 | 21400 | 1.70 | |
| 74 | 1190 | 19.45 | 21000 | 1.95 | K 87 D132ML4 |
| 83 | 1060 | 17.42 | 20700 | 2.1 | KF 87 D132ML4 |
| 90 | 980 | 16.00 | 19700 | 1.85 | KA 87 D132ML4 |
| 100 | 880 | 14.45 | 20000 | 2.4 | KAF 87 D132ML4 |
| 115 | 765 | 12.56 | 19500 | 2.6 | |
| 129 | 680 | 11.17 | 18600 | 2.2 | |
| 144 | 610 | 10.00 | 18200 | 2.5 | |
| 62 | 1410 | 23.08 | 16300 | 1.10 | K 77 D132ML4 |
| 71 | 1240 | 20.25 | 17300 | 1.20 | KF 77 D132ML4 |
| 81 | 1090 | 17.87 | 17600 | 1.35 | KA 77 D132ML4 |
| 91 | 970 | 15.84 | 17400 | 1.45 | KAF 77 D132ML4 |
| 107 | 820 | 13.52 | 17000 | 1.60 | |
| 117 | 755 | 12.36 | 16300 | 1.35 | K 77 D132ML4 |
| 133 | 660 | 10.84 | 16000 | 1.50 | KF 77 D132ML4 |
| 151 | 585 | 9.56 | 15700 | 1.60 | KA 77 D132ML4 |
| 170 | 515 | 8.48 | 15400 | 1.70 | KAF 77 D132ML4 |
| 199 | 440 | 7.24 | 14900 | 1.85 | |
| **11.0kW** | | | | | |
| 1.7 | 55900 | 835 | 179700 | 0.90 | |
| 2.0 | 48800 | 729 | 190000 | 1.05 | |
| 2.3 | 41600 | 622 | 190000 | 1.20 | K 187R107 D160M4 |
| 2.8 | 34800 | 520 | 190000 | 1.45 | |
| 3.2 | 30400 | 454 | 190000 | 1.65 | |
| 4.1 | 23800 | 355 | 190000 | 2.1 | |
| 2.0 | 49600 | 738 | 190000 | 1.00 | |
| 2.3 | 41700 | 621 | 190000 | 1.20 | K 187R97 D160M4 |
| 2.7 | 35300 | 527 | 190000 | 1.40 | |
| 4.5 | 21300 | 318 | 150000 | 1.50 | |
| 5.2 | 18600 | 278 | 150000 | 1.70 | |
| 5.9 | 16300 | 244 | 150000 | 1.95 | K 167R107 D160M4 |
| 6.8 | 14200 | 213 | 150000 | 2.2 | |
| 7.0 | 13700 | 206 | 150000 | 2.3 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **11.0kW** | | | | | |
| 2.6 | 37500 | 561 | 150000 | 0.85 | |
| 3.0 | 32300 | 481 | 150000 | 1.00 | K 167 R97 D160M4 |
| 3.4 | 28300 | 423 | 150000 | 1.15 | |
| 3.9 | 24700 | 369 | 150000 | 1.30 | |
| | | | | | K 157 R97 D160M4 |
| 4.3 | 22300 | 333 | 109700 | 0.80 | KF 157 R97 D160M4 |
| 4.9 | 19500 | 291 | 111400 | 0.90 | KA 157 R97 D160M4 |
| | | | | | KAF 157 R97 D160M4 |
| 6.8 | 14300 | 213 | 77400 | 0.90 | K 127 R87 D160M4 |
| 7.2 | 13500 | 200 | 78900 | 0.90 | KF 127 R87 D160M4 |
| 8.7 | 11200 | 166 | 80100 | 1.10 | KA 127 R87 D160M4 |
| 9.8 | 9850 | 147 | 80700 | 1.20 | KAF 127 R87 D160M4 |
| 5.3 | 19700 | 134.99 | 150000 | 1.60 | K 167 D180L8 |
| 6.6 | 16000 | 109.83 | 150000 | 2.0 | |
| 5.8 | 18000 | 164.50 | 150000 | 1.80 | K 167 D160L6 |
| 7.1 | 14800 | 134.99 | 150000 | 2.2 | |
| 8.8 | 12000 | 164.50 | 150000 | 2.7 | K 167 D160M4 |
| 11 | 9850 | 134.99 | 150000 | 3.2 | |
| 5.9 | 17900 | 122.39 | 112300 | 1.00 | K 157 D180L8 |
| 7.2 | 14600 | 100.22 | 113700 | 1.25 | KF 157 D180L8 |
| 7.9 | 13400 | 91.65 | 114200 | 1.35 | KA 157 D180L8 |
| 9.0 | 11600 | 79.75 | 114800 | 1.55 | KAF 157 D180L8 |
| 6.4 | 16500 | 150.41 | 112900 | 1.10 | K 157 D160L6 |
| 7.8 | 13400 | 122.39 | 114200 | 1.35 | KF 157 D160L6 |
| 9.6 | 11000 | 100.22 | 115000 | 1.65 | KA 157 D160L6 |
| 10 | 10000 | 91.65 | 115300 | 1.80 | KAF 157 D160L6 |
| 12 | 8730 | 79.75 | 115600 | 2.1 | |
| 9.6 | 11000 | 150.41 | 115000 | 1.65 | K 157 D160M4 |
| 12 | 8930 | 122.39 | 115600 | 2.0 | KF 157 D160M4 |
| 14 | 7310 | 100.22 | 115900 | 2.5 | KA 157 D160M4 |
| 16 | 6690 | 91.65 | 116000 | 2.7 | KAF 157 D160M4 |
| 11 | 9930 | 136.14 | 80700 | 1.30 | |
| 12 | 8930 | 122.48 | 81100 | 1.45 | K 127 D160M4 |
| 13 | 8040 | 110.18 | 81400 | 1.60 | KF 127 D160M4 |
| 16 | 6560 | 89.89 | 81900 | 2.0 | KA 127 D160M4 |
| 18 | 5980 | 81.98 | 82100 | 2.2 | KAF 127 D160M4 |
| 20 | 5180 | 70.95 | 82300 | 2.5 | |
| 13 | 8200 | 112.41 | 58400 | 1.00 | K 107 D160M4 |
| 14 | 7350 | 100.75 | 58300 | 1.10 | KF 107 D160M4 |
| 16 | 6630 | 90.96 | 58000 | 1.20 | KA 107 D160M4 |
| 17 | 6030 | 82.61 | 57500 | 1.35 | KAF 107 D160M4 |
| 20 | 5350 | 73.30 | 56900 | 1.50 | |
| 22 | 4850 | 66.52 | 56200 | 1.65 | K 107 D160M4 |
| 25 | 4170 | 57.17 | 55100 | 1.90 | KF 107 D160M4 |
| 29 | 3640 | 49.90 | 54000 | 2.2 | KA 107 D160M4 |
| 34 | 3090 | 42.33 | 52500 | 2.4 | KAF 107 D160M4 |
| 39 | 2700 | 37.00 | 51200 | 2.7 | |
| 20 | 5150 | 70.54 | 32200 | 0.85 | K 97 D160M4 |
| 23 | 4560 | 62.55 | 32500 | 0.95 | KF 97 D160M4 |
| 25 | 4130 | 56.55 | 32500 | 1.05 | KA 97 D160M4 |
| 30 | 3500 | 47.93 | 32500 | 1.25 | KAF 97 D160M4 |
| 34 | 3050 | 41.87 | 32200 | 1.40 | |
| 38 | 2790 | 38.30 | 32000 | 1.55 | K 97 D160M4 |
| 42 | 2500 | 34.23 | 31600 | 1.70 | KF 97 D160M4 |
| 47 | 2250 | 30.82 | 31300 | 1.90 | KA 97 D160M4 |
| 52 | 2040 | 27.91 | 30800 | 2.1 | KAF 97 D160M4 |
| 58 | 1800 | 24.75 | 30300 | 2.4 | |
| 64 | 1630 | 22.37 | 29800 | 2.6 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **11.0kW** | | | | | | | |
| 33 | 3210 | 44.02 | 20000 | 0.80 | K | 87 | D160M4 |
| 39 | 2660 | 36.52 | 20400 | 0.95 | KF | 87 | D160M4 |
| 46 | 2290 | 31.39 | 20600 | 1.20 | KA | 87 | D160M4 |
| 52 | 2030 | 27.88 | 20600 | 1.30 | KAF | 87 | D160M4 |
| 58 | 1820 | 24.92 | 20500 | 1.40 | | | |
| 64 | 1630 | 22.41 | 20300 | 1.40 | | | |
| 74 | 1420 | 19.45 | 20100 | 1.60 | | | |
| 83 | 1270 | 17.42 | 19800 | 1.75 | | | |
| 90 | 1170 | 16.00 | 18800 | 1.55 | K | 87 | D160M4 |
| 100 | 1050 | 14.45 | 19400 | 2.0 | KF | 87 | D160M4 |
| 115 | 920 | 12.56 | 18900 | 2.2 | KA | 87 | D160M4 |
| 129 | 810 | 11.17 | 18000 | 1.85 | KAF | 87 | D160M4 |
| 144 | 730 | 10.00 | 17700 | 2.1 | | | |
| 174 | 605 | 8.29 | 17100 | 2.3 | | | |
| 200 | 525 | 7.21 | 16700 | 2.5 | | | |
| 62 | 1680 | 23.08 | 14400 | 0.90 | | | |
| 71 | 1480 | 20.25 | 15900 | 1.00 | | | |
| 81 | 1300 | 17.87 | 16600 | 1.10 | | | |
| 91 | 1160 | 15.84 | 16500 | 1.20 | K | 77 | D160M4 |
| 107 | 990 | 13.52 | 16300 | 1.35 | KF | 77 | D160M4 |
| 117 | 900 | 12.36 | 15500 | 1.10 | KA | 77 | D160M4 |
| 133 | 790 | 10.84 | 15300 | 1.25 | KAF | 77 | D160M4 |
| 151 | 700 | 9.56 | 15100 | 1.35 | | | |
| 170 | 620 | 8.48 | 14800 | 1.45 | | | |
| 199 | 530 | 7.24 | 14500 | 1.55 | | | |
| **15.0kW** | | | | | | | |
| 2.3 | 56100 | 622 | 179400 | 0.90 | | | |
| 2.8 | 47000 | 520 | 190000 | 1.05 | | | |
| 3.2 | 41000 | 454 | 190000 | 1.20 | K | 187 R107 | D160L4 |
| 4.1 | 32100 | 355 | 190000 | 1.55 | | | |
| 5.6 | 23600 | 261 | 190000 | 2.1 | | | |
| 4.6 | 28700 | 318 | 150000 | 1.10 | | | |
| 5.3 | 25000 | 278 | 150000 | 1.30 | | | |
| 6.0 | 22000 | 244 | 150000 | 1.45 | | | |
| 6.8 | 19200 | 213 | 150000 | 1.65 | K | 167 R107 | D160L4 |
| 7.1 | 18500 | 206 | 150000 | 1.75 | | | |
| 8.1 | 16200 | 180 | 150000 | 1.95 | | | |
| 9.1 | 14400 | 160 | 150000 | 2.2 | | | |
| 6.3 | 20700 | 230 | 110700 | 0.85 | | | |
| 6.9 | 19200 | 213 | 116000 | 0.95 | K | 157 R107 | D160L4 |
| 7.8 | 16800 | 187 | 112800 | 1.05 | KF | 157 R107 | D160L4 |
| 9.3 | 14200 | 157 | 113900 | 1.25 | KA | 157 R107 | D160L4 |
| 12 | 11000 | 122 | 115000 | 1.65 | KAF | 157 R107 | D160L4 |
| 14 | 9630 | 107 | 115400 | 1.85 | | | |
| 5.4 | 26600 | 179.86 | 190000 | 1.90 | | | |
| 5.9 | 24400 | 165.21 | 190000 | 2.0 | K | 187 | D180L6 |
| 7.2 | 19900 | 134.99 | 150000 | 1.60 | | | |
| 8.8 | 16200 | 109.83 | 150000 | 1.95 | K | 167 | D180L6 |
| 8.9 | 16100 | 164.50 | 150000 | 2.0 | | | |
| 11 | 13200 | 134.99 | 150000 | 2.4 | K | 167 | D160L4 |
| 7.9 | 18100 | 122.39 | 112200 | 1.00 | K | 157 | D180L6 |
| 9.7 | 14800 | 100.22 | 113700 | 1.20 | KF | 157 | D180L6 |
| 11 | 13500 | 91.65 | 114100 | 1.35 | KA | 157 | D180L6 |
| 12 | 11800 | 79.75 | 114800 | 1.55 | KAF | 157 | D180L6 |
| 14 | 10400 | 70.38 | 115200 | 1.75 | | | |
| 9.7 | 14800 | 150.41 | 113700 | 1.20 | K | 157 | D160L4 |
| 12 | 12000 | 122.39 | 114700 | 1.50 | KF | 157 | D160L4 |
| 15 | 9830 | 100.22 | 114200 | 1.85 | KA | 157 | D160L4 |
| 16 | 8990 | 91.65 | 112500 | 2.0 | KAF | 157 | D160L4 |
| 18 | 7820 | 79.75 | 109600 | 2.3 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **15.0kW** | | | | | | | |
| 11 | 13400 | 136.14 | 79000 | 0.95 | K | 127 | D160L4 |
| 12 | 12000 | 122.48 | 79700 | 1.10 | KF | 127 | D160L4 |
| 13 | 10800 | 110.18 | 80300 | 1.20 | KA | 127 | D160L4 |
| 16 | 8820 | 89.89 | 81200 | 1.45 | KAF | 127 | D160L4 |
| 18 | 8040 | 81.98 | 81400 | 1.60 | K | 127 | D160L4 |
| 21 | 6960 | 70.95 | 81600 | 1.85 | KF | 127 | D160L4 |
| 23 | 6140 | 62.60 | 80000 | 2.1 | KA | 127 | D160L4 |
| 27 | 5300 | 54.07 | 78000 | 2.5 | KAF | 127 | D160L4 |
| 31 | 4690 | 47.82 | 76200 | 2.8 | | | |
| 16 | 8920 | 90.96 | 50900 | 0.90 | K | 107 | D160L4 |
| 18 | 8110 | 82.61 | 51100 | 1.00 | KF | 107 | D160L4 |
| 20 | 7190 | 73.30 | 51200 | 1.10 | KA | 107 | D160L4 |
| 22 | 6530 | 66.52 | 51000 | 1.25 | KAF | 107 | D160L4 |
| 26 | 5610 | 57.17 | 50600 | 1.45 | | | |
| 29 | 4900 | 49.90 | 50000 | 1.60 | K | 107 | D160L4 |
| 34 | 4150 | 42.33 | 49100 | 1.75 | KF | 107 | D160L4 |
| 39 | 3630 | 37.00 | 48200 | 2.0 | KA | 107 | D160L4 |
| 45 | 3210 | 32.69 | 47300 | 2.2 | KAF | 107 | D160L4 |
| 47 | 3070 | 31.28 | 47000 | 2.2 | | | |
| 50 | 2840 | 29.00 | 46400 | 2.5 | | | |
| 30 | 4700 | 47.93 | 28100 | 0.90 | K | 97 | D160L4 |
| 35 | 4110 | 41.87 | 28400 | 1.05 | KF | 97 | D160L4 |
| 38 | 3760 | 38.30 | 28500 | 1.15 | KA | 97 | D160L4 |
| 43 | 3360 | 34.23 | 28500 | 1.30 | KAF | 97 | D160L4 |
| 47 | 3020 | 30.82 | 28400 | 1.40 | | | |
| 52 | 2740 | 27.91 | 28300 | 1.55 | K | 97 | D160L4 |
| 59 | 2430 | 24.75 | 28000 | 1.75 | KF | 97 | D160L4 |
| 65 | 2190 | 22.37 | 27700 | 1.95 | KA | 97 | D160L4 |
| 77 | 1860 | 18.96 | 27200 | 2.3 | KAF | 97 | D160L4 |
| 88 | 1620 | 16.56 | 26600 | 2.7 | | | |
| 47 | 3080 | 31.39 | 17300 | 0.90 | | | |
| 52 | 2730 | 27.88 | 17600 | 0.95 | K | 87 | D160L4 |
| 59 | 2440 | 24.92 | 17800 | 1.00 | KF | 87 | D160L4 |
| 65 | 2200 | 22.41 | 18000 | 1.05 | KA | 87 | D160L4 |
| 75 | 1910 | 19.45 | 18000 | 1.20 | KAF | 87 | D160L4 |
| 84 | 1710 | 17.42 | 18000 | 1.30 | | | |
| 91 | 1570 | 16.00 | 16800 | 1.15 | | | |
| 101 | 1420 | 14.45 | 17800 | 1.50 | K | 87 | D160L4 |
| 116 | 1230 | 12.56 | 17600 | 1.60 | KF | 87 | D160L4 |
| 131 | 1100 | 11.17 | 16600 | 1.35 | KA | 87 | D160L4 |
| 146 | 980 | 10.00 | 16400 | 1.55 | KAF | 87 | D160L4 |
| 176 | 810 | 8.29 | 16000 | 1.70 | | | |
| 202 | 705 | 7.21 | 15700 | 1.85 | | | |
| **18.5kW** | | | | | | | |
| 2.8 | 57800 | 520 | 176300 | 0.85 | | | |
| 3.2 | 50400 | 454 | 189200 | 1.00 | | | |
| 4.1 | 39500 | 355 | 190000 | 1.25 | K | 187R107 | D180M4 |
| 5.6 | 29000 | 261 | 190000 | 1.70 | | | |
| 6.6 | 24600 | 221 | 190000 | 2.0 | | | |
| 4.6 | 35300 | 318 | 150000 | 0.90 | | | |
| 5.3 | 30800 | 278 | 150000 | 1.05 | | | |
| 6.0 | 27100 | 244 | 150000 | 1.20 | | | |
| 6.9 | 23600 | 213 | 150000 | 1.35 | | | |
| 7.1 | 22800 | 206 | 150000 | 1.40 | K | 167R107 | D180M4 |
| 8.1 | 20000 | 180 | 150000 | 1.60 | | | |
| 9.2 | 17700 | 160 | 150000 | 1.80 | | | |
| 11 | 15000 | 135 | 150000 | 2.1 | | | |
| 12 | 13100 | 118 | 150000 | 2.4 | | | |
| 7.8 | 20700 | 187 | 110700 | 0.85 | K | 157R107 | D180M4 |
| 9.3 | 17400 | 157 | 112500 | 1.05 | KF | 157R107 | D180M4 |
| 12 | 13600 | 122 | 114100 | 1.35 | KA | 157R107 | D180M4 |
| 14 | 11900 | 107 | 112300 | 1.50 | KAF | 157R107 | D180M4 |
| 5.4 | 32800 | 179.86 | 190000 | 1.55 | | | |
| 5.9 | 30100 | 165.21 | 190000 | 1.65 | K | 187 | D200LS6 |
| 6.7 | 26300 | 144.59 | 190000 | 1.90 | | | |
| 7.5 | 23600 | 129.69 | 190000 | 2.1 | | | |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **18.5kW** | | | | | | | |
| 8.1 | 21700 | 179.86 | 190000 | 2.3 | | | |
| 8.9 | 19900 | 165.21 | 190000 | 2.5 | K | 187 D180M4 | |
| 10 | 17400 | 144.59 | 190000 | 2.9 | | | |
| 11 | 15600 | 129.69 | 190000 | 3.2 | | | |
| 11 | 16300 | 134.99 | 150000 | 1.95 | | | |
| 13 | 13200 | 109.83 | 150000 | 2.4 | K | 167 D180M4 | |
| 17 | 10600 | 87.86 | 150000 | 3.0 | | | |
| 9.7 | 18300 | 100.22 | 112100 | 1.00 | K | 157 D200LS6 | |
| 11 | 16700 | 91.65 | 112800 | 1.10 | KF | 157 D200LS6 | |
| 12 | 14500 | 79.75 | 111500 | 1.25 | KA | 157 D200LS6 | |
| 14 | 12800 | 70.38 | 109900 | 1.40 | KAF | 157 D200LS6 | |
| 12 | 14800 | 122.39 | 111600 | 1.20 | | | |
| 15 | 12100 | 100.22 | 109100 | 1.50 | | | |
| 16 | 11100 | 91.65 | 107800 | 1.65 | K | 157 D180M4 | |
| 18 | 9620 | 79.75 | 105600 | 1.85 | KF | 157 D180M4 | |
| 21 | 8490 | 70.38 | 103400 | 2.1 | KA | 157 D180M4 | |
| 24 | 7360 | 61.02 | 100700 | 2.5 | KAF | 157 D180M4 | |
| 27 | 6550 | 54.29 | 98500 | 2.8 | | | |
| 31 | 5640 | 46.79 | 95500 | 3.2 | | | |
| 39 | 4580 | 38.02 | 91300 | 3.9 | | | |
| 13 | 13300 | 110.18 | 79000 | 1.00 | K | 127 D180M4 | |
| 16 | 10800 | 89.89 | 79000 | 1.20 | KF | 127 D180M4 | |
| 18 | 9890 | 81.98 | 78500 | 1.30 | KA | 127 D180M4 | |
| 21 | 8560 | 70.95 | 77500 | 1.50 | KAF | 127 D180M4 | |
| 23 | 7550 | 62.60 | 76400 | 1.70 | | | |
| 27 | 6520 | 54.07 | 74800 | 2.0 | K | 127 D180M4 | |
| 31 | 5770 | 47.82 | 73400 | 2.2 | KF | 127 D180M4 | |
| 36 | 4850 | 40.19 | 71300 | 2.7 | KA | 127 D180M4 | |
| 40 | 4370 | 36.25 | 69900 | 3.0 | KAF | 127 D180M4 | |
| 47 | 3780 | 31.37 | 68000 | 3.4 | | | |
| 53 | 3340 | 27.68 | 66200 | 3.9 | | | |
| 20 | 8840 | 73.30 | 46300 | 0.90 | K | 107 D180M4 | |
| 22 | 8020 | 66.52 | 46600 | 1.00 | KF | 107 D180M4 | |
| 26 | 6890 | 57.17 | 46800 | 1.15 | KA | 107 D180M4 | |
| 29 | 6020 | 49.90 | 46700 | 1.30 | KAF | 107 D180M4 | |
| 35 | 5100 | 42.33 | 46300 | 1.45 | | | |
| 40 | 4460 | 37.00 | 45700 | 1.60 | | | |
| 45 | 3940 | 32.69 | 45100 | 1.85 | | | |
| 47 | 3770 | 31.28 | 44900 | 1.80 | K | 107 D180M4 | |
| 51 | 3500 | 29.00 | 44400 | 2.1 | KF | 107 D180M4 | |
| 56 | 3170 | 26.32 | 43800 | 2.3 | KA | 107 D180M4 | |
| 65 | 2730 | 22.62 | 42700 | 2.6 | KAF | 107 D180M4 | |
| 74 | 2380 | 19.74 | 41700 | 3.0 | | | |
| 88 | 2020 | 16.75 | 40400 | 3.5 | | | |
| 35 | 5050 | 41.87 | 25100 | 0.85 | K | 97 D180M4 | |
| 48 | 3720 | 30.82 | 26000 | 1.15 | KF | 97 D180M4 | |
| 53 | 3360 | 27.91 | 26000 | 1.30 | KA | 97 D180M4 | |
| 59 | 2980 | 24.75 | 26000 | 1.45 | KAF | 97 D180M4 | |
| 65 | 2700 | 22.37 | 25900 | 1.60 | | | |
| 77 | 2290 | 18.96 | 25700 | 1.90 | K | 97 D180M4 | |
| 88 | 2000 | 16.56 | 25300 | 2.2 | KF | 97 D180M4 | |
| 106 | 1670 | 13.85 | 24800 | 2.6 | KA | 97 D180M4 | |
| 122 | 1450 | 11.99 | 24300 | 2.7 | KAF | 97 D180M4 | |
| 59 | 3000 | 24.92 | 15600 | 0.85 | | | |
| 65 | 2700 | 22.41 | 15900 | 0.85 | | | |
| 75 | 2340 | 19.45 | 16200 | 1.00 | | | |
| 84 | 2100 | 17.42 | 16400 | 1.05 | K | 87 D180M4 | |
| 101 | 1740 | 14.45 | 16500 | 1.20 | KF | 87 D180M4 | |
| 117 | 1510 | 12.56 | 16400 | 1.30 | KA | 87 D180M4 | |
| 131 | 1350 | 11.17 | 15400 | 1.10 | KAF | 87 D180M4 | |
| 147 | 1210 | 10.00 | 15300 | 1.25 | | | |
| 177 | 1000 | 8.29 | 15100 | 1.40 | | | |
| 203 | 870 | 7.21 | 14900 | 1.50 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model | |
|---|---|---|---|---|---|---|---|
| **22kW** | | | | | | | |
| 3.2 | 60000 | 454 | 172300 | 0.85 | | | |
| 4.1 | 47000 | 355 | 190000 | 1.05 | | | |
| 5.6 | 34500 | 261 | 190000 | 1.45 | K | 187 R107 | D180L4 |
| 6.6 | 29300 | 221 | 190000 | 1.70 | | | |
| 7.6 | 25600 | 193 | 190000 | 1.95 | | | |
| 8.9 | 21600 | 163 | 190000 | 2.3 | | | |
| 5.3 | 36700 | 278 | 150000 | 0.85 | | | |
| 6.0 | 32200 | 244 | 150000 | 1.00 | | | |
| 6.9 | 28200 | 213 | 150000 | 1.15 | | | |
| 7.1 | 27200 | 206 | 150000 | 1.20 | K | 167 R107 | D180L4 |
| 8.1 | 23800 | 180 | 150000 | 1.35 | | | |
| 9.2 | 21100 | 160 | 150000 | 1.50 | | | |
| 11 | 17900 | 135 | 150000 | 1.80 | | | |
| 12 | 15600 | 118 | 150000 | 2.0 | | | |
| 9.3 | 20800 | 157 | 109800 | 0.85 | K | 157 R107 | D180L4 |
| 12 | 16200 | 122 | 108600 | 1.10 | KF | 157 R107 | D180L4 |
| 14 | 14100 | 107 | 107300 | 1.25 | KA | 157 R107 | D180L4 |
| | | | | | KAF | 157 R107 | D180L4 |
| 5.4 | 39000 | 179.86 | 190000 | 1.30 | | | |
| 5.9 | 35800 | 165.21 | 190000 | 1.40 | | | |
| 6.7 | 31300 | 144.59 | 190000 | 1.60 | K | 187 | D200L6 |
| 7.5 | 28100 | 129.69 | 190000 | 1.80 | | | |
| 8.6 | 24400 | 112.60 | 190000 | 2.0 | | | |
| 8.1 | 25800 | 179.86 | 190000 | 1.95 | | | |
| 8.9 | 23700 | 165.21 | 190000 | 2.1 | K | 187 | D180L4 |
| 10 | 20700 | 144.59 | 190000 | 2.4 | | | |
| 11 | 18600 | 129.69 | 190000 | 2.7 | | | |
| 11 | 19400 | 134.99 | 150000 | 1.65 | | | |
| 13 | 15700 | 109.83 | 150000 | 2.0 | K | 167 | D180L4 |
| 17 | 12600 | 87.86 | 150000 | 2.5 | | | |
| 19 | 11200 | 78.14 | 150000 | 2.9 | | | |
| 9.7 | 21700 | 100.22 | 105900 | 0.85 | K | 157 | D200L6 |
| 11 | 19900 | 91.65 | 105900 | 0.90 | KF | 157 | D200L6 |
| 12 | 17300 | 79.75 | 105500 | 1.05 | KA | 157 | D200L6 |
| 14 | 15200 | 70.38 | 104600 | 1.20 | KAF | 157 | D200L6 |
| 16 | 13200 | 61.02 | 103300 | 1.35 | | | |
| 12 | 17600 | 122.39 | 105500 | 1.05 | | | |
| 15 | 14400 | 100.22 | 104100 | 1.25 | | | |
| 16 | 13100 | 91.65 | 103200 | 1.35 | K | 157 | D180L4 |
| 18 | 11400 | 79.75 | 101600 | 1.55 | KF | 157 | D180L4 |
| 21 | 10100 | 70.38 | 99800 | 1.80 | KA | 157 | D180L4 |
| 24 | 8750 | 61.02 | 97700 | 2.1 | KAF | 157 | D180L4 |
| 27 | 7790 | 54.29 | 95800 | 2.3 | | | |
| 31 | 6710 | 46.79 | 93200 | 2.7 | | | |
| 39 | 5450 | 38.02 | 89400 | 3.3 | | | |
| 16 | 12900 | 89.89 | 73900 | 1.00 | K | 127 | D180L4 |
| 18 | 11800 | 81.98 | 73800 | 1.10 | KF | 127 | D180L4 |
| 21 | 10200 | 70.95 | 73400 | 1.30 | KA | 127 | D180L4 |
| 23 | 8980 | 62.60 | 72800 | 1.45 | KAF | 127 | D180L4 |
| 27 | 7750 | 54.07 | 71700 | 1.70 | | | |
| 31 | 6860 | 47.82 | 70700 | 1.90 | | | |
| 36 | 5760 | 40.19 | 69000 | 2.3 | K | 127 | D180L4 |
| 40 | 5200 | 36.25 | 67800 | 2.5 | KF | 127 | D180L4 |
| 47 | 4500 | 31.37 | 66200 | 2.9 | KA | 127 | D180L4 |
| 53 | 3970 | 27.68 | 64600 | 3.3 | KAF | 127 | D180L4 |
| 61 | 3430 | 23.91 | 62800 | 3.8 | | | |
| 69 | 3030 | 21.15 | 61200 | 4.3 | | | |
| 26 | 8200 | 57.17 | 43000 | 1.00 | K | 107 | D180L4 |
| 29 | 7160 | 49.90 | 43300 | 1.10 | KF | 107 | D180L4 |
| 35 | 6070 | 42.33 | 43400 | 1.20 | KA | 107 | D180L4 |
| | | | | | KAF | 107 | D180L4 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **22kW** | | | | | | | |
| 40 | 5310 | 37.00 | 43200 | 1.35 | | | |
| 45 | 4690 | 32.69 | 42900 | 1.55 | | | |
| 47 | 4490 | 31.28 | 42800 | 1.50 | | | |
| 51 | 4160 | 29.00 | 42500 | 1.75 | | | |
| 56 | 3770 | 26.32 | 42000 | 1.90 | K | 107 | D180L4 |
| 65 | 3240 | 22.62 | 41200 | 2.2 | KF | 107 | D180L4 |
| 74 | 2830 | 19.74 | 40400 | 2.5 | KA | 107 | D180L4 |
| 88 | 2400 | 16.75 | 39300 | 2.9 | KAF | 107 | D180L4 |
| 100 | 2100 | 14.64 | 38400 | 3.3 | | | |
| 109 | 1930 | 13.43 | 36800 | 2.2 | | | |
| 125 | 1680 | 11.73 | 35900 | 2.6 | | | |
| 147 | 1430 | 9.94 | 34800 | 2.9 | | | |
| 48 | 4420 | 30.82 | 23500 | 0.95 | K | 97 | D180L4 |
| 53 | 4000 | 27.91 | 23800 | 1.05 | KF | 97 | D180L4 |
| 59 | 3550 | 24.75 | 24100 | 1.20 | KA | 97 | D180L4 |
| 65 | 3210 | 22.37 | 24200 | 1.35 | KAF | 97 | D180L4 |
| 77 | 2720 | 18.96 | 24100 | 1.60 | | | |
| 88 | 2370 | 16.56 | 24000 | 1.80 | K | 97 | D180L4 |
| 106 | 1990 | 13.85 | 23700 | 2.2 | KF | 97 | D180L4 |
| 122 | 1720 | 11.99 | 23300 | 2.3 | KA | 97 | D180L4 |
| 141 | 1490 | 10.41 | 21800 | 1.90 | KAF | 97 | D180L4 |
| 168 | 1250 | 8.71 | 21300 | 2.1 | | | |
| 75 | 2790 | 19.45 | 14400 | 0.80 | | | |
| 84 | 2500 | 17.42 | 14800 | 0.90 | | | |
| 101 | 2070 | 14.45 | 15100 | 1.00 | K | 87 | D180L4 |
| 117 | 1800 | 12.56 | 15300 | 1.10 | KF | 87 | D180L4 |
| 131 | 1600 | 11.17 | 14200 | 0.95 | KA | 87 | D180L4 |
| 147 | 1430 | 10.00 | 14200 | 1.05 | KAF | 87 | D180L4 |
| 177 | 1190 | 8.29 | 14300 | 1.20 | | | |
| 203 | 1030 | 7.21 | 14200 | 1.25 | | | |
| **30kW** | | | | | | | |
| 5.6 | 47000 | 261 | 190000 | 1.05 | | | |
| 6.6 | 39800 | 221 | 190000 | 1.25 | K | 187R107 | D200L4 |
| 7.6 | 34800 | 193 | 190000 | 1.45 | | | |
| 9.0 | 29400 | 163 | 190000 | 1.70 | | | |
| 6.9 | 38300 | 213 | 150000 | 0.85 | | | |
| 7.1 | 37000 | 206 | 150000 | 0.85 | | | |
| 8.1 | 32400 | 180 | 150000 | 1.00 | K | 167R107 | D200L4 |
| 9.2 | 28700 | 160 | 150000 | 1.10 | | | |
| 11 | 24400 | 135 | 150000 | 1.30 | | | |
| 12 | 21300 | 118 | 150000 | 1.50 | | | |
| 8.2 | 35100 | 179.86 | 190000 | 1.45 | | | |
| 8.9 | 32200 | 165.21 | 190000 | 1.55 | | | |
| 10 | 28200 | 144.59 | 190000 | 1.75 | | | |
| 11 | 25300 | 129.69 | 190000 | 2.0 | K | 187 | D200L4 |
| 13 | 21900 | 112.60 | 190000 | 2.3 | | | |
| 14 | 19900 | 102.16 | 190000 | 2.5 | | | |
| 17 | 17200 | 88.00 | 190000 | 2.9 | | | |
| 13 | 21400 | 109.83 | 150000 | 1.50 | | | |
| 17 | 17100 | 87.86 | 150000 | 1.85 | | | |
| 19 | 15200 | 78.14 | 150000 | 2.1 | K | 167 | D200L4 |
| 22 | 13300 | 68.07 | 150000 | 2.4 | | | |
| 24 | 11800 | 60.74 | 150000 | 2.7 | | | |
| 15 | 19500 | 100.22 | 92700 | 0.90 | | | |
| 16 | 17900 | 91.65 | 92800 | 1.00 | | | |
| 18 | 15500 | 79.75 | 92400 | 1.15 | K | 157 | D200L4 |
| 21 | 13700 | 70.38 | 91800 | 1.30 | KF | 157 | D200L4 |
| 24 | 11900 | 61.02 | 90700 | 1.50 | KA | 157 | D200L4 |
| 27 | 10600 | 54.29 | 89500 | 1.70 | KAF | 157 | D200L4 |
| 31 | 9120 | 46.79 | 87800 | 1.95 | | | |
| 39 | 7410 | 38.02 | 85100 | 2.4 | | | |
| 47 | 6100 | 31.30 | 82200 | 3.0 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **30kW** | | | | | | | |
| 21 | 13800 | 70.95 | 64200 | 0.95 | | | |
| 23 | 12200 | 62.60 | 64600 | 1.05 | | | |
| 27 | 10500 | 54.07 | 64700 | 1.25 | K | 127 | D200L4 |
| 31 | 9320 | 47.82 | 64400 | 1.40 | KF | 127 | D200L4 |
| 37 | 7830 | 40.19 | 63700 | 1.65 | KA | 127 | D200L4 |
| 41 | 7060 | 36.25 | 63100 | 1.85 | KAF | 127 | D200L4 |
| 47 | 6110 | 31.37 | 62000 | 2.1 | | | |
| 53 | 5390 | 27.68 | 61000 | 2.4 | | | |
| 62 | 4660 | 23.91 | 59600 | 2.8 | | | |
| 35 | 8250 | 42.33 | 36100 | 0.90 | K | 107 | D200L4 |
| 40 | 7210 | 37.00 | 37600 | 1.00 | KF | 107 | D200L4 |
| 47 | 6100 | 31.28 | 38000 | 1.10 | KA | 107 | D200L4 |
| | | | | | KAF | 107 | D200L4 |
| 51 | 5650 | 29.00 | 38000 | 1.25 | | | |
| 56 | 5130 | 26.32 | 38000 | 1.40 | | | |
| 65 | 4410 | 22.62 | 37700 | 1.65 | | | |
| 74 | 3850 | 19.74 | 37400 | 1.85 | K | 107 | D200L4 |
| 88 | 3260 | 16.75 | 36700 | 2.2 | KF | 107 | D200L4 |
| 100 | 2850 | 14.64 | 36100 | 2.4 | KA | 107 | D200L4 |
| 109 | 2620 | 13.43 | 34400 | 1.65 | KAF | 107 | D200L4 |
| 125 | 2280 | 11.73 | 33800 | 1.90 | | | |
| 148 | 1940 | 9.94 | 33000 | 2.2 | | | |
| 169 | 1690 | 8.69 | 32200 | 2.4 | | | |
| 59 | 4820 | 24.75 | 19600 | 0.90 | | | |
| 66 | 4360 | 22.37 | 20100 | 1.00 | | | |
| 78 | 3690 | 18.96 | 20700 | 1.15 | K | 97 | D200L4 |
| 89 | 3230 | 16.56 | 21000 | 1.35 | KF | 97 | D200L4 |
| 106 | 2700 | 13.85 | 21200 | 1.60 | KA | 97 | D200L4 |
| 123 | 2340 | 11.99 | 21100 | 1.65 | KAF | 97 | D200L4 |
| 141 | 2030 | 10.41 | 19500 | 1.40 | | | |
| 169 | 1700 | 8.71 | 19400 | 1.55 | | | |
| **37kW** | | | | | | | |
| 5.6 | 58000 | 261 | 176000 | 0.85 | | | |
| 6.6 | 49200 | 221 | 190000 | 1.00 | K | 187R107 | D225S4 |
| 7.6 | 43000 | 193 | 190000 | 1.15 | | | |
| 9.0 | 36300 | 163 | 190000 | 1.40 | | | |
| 8.1 | 40000 | 180 | 150000 | 0.80 | | | |
| 9.2 | 35500 | 160 | 150000 | 0.90 | K | 167R107 | D225S4 |
| 11 | 30100 | 135 | 150000 | 1.05 | | | |
| 12 | 26300 | 118 | 150000 | 1.20 | | | |
| 8.2 | 43200 | 179.86 | 190000 | 1.15 | | | |
| 8.9 | 39700 | 165.21 | 190000 | 1.25 | | | |
| 10 | 34800 | 144.59 | 190000 | 1.45 | K | 187 | D225S4 |
| 11 | 31200 | 129.69 | 190000 | 1.60 | | | |
| 13 | 27100 | 112.60 | 190000 | 1.85 | | | |
| 14 | 24600 | 102.16 | 190000 | 2.0 | | | |
| 17 | 21200 | 88.00 | 190000 | 2.4 | | | |
| 13 | 26400 | 109.83 | 150000 | 1.20 | | | |
| 17 | 21100 | 87.86 | 150000 | 1.50 | | | |
| 19 | 18800 | 78.14 | 150000 | 1.70 | K | 167 | D225S4 |
| 22 | 16400 | 68.07 | 150000 | 1.95 | | | |
| 24 | 14600 | 60.74 | 150000 | 2.2 | | | |
| 28 | 12400 | 51.77 | 150000 | 2.6 | | | |
| | | | | | K | 157 | D225S4 |
| 16 | 22000 | 91.65 | 83600 | 0.80 | KF | 157 | D225S4 |
| 18 | 19200 | 79.75 | 84500 | 0.95 | KA | 157 | D225S4 |
| | | | | | KAF | 157 | D225S4 |
| 21 | 16900 | 70.38 | 84800 | 1.05 | | | |
| 24 | 14700 | 61.02 | 84600 | 1.25 | K | 157 | D225S4 |
| 27 | 13000 | 54.29 | 84100 | 1.40 | KF | 157 | D225S4 |
| 31 | 11200 | 46.79 | 83200 | 1.60 | KA | 157 | D225S4 |
| 39 | 9140 | 38.02 | 81300 | 1.95 | KAF | 157 | D225S4 |
| 47 | 7520 | 31.30 | 79100 | 2.4 | | | |
| 23 | 15000 | 62.60 | 57500 | 0.85 | K | 127 | D225S4 |
| 27 | 13000 | 54.07 | 58500 | 1.00 | KF | 127 | D225S4 |
| 31 | 11500 | 47.82 | 59000 | 1.15 | KA | 127 | D225S4 |
| 37 | 9660 | 40.19 | 59100 | 1.35 | KAF | 127 | D225S4 |



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **37kW** | | | | | | | |
| 41 | 8710 | 36.25 | 59000 | 1.50 | | | |
| 47 | 7540 | 31.37 | 58500 | 1.70 | | | |
| 53 | 6650 | 27.68 | 57800 | 1.95 | | | |
| 62 | 5740 | 23.91 | 56900 | 2.3 | K | 127 | D225S4 |
| 70 | 5080 | 21.15 | 56000 | 2.6 | KF | 127 | D225S4 |
| 83 | 4270 | 17.77 | 54500 | 3.0 | KA | 127 | D225S4 |
| 102 | 3450 | 14.35 | 52500 | 3.5 | KAF | 127 | D225S4 |
| 115 | 3070 | 12.79 | 50200 | 2.8 | | | |
| 137 | 2580 | 10.74 | 48600 | 3.1 | | | |
| 169 | 2090 | 8.68 | 46600 | 3.5 | | | |
| 40 | 8890 | 37.00 | 29000 | 0.80 | | | |
| 47 | 7520 | 31.28 | 33000 | 0.90 | | | |
| 51 | 6970 | 29.00 | 34200 | 1.05 | | | |
| 56 | 6320 | 26.32 | 34500 | 1.15 | K | 107 | D225S4 |
| 65 | 5440 | 22.62 | 34700 | 1.30 | KF | 107 | D225S4 |
| 74 | 4740 | 19.74 | 34700 | 1.50 | KA | 107 | D225S4 |
| 88 | 4020 | 16.75 | 34500 | 1.75 | KAF | 107 | D225S4 |
| 100 | 3520 | 14.64 | 34200 | 1.95 | | | |
| 109 | 3230 | 13.43 | 32300 | 1.35 | | | |
| 125 | 2820 | 11.73 | 32000 | 1.55 | | | |
| 148 | 2390 | 9.94 | 31400 | 1.75 | | | |
| 169 | 2090 | 8.69 | 30900 | 1.95 | | | |
| **45kW** | | | | | | | |
| 6.6 | 59800 | 221 | 172600 | 0.85 | | | |
| 7.6 | 52300 | 193 | 186100 | 1.95 | K | 187R107 | D225M4 |
| 9.0 | 44200 | 163 | 190000 | 1.15 | | | |
| 11 | 36600 | 135 | 150000 | 0.85 | K | 167R107 | D225M4 |
| 12 | 32000 | 118 | 150000 | 1.00 | | | |
| 8.2 | 52600 | 179.86 | 185500 | 0.95 | | | |
| 8.9 | 48300 | 165.21 | 190000 | 1.05 | | | |
| 10 | 42300 | 144.59 | 190000 | 1.20 | | | |
| 11 | 37900 | 129.69 | 190000 | 1.30 | K | 187 | D225M4 |
| 13 | 32900 | 112.60 | 190000 | 1.50 | | | |
| 14 | 29900 | 102.16 | 190000 | 1.65 | | | |
| 17 | 25700 | 88.00 | 190000 | 1.95 | | | |
| 20 | 21600 | 73.96 | 187700 | 2.3 | | | |
| 13 | 32100 | 109.83 | 150000 | 1.00 | | | |
| 17 | 25700 | 87.86 | 150000 | 1.25 | | | |
| 19 | 22800 | 78.14 | 150000 | 1.40 | | | |
| 22 | 19900 | 68.07 | 150000 | 1.60 | K | 167 | D225M4 |
| 24 | 17800 | 60.74 | 149000 | 1.80 | | | |
| 28 | 15100 | 51.77 | 145600 | 2.1 | | | |
| 34 | 12500 | 42.89 | 140600 | 2.5 | | | |
| 21 | 20600 | 70.38 | 76800 | 0.85 | | | |
| 24 | 17800 | 61.02 | 77700 | 1.00 | | | |
| 27 | 15900 | 54.29 | 77900 | 1.15 | | | |
| 31 | 13700 | 46.79 | 77800 | 1.30 | K | 157 | D225M4 |
| 39 | 11100 | 38.02 | 76900 | 1.60 | KF | 157 | D225M4 |
| 47 | 9150 | 31.30 | 75500 | 1.95 | KA | 157 | D225M4 |
| 53 | 8080 | 27.62 | 74300 | 2.2 | KAF | 157 | D225M4 |
| 61 | 7000 | 23.95 | 72800 | 2.6 | | | |
| 69 | 6230 | 21.31 | 71500 | 2.9 | | | |
| 80 | 5370 | 18.37 | 69700 | 3.3 | | | |
| 31 | 14000 | 47.82 | 52800 | 0.95 | K | 127 | D225M4 |
| 37 | 11700 | 40.19 | 53900 | 1.10 | KF | 127 | D225M4 |
| 41 | 10600 | 36.25 | 54200 | 1.25 | KA | 127 | D225M4 |
| | | | | | KAF | 127 | D225M4 |
| 47 | 9170 | 31.37 | 54400 | 1.40 | | | |
| 53 | 8090 | 27.68 | 54200 | 1.60 | | | |
| 62 | 6990 | 23.91 | 53800 | 1.85 | K | 127 | D225M4 |
| 70 | 6180 | 21.15 | 53200 | 2.1 | KF | 127 | D225M4 |
| 83 | 5190 | 17.77 | 52200 | 2.5 | KA | 127 | D225M4 |
| 102 | 4190 | 14.35 | 50700 | 2.9 | KAF | 127 | D225M4 |
| 115 | 3740 | 12.79 | 48300 | 2.3 | | | |
| 137 | 3140 | 10.74 | 47000 | 2.5 | | | |
| 169 | 2540 | 8.68 | 45300 | 2.8 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **45kW** | | | | | | | |
| 51 | 8480 | 29.00 | 25600 | 0.85 | K | 107 | D225M4 |
| 56 | 7690 | 26.32 | 28300 | 0.95 | KF | 107 | D225M4 |
| 65 | 6610 | 22.62 | 31000 | 1.10 | KA | 107 | D225M4 |
| 74 | 5770 | 19.74 | 31700 | 1.25 | KAF | 107 | D225M4 |
| 88 | 4890 | 16.75 | 31900 | 1.45 | | | |
| 100 | 4280 | 14.64 | 31900 | 1.60 | K | 107 | D225M4 |
| 109 | 3930 | 13.43 | 29900 | 1.10 | KF | 107 | D225M4 |
| 125 | 3430 | 11.73 | 29900 | 1.25 | KA | 107 | D225M4 |
| 148 | 2910 | 9.94 | 29600 | 1.45 | KAF | 107 | D225M4 |
| 169 | 2540 | 8.69 | 29300 | 1.60 | | | |
| **55kW** | | | | | | | |
| 10 | 51500 | 144.59 | 187400 | 0.95 | | | |
| 11 | 46200 | 129.69 | 190000 | 1.10 | | | |
| 13 | 40100 | 112.60 | 188500 | 1.25 | | | |
| 14 | 36400 | 102.16 | 187100 | 1.35 | K | 187 | D250M4 |
| 17 | 31300 | 88.00 | 184200 | 1.60 | | | |
| 20 | 26300 | 73.96 | 180200 | 1.90 | | | |
| 23 | 22800 | 64.04 | 176300 | 2.2 | | | |
| 17 | 31300 | 87.86 | 145300 | 1.00 | | | |
| 19 | 27800 | 78.14 | 144600 | 1.15 | | | |
| 22 | 24200 | 68.07 | 143300 | 1.30 | | | |
| 24 | 21600 | 60.74 | 141700 | 1.50 | K | 167 | D250M4 |
| 28 | 18400 | 51.77 | 139100 | 1.75 | | | |
| 34 | 15300 | 42.89 | 135400 | 2.1 | | | |
| 40 | 13000 | 36.61 | 131900 | 2.5 | | | |
| 24 | 21700 | 61.02 | 69000 | 0.85 | | | |
| 27 | 19300 | 54.29 | 70200 | 0.95 | | | |
| 32 | 16700 | 46.79 | 71200 | 1.10 | | | |
| 39 | 13500 | 38.02 | 71500 | 1.35 | K | 157 | D250M4 |
| 47 | 11100 | 31.30 | 71000 | 1.60 | KF | 157 | D250M4 |
| 53 | 9840 | 27.62 | 70400 | 1.85 | KA | 157 | D250M4 |
| 62 | 8530 | 23.95 | 69400 | 2.1 | KAF | 157 | D250M4 |
| 69 | 7590 | 21.31 | 68400 | 2.4 | | | |
| 80 | 6540 | 18.37 | 67000 | 2.8 | | | |
| 99 | 5310 | 14.92 | 64800 | 3.4 | | | |
| 117 | 4510 | 12.65 | 62900 | 3.8 | | | |
| 37 | 14300 | 40.19 | 47400 | 0.90 | K | 127 | D250M4 |
| 47 | 11200 | 31.37 | 49300 | 1.15 | KF | 127 | D250M4 |
| 53 | 9850 | 27.68 | 49700 | 1.30 | KA | 127 | D250M4 |
| | | | | | KAF | 127 | D250M4 |
| 62 | 8510 | 23.91 | 49900 | 1.55 | | | |
| 70 | 7530 | 21.15 | 49800 | 1.75 | K | 127 | D250M4 |
| 83 | 6330 | 17.77 | 49300 | 2.0 | KF | 127 | D250M4 |
| 103 | 5110 | 14.35 | 48300 | 2.4 | KA | 127 | D250M4 |
| 115 | 4550 | 12.79 | 45900 | 1.85 | KAF | 127 | D250M4 |
| 137 | 3830 | 10.74 | 45000 | 2.1 | | | |
| 170 | 3090 | 8.68 | 43600 | 2.3 | | | |
| **75kW** | | | | | | | |
| 11 | 62800 | 129.69 | 164100 | 0.80 | | | |
| 13 | 54500 | 112.60 | 166100 | 0.90 | | | |
| 14 | 49400 | 102.16 | 166600 | 1.00 | | | |
| 17 | 42600 | 88.00 | 166600 | 1.15 | K | 187 | D280S4 |
| 20 | 35800 | 73.96 | 165300 | 1.40 | | | |
| 23 | 31000 | 64.04 | 163400 | 1.60 | | | |
| 28 | 25800 | 53.36 | 160100 | 1.95 | | | |
| 33 | 22000 | 45.50 | 156700 | 2.3 | | | |
| 19 | 37800 | 78.14 | 126100 | 0.85 | | | |
| 22 | 32900 | 68.07 | 127100 | 0.95 | | | |
| 24 | 29400 | 60.74 | 127300 | 1.10 | | | |
| 29 | 25100 | 51.77 | 126800 | 1.30 | | | |
| 35 | 20800 | 42.89 | 125200 | 1.55 | K | 167 | D280S4 |
| 40 | 17700 | 36.61 | 123200 | 1.80 | | | |
| 46 | 15600 | 32.25 | 121300 | 2.0 | | | |
| 51 | 13900 | 28.77 | 119300 | 2.3 | | | |
| 60 | 11900 | 24.52 | 116300 | 2.7 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **75kW** | | | | | | | |
| 39 | 18400 | 38.02 | 60800 | 1.00 | | | |
| 47 | 15100 | 31.30 | 62200 | 1.20 | | | |
| 54 | 13400 | 27.62 | 62600 | 1.35 | K | 157 | D280S4 |
| 62 | 11600 | 23.95 | 62600 | 1.55 | KF | 157 | D280S4 |
| 69 | 10300 | 21.31 | 62400 | 1.75 | KA | 157 | D280S4 |
| 81 | 8890 | 18.37 | 61800 | 2.0 | KAF | 157 | D280S4 |
| 99 | 7220 | 14.92 | 60500 | 2.5 | | | |
| 117 | 6120 | 12.65 | 59300 | 2.8 | | | |
| 47 | 15200 | 31.37 | 39200 | 0.85 | | | |
| 53 | 13400 | 27.68 | 40800 | 0.95 | | | |
| 62 | 11600 | 23.91 | 42200 | 1.10 | K | 127 | D280S4 |
| 70 | 10200 | 21.15 | 42900 | 1.25 | KF | 127 | D280S4 |
| 83 | 8600 | 17.77 | 43500 | 1.50 | KA | 127 | D280S4 |
| 103 | 6940 | 14.35 | 43700 | 1.75 | KAF | 127 | D280S4 |
| 116 | 6190 | 12.79 | 41100 | 1.40 | | | |
| 138 | 5200 | 10.74 | 41000 | 1.55 | | | |
| 171 | 4200 | 8.68 | 40400 | 1.70 | | | |
| **90kW** | | | | | | | |
| 14 | 59300 | 102.16 | 151300 | 0.85 | | | |
| 17 | 51100 | 88.00 | 153400 | 1.00 | | | |
| 20 | 42900 | 73.96 | 154200 | 1.15 | | | |
| 23 | 37200 | 64.04 | 153800 | 1.35 | K | 187 | D280M4 |
| 28 | 31000 | 53.36 | 152200 | 1.60 | | | |
| 33 | 26400 | 45.50 | 149900 | 1.90 | | | |
| 35 | 24700 | 42.51 | 148700 | 2.0 | | | |
| 38 | 22400 | 38.57 | 146900 | 2.2 | | | |
| 22 | 39500 | 68.07 | 115100 | 0.80 | | | |
| 24 | 35300 | 60.74 | 116600 | 0.90 | | | |
| 29 | 30100 | 51.77 | 117600 | 1.05 | | | |
| 35 | 24900 | 42.89 | 117600 | 1.30 | | | |
| 40 | 21300 | 36.61 | 116700 | 1.50 | K | 167 | D280M4 |
| 46 | 18700 | 32.25 | 115500 | 1.70 | | | |
| 51 | 16700 | 28.77 | 114200 | 1.90 | | | |
| 60 | 14200 | 24.52 | 111900 | 2.2 | | | |
| 73 | 11800 | 20.32 | 108800 | 2.7 | | | |
| 85 | 10100 | 17.34 | 106000 | 3.2 | | | |
| 39 | 22100 | 38.02 | 52700 | 0.80 | | | |
| 47 | 18200 | 31.30 | 55500 | 1.00 | | | |
| 54 | 16000 | 27.62 | 56700 | 1.10 | K | 157 | D280M4 |
| 62 | 13900 | 23.95 | 57500 | 1.30 | KF | 157 | D280M4 |
| 69 | 12400 | 21.31 | 57900 | 1.45 | KA | 157 | D280M4 |
| 81 | 10700 | 18.37 | 57900 | 1.70 | KAF | 157 | D280M4 |
| 99 | 8670 | 14.92 | 57400 | 2.1 | | | |
| 117 | 7350 | 12.65 | 56600 | 2.3 | | | |
| 62 | 13900 | 23.91 | 36400 | 0.95 | | | |
| 70 | 12300 | 21.15 | 37800 | 1.05 | K | 127 | D280M4 |
| 83 | 10300 | 17.77 | 39200 | 1.25 | KF | 127 | D280M4 |
| 103 | 8330 | 14.35 | 40200 | 1.45 | KA | 127 | D280M4 |
| 116 | 7420 | 12.79 | 37600 | 1.15 | KAF | 127 | D280M4 |
| 138 | 6240 | 10.74 | 38000 | 1.30 | | | |
| 171 | 5040 | 8.68 | 38000 | 1.45 | | | |
| **110kW** | | | | | | | |
| 17 | 62300 | 88.00 | 136000 | 0.80 | | | |
| 20 | 52300 | 73.96 | 139500 | 0.95 | | | |
| 23 | 45300 | 64.04 | 141000 | 1.10 | | | |
| 28 | 37700 | 53.36 | 141500 | 1.30 | | | |
| 33 | 32200 | 45.50 | 140800 | 1.55 | K | 187 | D315S4 |
| 35 | 30100 | 42.51 | 140200 | 1.65 | | | |
| 39 | 27300 | 38.57 | 139100 | 1.85 | | | |
| 45 | 23500 | 33.23 | 137000 | 2.1 | | | |
| 53 | 19800 | 27.92 | 134000 | 2.5 | | | |
| 29 | 36600 | 51.77 | 105500 | 0.85 | | | |
| 35 | 30300 | 42.89 | 107500 | 1.05 | | | |
| 41 | 25900 | 36.61 | 108100 | 1.25 | | | |
| 46 | 22800 | 32.25 | 107900 | 1.40 | K | 167 | D315S4 |
| 52 | 20400 | 28.77 | 107400 | 1.55 | | | |
| 61 | 17300 | 24.52 | 106100 | 1.85 | | | |
| 73 | 14400 | 20.32 | 104000 | 2.2 | | | |
| 86 | 12300 | 17.34 | 101800 | 2.6 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **110kW** | | | | | | | |
| 62 | 16900 | 23.95 | 50800 | 1.05 | K | 157 | D315S4 |
| 70 | 15100 | 21.31 | 51900 | 1.20 | KF | 157 | D315S4 |
| 81 | 13000 | 18.37 | 52700 | 1.40 | KA | 157 | D315S4 |
| 100 | 10600 | 14.92 | 53100 | 1.70 | KAF | 157 | D315S4 |
| 117 | 8950 | 12.65 | 53000 | 1.90 | | | |
| **132kW** | | | | | | | |
| 20 | 62800 | 73.96 | 123300 | 0.80 | | | |
| 23 | 54400 | 64.04 | 127000 | 0.90 | | | |
| 28 | 45300 | 53.36 | 129800 | 1.10 | | | |
| 33 | 38600 | 45.50 | 130800 | 1.30 | | | |
| 35 | 36100 | 42.51 | 130900 | 1.40 | | | |
| 39 | 32700 | 38.57 | 130700 | 1.55 | K | 187 | D315M4 |
| 45 | 28200 | 33.23 | 129800 | 1.75 | | | |
| 53 | 23700 | 27.92 | 127900 | 2.1 | | | |
| 61 | 20500 | 24.18 | 125900 | 2. 3 | | | |
| 74 | 17100 | 20.15 | 122800 | 2.6 | | | |
| 86 | 14600 | 17.18 | 119700 | 2.8 | | | |
| 35 | 36400 | 42.89 | 96400 | 0.90 | | | |
| 41 | 31100 | 36.61 | 98600 | 1.05 | | | |
| 46 | 27400 | 32.25 | 99600 | 1.15 | | | |
| 52 | 24400 | 28.77 | 99900 | 1.30 | K | 167 | D315M4 |
| 61 | 20800 | 24.52 | 99800 | 1.55 | | | |
| 73 | 17200 | 20.32 | 98700 | 1.85 | | | |
| 86 | 14700 | 17.34 | 97300 | 2.2 | | | |
| 62 | 20300 | 23.95 | 43400 | 0.90 | | | |
| 70 | 18100 | 21.31 | 45300 | 1.00 | K | 157 | D315M4 |
| 81 | 15600 | 18.37 | 47000 | 1.15 | KF | 157 | D315M4 |
| 100 | 12700 | 14.92 | 48500 | 1.40 | KA | 157 | D315M4 |
| 117 | 10700 | 12.65 | 49100 | 1.60 | KAF | 157 | D315M4 |
| **160kW** | | | | | | | |
| 28 | 54900 | 53.36 | 114900 | 0.90 | | | |
| 33 | 46800 | 45.50 | 118100 | 1.05 | | | |
| 45 | 34200 | 33.23 | 120500 | 1.45 | | | |
| 53 | 28700 | 27.92 | 120100 | 1.75 | K | 187 | D315M4a |
| 61 | 24900 | 24.18 | 119100 | 1.90 | | | |
| 74 | 20700 | 20.15 | 117200 | 2.1 | | | |
| 86 | 17700 | 17.18 | 114900 | 2.3 | | | |
| 41 | 37700 | 36.61 | 86500 | 0.85 | | | |
| 61 | 25200 | 24.52 | 91700 | 1.25 | K | 167 | D315M4a |
| 73 | 20900 | 20.32 | 92000 | 1.55 | | | |
| 86 | 17800 | 17.34 | 91600 | 1.80 | | | |
| 81 | 18900 | 18.37 | 39800 | 0.95 | K | 157 | D315M4a |
| 100 | 15400 | 14.92 | 42600 | 1.15 | KF | 157 | D315M4a |
| 117 | 13000 | 12.65 | 44100 | 1.30 | KA | 157 | D315M4a |
| | | | | | KAF | 157 | D315M4a |
| **200kW** | | | | | | | |
| 33 | 58500 | 45.50 | 100000 | 0.85 | | | |
| 45 | 42700 | 33.23 | 107300 | 1.15 | | | |
| 53 | 35900 | 27.92 | 109000 | 1.40 | K | 187 | D315M4b |
| 61 | 31100 | 24.18 | 109500 | 1.55 | | | |
| 74 | 25900 | 20.15 | 109100 | 1.70 | | | |
| 86 | 22100 | 17.18 | 108100 | 1.85 | | | |
| 61 | 31500 | 24.52 | 80100 | 1.00 | | | |
| 73 | 26100 | 20.32 | 82400 | 1.20 | K | 167 | D315M4b |
| 86 | 22300 | 17.34 | 83400 | 1.45 | | | |
| | | | | | K | 157 | D315M4b |
| 100 | 19200 | 14.92 | 34200 | 0.95 | KF | 157 | D315M4b |
| 117 | 16300 | 12.65 | 36900 | 1.05 | KA | 157 | D315M4b |
| | | | | | KAF | 157 | D315M4b |



| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **200** | | | | | | |
| 0.20 | 8832 | 5640 | | | | |
| 0.23 | 5922 | 5640 | | | | |
| 0.25 | 5491 | 5640 | | | | |
| 0.29 | 4759 | 5640 | | | | |
| 0.33 | 4160 | 5640 | | | | |
| 0.38 | 3645 | 5640 | K | 37 R17 | D63S4 | |
| 0.43 | 3205 | 5640 | KF | 37 R17 | D63S4 | |
| 0.49 | 2801 | 5640 | KA | 37 R17 | D63S4 | |
| 0.56 | 2454 | 5640 | KAF | 37 R17 | D63S4 | |
| 0.64 | 2166 | 5640 | | | | |
| 0.73 | 1891 | 5640 | | | | |
| 0.83 | 1660 | 5640 | | | | |
| 0.94 | 1466 | 5640 | | | | |
| 1.1 | 1288 | 5640 | | | | |
| 1.2 | 1136 | 5640 | | | | |
| 1.4 | 996 | 5640 | | | | |
| 1.6 | 876 | 5640 | | | | |
| 1.8 | 761 | 5640 | | | | |
| 2.1 | 671 | 5640 | K | 37 R17 | D63S4 | |
| 2.4 | 585 | 5640 | KF | 37 R17 | D63S4 | |
| 2.7 | 512 | 5640 | KA | 37 R17 | D63S4 | |
| 3.1 | 451 | 5640 | KAF | 37 R17 | D63S4 | |
| 3.5 | 396 | 5640 | | | | |
| 4.0 | 346 | 5640 | | | | |
| 4.3 | 304 | 5640 | K | 37 R17 | D63M4 | |
| 4.9 | 267 | 5640 | KF | 37 R17 | D63M4 | |
| 5.7 | 234 | 5640 | KA | 37 R17 | D63M4 | |
| 6.4 | 205 | 5640 | KAF | 37 R17 | D63M4 | |
| 7.2 | 181 | 5640 | K | 37 R17 | D63L4 | |
| 8.1 | 160 | 5640 | KF | 37 R17 | D63L4 | |
| 9.5 | 136 | 5640 | KA | 37 R17 | D63L4 | |
| 10 | 127 | 5640 | KAF | 37 R17 | D63L4 | |
| | | | K | 37 R17 | D71D4 | |
| 12 | 110 | 5640 | KF | 37 R17 | D71D4 | |
| 14 | 96 | 5640 | KA | 37 R17 | D71D4 | |
| | | | KAF | 37 R17 | D71D4 | |
| **400** | | | | | | |
| 0.14 | 10138 | 5920 | | | | |
| 0.16 | 8534 | 5920 | | | | |
| 0.18 | 7662 | 5920 | | | | |
| 0.20 | 6826 | 5920 | | | | |
| 0.23 | 5983 | 5920 | | | | |
| 0.27 | 5159 | 5920 | K | 47 R37 | D63S4 | |
| 0.30 | 4601 | 5920 | KF | 47 R37 | D63S4 | |
| 0.35 | 3940 | 5920 | KA | 47 R37 | D63S4 | |
| 0.40 | 3477 | 5920 | KAF | 47 R37 | D63S4 | |
| 0.45 | 3043 | 5920 | | | | |
| 0.51 | 2733 | 5920 | | | | |
| 0.59 | 2354 | 5920 | | | | |
| 0.67 | 2063 | 5920 | | | | |
| 0.76 | 1819 | 5920 | | | | |
| 0.87 | 1586 | 5920 | | | | |
| 0.99 | 1388 | 5920 | | | | |
| 1.1 | 1222 | 5920 | | | | |
| 1.3 | 1097 | 5920 | K | 47 R37 | D63S4 | |
| 1.5 | 945 | 5920 | KF | 47 R37 | D63S4 | |
| 1.7 | 831 | 5920 | KA | 47 R37 | D63S4 | |
| 1.9 | 718 | 5920 | KAF | 47 R37 | D63S4 | |
| 2.2 | 639 | 5920 | | | | |
| 2.4 | 552 | 5920 | K | 47 R37 | D63M4 | |
| 2.7 | 495 | 5920 | KF | 47 R37 | D63M4 | |
| 3.1 | 426 | 5920 | KA | 47 R37 | D63M4 | |
| | | | KAF | 47 R37 | D63M4 | |
| 3.5 | 375 | 5920 | K | 47 R37 | D63L4 | |
| 4.0 | 327 | 5920 | KF | 47 R37 | D63L4 | |
| 4.5 | 289 | 5920 | KA | 47 R37 | D63L4 | |
| | | | KAF | 47 R37 | D63L4 | |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **400** | | | | | | |
| 5.4 | 256 | 5920 | K | 47 R37 | D71D4 | |
| 6.2 | 225 | 5920 | KF | 47 R37 | D71D4 | |
| 7.0 | 198 | 5920 | KA | 47 R37 | D71D4 | |
| | | | KAF | 47 R37 | D71D4 | |
| 7.9 | 171 | 5920 | K | 47 R37 | D80K4 | |
| 8.9 | 153 | 5920 | KF | 47 R37 | D80K4 | |
| 10 | 131 | 5920 | KA | 47 R37 | D80K4 | |
| | | | KAF | 47 R37 | D80K4 | |
| **600** | | | | | | |
| 0.11 | 12169 | 7630 | | | | |
| 0.12 | 11162 | 7630 | | | | |
| 0.15 | 9503 | 7630 | | | | |
| 0.16 | 8547 | 7630 | | | | |
| 0.19 | 7277 | 7630 | | | | |
| 0.21 | 6478 | 7630 | K | 57 R37 | D63S4 | |
| 0.24 | 5662 | 7630 | KF | 57 R37 | D63S4 | |
| 0.27 | 5033 | 7630 | KA | 57 R37 | D63S4 | |
| 0.32 | 4340 | 7630 | KAF | 57 R37 | D63S4 | |
| 0.36 | 3854 | 7630 | | | | |
| 0.41 | 3390 | 7630 | | | | |
| 0.47 | 2924 | 7630 | | | | |
| 0.53 | 2593 | 7630 | | | | |
| 0.61 | 2249 | 7630 | | | | |
| 0.70 | 1986 | | | | | |
| 0.79 | 1743 | 7630 | K | 57 R37 | D63S4 | |
| 0.90 | 1539 | 7630 | KF | 57 R37 | D63S4 | |
| 1.0 | 1354 | 7630 | KA | 57 R37 | D63S4 | |
| 1.2 | 1174 | 7630 | KAF | 57 R37 | D63S4 | |
| 1.3 | 1036 | 7630 | | | | |
| 1.5 | 906 | 7630 | K | 57 R37 | D63M4 | |
| 1.6 | 806 | 7630 | KF | 57 R37 | D63M4 | |
| 1.9 | 699 | 7630 | KA | 57 R37 | D63M4 | |
| 2.2 | 615 | 7630 | KAF | 57 R37 | D63M4 | |
| 2.4 | 544 | 7630 | K | 57 R37 | D63L4 | |
| 2.8 | 473 | 7630 | KF | 57 R37 | D63L4 | |
| 3.1 | 421 | 7630 | KA | 57 R37 | D63L4 | |
| | | | KAF | 57 R37 | D63L4 | |
| 3.8 | 362 | 7630 | K | 57 R37 | D71D4 | |
| 4.3 | 319 | 7630 | KF | 57 R37 | D71D4 | |
| 4.9 | 280 | 7630 | KA | 57 R37 | D71D4 | |
| | | | KAF | 57 R37 | D71D4 | |
| 5.5 | 246 | 7630 | K | 57 R37 | D80K4 | |
| 6.3 | 215 | 7630 | KF | 57 R37 | D80K4 | |
| 7.1 | 192 | 7630 | KA | 57 R37 | D80K4 | |
| | | | KAF | 57 R37 | D80K4 | |
| 8.3 | 166 | 7630 | K | 57 R37 | D80N4 | |
| 9.6 | 145 | 7630 | KF | 57 R37 | D80N4 | |
| 11 | 129 | 7630 | KA | 57 R37 | D80N4 | |
| | | | KAF | 57 R37 | D80N4 | |
| 13 | 111 | 7630 | K | 57 R37 | D90S4 | |
| 14 | 97 | 7630 | KF | 57 R37 | D90S4 | |
| | | | KA | 57 R37 | D90S4 | |
| | | | KAF | 57 R37 | D90S4 | |
| **820** | | | | | | |
| 0.11 | 12139 | 10300 | | | | |
| 0.12 | 11134 | 10300 | | | | |
| 0.15 | 9479 | 10300 | | | | |
| 0.17 | 8173 | 10300 | | | | |
| 0.19 | 7259 | 10300 | | | | |
| 0.21 | 6462 | 10300 | K | 67 R37 | D63S4 | |
| 0.24 | 5648 | 10300 | KF | 67 R37 | D63S4 | |
| 0.28 | 4846 | 10300 | KA | 67 R37 | D63S4 | |
| 0.32 | 4329 | 10300 | KAF | 67 R37 | D63S4 | |
| 0.37 | 3750 | 10300 | | | | |
| 0.42 | 3315 | 10300 | | | | |
| 0.47 | 2917 | 10300 | | | | |
| 0.55 | 2532 | 10300 | | | | |
| 0.62 | 2244 | 10300 | | | | |
| 0.70 | 1981 | 10300 | | | | |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model |
|---|---|---|---|---|
| **820** | | | | |
| | 0.79 | 1739 | 10300 | K 67 R37 D63S4 |
| | 0.90 | 1535 | 10300 | KF 67 R37 D63S4 |
| | 1.0 | 1351 | 10300 | KA 67 R37 D63S4 |
| | | | | KAF 67 R37 D63S4 |
| | 1.1 | 1171 | 10300 | K 67 R37 D63M4 |
| | 1.3 | 1034 | 10300 | KF 67 R37 D63M4 |
| | 1.5 | 903 | 10300 | KA 67 R37 D63M4 |
| | 1.7 | 793 | 10300 | KAF 67 R37 D63M4 |
| | 1.9 | 697 | 10300 | K 67 R37 D63L4 |
| | 2.1 | 613 | 10300 | KF 67 R37 D63L4 |
| | 2.4 | 542 | 10300 | KA 67 R37 D63L4 |
| | | | | KAF 67 R37 D63L4 |
| | | | | K 67 R37 D71D4 |
| | 2.9 | 471 | 10300 | KF 67 R37 D71D4 |
| | 3.3 | 420 | 10300 | KA 67 R37 D71D4 |
| | | | | KAF 67 R37 D71D4 |
| | 3.8 | 361 | 10300 | K 67 R37 D80K4 |
| | 4.2 | 323 | 10300 | KF 67 R37 D80K4 |
| | 4.9 | 279 | 10300 | KA 67 R37 D80K4 |
| | 5.5 | 246 | 10300 | KAF 67 R37 D80K4 |
| | | | | K 67 R37 D80N4 |
| | 6.3 | 217 | 10300 | KF 67 R37 D80N4 |
| | 7.2 | 191 | 10300 | KA 67 R37 D80N4 |
| | | | | KAF 67 R37 D80N4 |
| **1550** | | | | |
| | 0.09 | 15310 | 15400 | |
| | 0.10 | 14043 | 15400 | |
| | 0.12 | 11955 | 15400 | |
| | 0.14 | 10217 | 15400 | |
| | 0.16 | 8809 | 15400 | K 77 R37 D63S4 |
| | 0.18 | 7528 | 15400 | KF 77 R37 D63S4 |
| | 0.21 | 6606 | 15400 | KA 77 R37 D63S4 |
| | 0.24 | 5774 | 15400 | KAF 77 R37 D63S4 |
| | 0.27 | 5089 | 15400 | |
| | 0.31 | 4489 | 15400 | |
| | 0.35 | 3961 | 15400 | |
| | 0.40 | 3485 | 15400 | |
| | 0.48 | 2901 | 15400 | |
| | 0.51 | 2717 | 15400 | |
| | 0.56 | 2370 | 15400 | K 77 R37 D63M4 |
| | | | | KF 77 R37 D63M4 |
| | | | | KA 77 R37 D63M4 |
| | | | | KAF 77 R37 D63M4 |
| | 0.64 | 2050 | 15400 | K 77 R37 D63M4 |
| | 0.75 | 1772 | 15400 | KF 77 R37 D63M4 |
| | 0.87 | 1514 | 15400 | KA 77 R37 D63M4 |
| | | | | KAF 77 R37 D63M4 |
| | 0.94 | 1388 | 15400 | K 77 R37 D63L4 |
| | 1.1 | 1218 | 15400 | KF 77 R37 D63L4 |
| | 1.2 | 1053 | 15400 | KA 77 R37 D63L4 |
| | | | | KAF 77 R37 D63L4 |
| | 1.5 | 924 | 15400 | K 77 R37 D71D4 |
| | 1.7 | 815 | 15400 | KF 77 R37 D71D4 |
| | 2.0 | 709 | 15400 | KA 77 R37 D71D4 |
| | | | | KAF 77 R37 D71D4 |
| | 2.2 | 622 | 15400 | K 77 R37 D80K4 |
| | 2.5 | 552 | 15400 | KF 77 R37 D80K4 |
| | 2.8 | 485 | 15400 | KA 77 R37 D80K4 |
| | | | | KAF 77 R37 D80K4 |
| | 3.2 | 428 | 15400 | K 77 R37 D80N4 |
| | 3.8 | 367 | 15400 | KF 77 R37 D80N4 |
| | | | | KA 77 R37 D80N4 |
| | | | | KAF 77 R37 D80N4 |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model |
|---|---|---|---|---|
| **1550** | | | | |
| | 4.3 | 328 | 15400 | K 77 R37 D90S4 |
| | 4.8 | 290 | 15400 | KF 77 R37 D90S4 |
| | 5.6 | 252 | 15400 | KA 77 R37 D90S4 |
| | | | | KAF 77 R37 D90S4 |
| **2700** | | | | |
| | 0.09 | 14829 | 27300 | |
| | 0.10 | 13168 | 27300 | |
| | 0.12 | 11737 | 27300 | |
| | 0.14 | 10217 | 27300 | K 87 R57 D63S4 |
| | 0.15 | 9073 | 27300 | KF 87 R57 D63S4 |
| | 0.18 | 7854 | 27300 | KA 87 R57 D63S4 |
| | 0.20 | 6832 | 27300 | KAF 87 R57 D63S4 |
| | 0.23 | 5930 | 27300 | |
| | 0.26 | 5240 | 27300 | |
| | 0.30 | 4562 | 27300 | |
| | 0.33 | 4037 | 27300 | K 87 R57 D63M4 |
| | 0.37 | 3609 | 27300 | KF 87 R57 D63M4 |
| | 0.42 | 3107 | 27300 | KA 87 R57 D63M4 |
| | 0.48 | 2728 | 27300 | KAF 87 R57 D63M4 |
| | | | | K 87 R57 D63L4 |
| | 0.55 | 2371 | 27300 | KF 87 R57 D63L4 |
| | | | | KA 87 R57 D63L4 |
| | | | | KAF 87 R57 D63L4 |
| | | | | K 87 R57 D63L4 |
| | 0.62 | 2088 | 27300 | KF 87 R57 D63L4 |
| | 0.70 | 1854 | 27300 | KA 87 R57 D63L4 |
| | | | | KAF 87 R57 D63L4 |
| | 0.83 | 1657 | 27300 | K 87 R57 D71D4 |
| | 0.97 | 1415 | 27300 | KF 87 R57 D71D4 |
| | 1.1 | 1229 | 27300 | KA 87 R57 D71D4 |
| | | | | KAF 87 R57 D71D4 |
| | 1.3 | 1078 | 27300 | K 87 R57 D80K4 |
| | 1.4 | 951 | 27300 | KF 87 R57 D80K4 |
| | 1.6 | 837 | | KA 87 R57 D80K4 |
| | | | | KAF 87 R57 D80K4 |
| | | | | K 87 R57 D80N4 |
| | 1.9 | 726 | 27300 | KF 87 R57 D80N4 |
| | 2.2 | 638 | 27300 | KA 87 R57 D80N4 |
| | | | | KAF 87 R57 D80N4 |
| | 2.5 | 562 | 27300 | K 87 R57 D90S4 |
| | 3.0 | 474 | 27300 | KF 87 R57 D90S4 |
| | 3.3 | 426 | 27300 | KA 87 R57 D90S4 |
| | | | | KAF 87 R57 D90S4 |
| | | | | K 87 R57 D90L4 |
| | 3.8 | 373 | 27300 | KF 87 R57 D90L4 |
| | 4.3 | 330 | 27300 | KA 87 R57 D90L4 |
| | | | | KAF 87 R57 D90L4 |
| | 4.8 | 294 | 27300 | K 87 R57 D100M4 |
| | 5.6 | 250 | 27300 | KF 87 R57 D100M4 |
| | 6.0 | 236 | 27300 | KA 87 R57 D100M4 |
| | 7.0 | 201 | 27300 | KAF 87 R57 D100M4 |
| **4300** | | | | |
| | 0.08 | 18091 | 40000 | |
| | 0.08 | 16666 | 40000 | |
| | 0.09 | 14897 | 40000 | |
| | 0.10 | 13182 | 40000 | K 97 R57 D63S4 |
| | 0.12 | 11677 | 40000 | KF 97 R57 D63S4 |
| | 0.13 | 10317 | 40000 | KA 97 R57 D63S4 |
| | 0.15 | 9083 | 40000 | KAF 97 R57 D63S4 |
| | 0.17 | 8054 | 40000 | |
| | 0.20 | 6970 | 40000 | |
| | 0.22 | 6027 | 40000 | K 97 R57 D63M4 |
| | 0.24 | 5391 | 40000 | KF 97 R57 D63M4 |
| | 0.28 | 4669 | 40000 | KA 97 R57 D63M4 |
| | 0.32 | 4082 | 40000 | KAF 97 R57 D63M4 |



| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model |
|---|---|---|---|---|
| **4300** | | | | |
| | 0.36 | 3583 | 40000 | K 97 R57 D63L4 |
| | 0.42 | 3108 | 40000 | KF 97 R57 D63L4 |
| | | | | KA 97 R57 D63L4 |
| | | | | KAF 97 R57 D63L4 |
| | 0.50 | 2757 | 40000 | K 97 R57 D71D4 |
| | | | | KF 97 R57 D71D4 |
| | | | | KA 97 R57 D71D4 |
| | | | | KAF 97 R57 D71D4 |
| | 0.57 | 2419 | 40000 | K 97 R57 D71D4 |
| | 0.65 | 2123 | 40000 | KF 97 R57 D71D4 |
| | | | | KA 97 R57 D71D4 |
| | | | | KAF 97 R57 D71D4 |
| | 0.73 | 1856 | 40000 | K 97 R57 D80K4 |
| | 0.84 | 1625 | 40000 | KF 97 R57 D80K4 |
| | 0.95 | 1430 | 40000 | KA 97 R57 D80K4 |
| | 1.1 | 1261 | 40000 | KAF 97 R57 D80K4 |
| | | | | K 97 R57 D80N4 |
| | 1.2 | 1102 | 40000 | KF 97 R57 D80N4 |
| | 1.4 | 957 | 40000 | KA 97 R57 D80N4 |
| | | | | KAF 97 R57 D80N4 |
| | 1.6 | 855 | 40000 | K 97 R57 D90S4 |
| | 1.9 | 743 | 40000 | KF 97 R57 D90S4 |
| | 2.2 | 652 | 40000 | KA 97 R57 D90S4 |
| | | | | KAF 97 R57 D90S4 |
| | 2.5 | 573 | 40000 | K 97 R57 D90L4 |
| | 2.8 | 504 | 40000 | KF 97 R57 D90L4 |
| | | | | KA 97 R57 D90L4 |
| | | | | KAF 97 R57 D90L4 |
| | 3.2 | 437 | 40000 | K 97 R57 D100M4 |
| | 3.7 | 382 | 40000 | KF 97 R57 D100M4 |
| | 4.1 | 342 | 40000 | KA 97 R57 D100M4 |
| | | | | KAF 97 R57 D100M4 |
| | 4.6 | 305 | 40000 | K 97 R57 D100L4 |
| | 5.4 | 258 | 40000 | KF 97 R57 D100L4 |
| | 6.0 | 232 | 40000 | KA 97 R57 D100L4 |
| | | | | KAF 97 R57 D100L4 |
| | 7.1 | 199 | 40000 | K 97 R57 D112M4 |
| | | | | KF 97 R57 D112M4 |
| | | | | KA 97 R57 D112M4 |
| | | | | KAF 97 R57 D112M4 |
| **8000** | | | | |
| | 0.10 | 14311 | 65000 | K 107 R77 D63S4 |
| | 0.11 | 12211 | 65000 | KF 107 R77 D63S4 |
| | | | | KA 107 R77 D63S4 |
| | | | | KAF 107 R77 D63S4 |
| | 0.12 | 10677 | 65000 | K 107 R77 D63M4 |
| | 0.14 | 9524 | 65000 | KF 107 R77 D63M4 |
| | 0.16 | 8328 | 65000 | KA 107 R77 D63M4 |
| | | | | KAF 107 R77 D63M4 |
| | 0.18 | 7270 | 65000 | K 107 R77 D63L4 |
| | 0.21 | 6184 | 65000 | KF 107 R77 D63L4 |
| | 0.23 | 5662 | 65000 | KA 107 R77 D63L4 |
| | | | | KAF 107 R77 D63L4 |
| | 0.27 | 5138 | 65000 | K 107 R77 D71D4 |
| | 0.32 | 4359 | 65000 | KF 107 R77 D71D4 |
| | 0.36 | 3810 | 65000 | KA 107 R77 D71D4 |
| | | | | KAF 107 R77 D71D4 |
| | 0.41 | 3358 | 65000 | K 107 R77 D80K4 |
| | 0.46 | 2977 | 65000 | KF 107 R77 D80K4 |
| | 0.52 | 2599 | 65000 | KA 107 R77 D80K4 |
| | | | | KAF 107 R77 D80K4 |
| | 0.60 | 2286 | 65000 | K 107 R77 D80N4 |
| | 0.71 | 1939 | 65000 | KF 107 R77 D80N4 |
| | | | | KA 107 R77 D80N4 |
| | | | | KAF 107 R77 D80N4 |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model |
|---|---|---|---|---|
| **8000** | | | | |
| | 0.82 | 1713 | 65000 | K 107 R77 D90S4 |
| | 0.90 | 1554 | 65000 | KF 107 R77 D90S4 |
| | 1.0 | 1336 | 65000 | KA 107 R77 D90S4 |
| | | | | KAF 107 R77 D90S4 |
| | 1.2 | 1166 | 65000 | K 107 R77 D90L4 |
| | 1.4 | 1030 | 65000 | KF 107 R77 D90L4 |
| | 1.6 | 904 | 65000 | KA 107 R77 D90L4 |
| | | | | KAF 107 R77 D90L4 |
| | 1.8 | 793 | 65000 | K 107 R77 D100M4 |
| | 2.0 | 696 | 65000 | KF 107 R77 D100M4 |
| | 2.3 | 615 | 65000 | KA 107 R77 D100M4 |
| | | | | KAF 107 R77 D100M4 |
| | | | | K 107 R77 D100L4 |
| | 2.7 | 522 | 65000 | KF 107 R77 D100L4 |
| | 3.0 | 461 | 65000 | KA 107 R77 D100L4 |
| | | | | KAF 107 R77 D100L4 |
| | | | | K 107 R77 D112M4 |
| | 3.5 | 408 | 65000 | KF 107 R77 D112M4 |
| | 3.9 | 364 | 65000 | KA 107 R77 D112M4 |
| | | | | KAF 107 R77 D112M4 |
| | 4.5 | 318 | 65000 | K 107 R77 D132S4 |
| | 5.0 | 286 | 65000 | KF 107 R77 D132S4 |
| | 5.7 | 251 | 65000 | KA 107 R77 D132S4 |
| | | | | KAF 107 R77 D132S4 |
| **13000** | | | | |
| | 0.08 | 17550 | 79200 | K 127 R77 D63M4 |
| | 0.08 | 16006 | 79200 | KF 127 R77 D63M4 |
| | 0.09 | 14975 | 79200 | KA 127 R77 D63M4 |
| | 0.11 | 12440 | 79200 | KAF 127 R77 D63M4 |
| | | | | K 127 R77 D63L4 |
| | 0.12 | 10915 | 79200 | KF 127 R77 D63L4 |
| | 0.13 | 9819 | 79200 | KA 127 R77 D63L4 |
| | | | | KAF 127 R77 D63L4 |
| | 0.16 | 8443 | 79200 | K 127 R77 D71D4 |
| | 0.18 | 7482 | 79200 | KF 127 R77 D71D4 |
| | 0.21 | 6565 | 79200 | KA 127 R77 D71D4 |
| | | | | KAF 127 R77 D71D4 |
| | 0.23 | 5804 | 79200 | K 127 R77 D80K4 |
| | 0.27 | 5027 | 79200 | KF 127 R77 D80K4 |
| | 0.31 | 4423 | 79200 | KA 127 R77 D80K4 |
| | 0.35 | 3889 | 79200 | KAF 127 R77 D80K4 |
| | | | | K 127 R77 D80N4 |
| | 0.42 | 3311 | 79200 | KF 127 R77 D80N4 |
| | 0.46 | 3009 | 79200 | KA 127 R77 D80N4 |
| | | | | KAF 127 R77 D80N4 |
| | | | | K 127 R77 D90S4 |
| | 0.54 | 2607 | 79200 | KF 127 R77 D90S4 |
| | 0.62 | 2268 | 79200 | KA 127 R77 D90S4 |
| | | | | KAF 127 R77 D90S4 |
| | | | | K 127 R77 D90S4 |
| | 0.73 | 1926 | 79200 | KF 127 R77 D90S4 |
| | | | | KA 127 R77 D90S4 |
| | | | | KAF 127 R77 D90S4 |
| | | | | K 127 R77 D90L4 |
| | 0.80 | 1757 | 79200 | KF 127 R77 D90L4 |
| | 0.91 | 1541 | 79200 | KA 127 R77 D90L4 |
| | | | | KAF 127 R77 D90L4 |
| | 1.0 | 1342 | 79200 | K 127 R77 D100M4 |
| | 1.2 | 1177 | 79200 | KF 127 R77 D100M4 |
| | 1.4 | 1025 | 79200 | KA 127 R77 D100M4 |
| | | | | KAF 127 R77 D100M4 |
| | 1.6 | 899 | 79200 | K 127 R77 D100L4 |
| | 1.8 | 790 | 79200 | KF 127 R77 D100L4 |
| | 2.0 | 704 | 79200 | KA 127 R77 D100L4 |
| | | | | KAF 127 R77 D100L4 |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **13000** | | | | | | |
| | 2.3 | 610 | 79200 | K | 127 R77 | D112M4 |
| | 2.6 | 549 | 79200 | KF | 127 R77 | D112M4 |
| | | | | KA | 127 R77 | D112M4 |
| | | | | KAF | 127 R77 | D112M4 |
| | 3.0 | 477 | 79200 | K | 127 R77 | D132S4 |
| | 3.4 | 418 | 79200 | KF | 127 R77 | D132S4 |
| | | | | KA | 127 R77 | D132S4 |
| | | | | KAF | 127 R77 | D132S4 |
| | 2.7 | 536 | 79200 | K | 127 R87 | D112M4 |
| | | | | KF | 127 R87 | D112M4 |
| | | | | KA | 127 R87 | D112M4 |
| | | | | KAF | 127 R87 | D112M4 |
| | 3.0 | 473 | 79200 | K | 127 R87 | D132S4 |
| | 3.4 | 418 | 79200 | KF | 127 R87 | D132S4 |
| | | | | KA | 127 R87 | D132S4 |
| | | | | KAF | 127 R87 | D132S4 |
| | 3.9 | 367 | 79200 | K | 127 R87 | D132M4 |
| | 4.3 | 330 | 79200 | KF | 127 R87 | D132M4 |
| | 5.0 | 287 | 79200 | KA | 127 R87 | D132M4 |
| | | | | KAF | 127 R87 | D132M4 |
| | 5.7 | 253 | 79200 | K | 127 R87 | D132ML4 |
| | | | | KF | 127 R87 | D132ML4 |
| | | | | KA | 127 R87 | D132ML4 |
| | | | | KAF | 127 R87 | D132ML4 |
| **18000** | 0.08 | 17679 | 112200 | | | |
| | 0.09 | 15729 | 112200 | | | |
| | 0.09 | 14721 | 112200 | K | 157 R97 | D80K4 |
| | 0.10 | 13097 | 112200 | KF | 157 R97 | D80K4 |
| | 0.12 | 11368 | 112200 | KA | 157 R97 | D80K4 |
| | 0.13 | 10114 | 112200 | KAF | 157 R97 | D80K4 |
| | 0.16 | 8718 | 112200 | | | |
| | 0.18 | 7734 | 112200 | | | |
| | 0.28 | 5074 | 112200 | K | 157 R97 | D90S4 |
| | 0.31 | 4514 | 112200 | KF | 157 R97 | D90S4 |
| | 0.35 | 3979 | 112200 | KA | 157 R97 | D90S4 |
| | 0.40 | 3516 | 112200 | KAF | 157 R97 | D90S4 |
| | 0.46 | 3051 | 112200 | | | |
| | 0.54 | 2610 | 112200 | K | 157 R97 | D90L4 |
| | 0.61 | 2322 | 112200 | KF | 157 R97 | D90L4 |
| | | | | KA | 157 R97 | D90L4 |
| | | | | KAF | 157 R97 | D90L4 |
| | 0.70 | 2029 | 112200 | K | 157 R97 | D100M4 |
| | 0.78 | 1805 | 112200 | KF | 157 R97 | D100M4 |
| | | | | KA | 157 R97 | D100M4 |
| | | | | KAF | 157 R97 | D100M4 |
| | 0.85 | 1659 | 112200 | K | 157 R97 | D100M4 |
| | 1.0 | 1365 | 112200 | KF | 157 R97 | D100M4 |
| | | | | KA | 157 R97 | D100M4 |
| | | | | KAF | 157 R97 | D100M4 |
| | 1.1 | 1229 | 112200 | K | 157 R97 | D100L4 |
| | 1.3 | 1093 | 112200 | KF | 157 R97 | D100L4 |
| | | | | KA | 157 R97 | D100L4 |
| | | | | KAF | 157 R97 | D100L4 |
| | 1.5 | 942 | 112200 | K | 157 R97 | D112M4 |
| | 1.7 | 854 | 112200 | KF | 157 R97 | D112M4 |
| | 1.9 | 756 | 112200 | KA | 157 R97 | D112M4 |
| | | | | KAF | 157 R97 | D112M4 |

| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **18000** | | | | | | |
| | 2.2 | 661 | 112200 | K | 157 R97 | D132S4 |
| | 2.5 | 567 | 112200 | KF | 157 R97 | D132S4 |
| | | | | KA | 157 R97 | D132S4 |
| | | | | KAF | 157 R97 | D132S4 |
| | 2.8 | 504 | 112200 | K | 157 R97 | D132M4 |
| | 3.3 | 434 | 112200 | KF | 157 R97 | D132M4 |
| | | | | KA | 157 R97 | D132M4 |
| | | | | KAF | 157 R97 | D132M4 |
| | 3.8 | 379 | 112200 | K | 157 R97 | D132ML4 |
| | 4.3 | 333 | 112200 | KF | 157 R97 | D132ML4 |
| | | | | KA | 157 R97 | D132ML4 |
| | | | | KAF | 157 R97 | D132ML4 |
| | 4.9 | 291 | 112200 | K | 157 R97 | D160M4 |
| | | | | KF | 157 R97 | D160M4 |
| | | | | KA | 157 R97 | D160M4 |
| | | | | KAF | 157 R97 | D160M4 |
| | 3.7 | 385 | 112200 | K | 157 R107 | D132ML4 |
| | 4.4 | 325 | 112200 | KF | 157 R107 | D132ML4 |
| | | | | KA | 157 R107 | D132ML4 |
| | | | | KAF | 157 R107 | D132ML4 |
| | 4.8 | 299 | 112200 | K | 157 R107 | D160M4 |
| | | | | KF | 157 R107 | D160M4 |
| | | | | KA | 157 R107 | D160M4 |
| | | | | KAF | 157 R107 | D160M4 |
| | 5.8 | 253 | 112200 | K | 157 R97 | D160L4 |
| | 6.3 | 230 | 112200 | KF | 157 R97 | D160L4 |
| | 6.9 | 213 | 112200 | KA | 157 R97 | D160L4 |
| | | | | KAF | 157 R97 | D160L4 |
| **32000** | 0.07 | 19723 | 150000 | | | |
| | 0.08 | 17406 | 150000 | | | |
| | 0.09 | 15000 | 150000 | K | 167 R97 | D80K4 |
| | 0.10 | 13238 | 150000 | | | |
| | 0.12 | 11573 | 150000 | | | |
| | 0.13 | 10264 | 150000 | | | |
| | 0.16 | 8628 | 150000 | K | 167 R97 | D80K4 |
| | 0.21 | 6562 | 150000 | K | 167 R97 | D90S4 |
| | 0.26 | 5355 | 150000 | | | |
| | 0.29 | 4788 | 150000 | K | 167 R97 | D90L4 |
| | 0.35 | 4079 | 150000 | | | |
| | 0.42 | 3376 | 150000 | K | 167 R97 | D100M4 |
| | 0.51 | 2755 | 150000 | | | |
| | 0.62 | 2263 | 150000 | K | 167 R97 | D100L4 |
| | 0.64 | 2182 | 150000 | K | 167 R97 | D100L4 |
| | 0.83 | 1704 | 150000 | K | 167 R97 | D112M4 |
| | 1.0 | 1408 | 150000 | | | |
| | 1.1 | 1296 | 150000 | K | 167 R97 | D132S4 |
| | 1.3 | 1101 | 150000 | | | |
| | 1.5 | 944 | 150000 | | | |
| | 1.7 | 843 | 150000 | K | 167 R97 | D132M4 |
| | 1.9 | 757 | 150000 | | | |
| | 2.3 | 632 | 150000 | K | 167 R97 | D132ML4 |
| | 2.6 | 561 | 150000 | K | 167 R97 | D160M4 |
| | 3.0 | 481 | 150000 | | | |

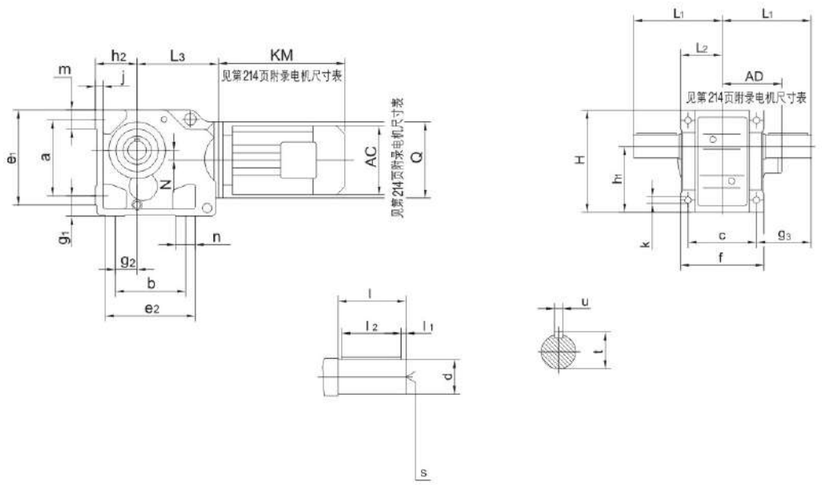




| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **32000** | | | | | | |
| | 3.5 | 423 | 150000 | K | 167 R97 | D160L4 |
| | 4.0 | 369 | 150000 | | | |
| | 4.6 | 318 | 150000 | K | 167 R107 | D180M4 |
| | 5.3 | 278 | 150000 | K | 167 R107 | D180L4 |
| | 6.0 | 244 | 150000 | | | |
| | 6.9 | 213 | 150000 | | | |
| | 7.1 | 206 | 150000 | K | 167 R107 | D200L4 |
| | 8.1 | 180 | 150000 | | | |
| | 9.2 | 160 | 150000 | K | 167 R107 | D225S4 |
| | 11 | 135 | 150000 | K | 167 R107 | D225M4 |
| | 12 | 118 | 150000 | | | |
| **50000** | 0.04 | 32625 | 189900 | | | |
| | 0.05 | 27165 | 189900 | | | |
| | 0.06 | 24353 | 189900 | K | 187 R97 | D80K4 |
| | 0.07 | 19144 | 189900 | | | |
| | 0.08 | 16978 | 189900 | | | |
| | 0.10 | 14272 | 189900 | | | |
| | 0.11 | 13116 | 189900 | K | 187 R97 | D80N4 |
| | 0.12 | 11647 | 189900 | | | |
| | 0.13 | 10413 | 189900 | | | |
| | 0.15 | 9363 | 189900 | K | 187 R97 | D90S4 |
| | 0.17 | 8126 | 189900 | | | |
| | 0.19 | 7343 | 189900 | | | |
| | 0.21 | 6747 | 189900 | K | 187 R97 | D90L4 |
| | 0.24 | 5991 | 189900 | | | |
| | 0.26 | 5358 | 189900 | | | |
| | 0.29 | 4817 | 189900 | K | 187 R97 | D100M4 |
| | 0.32 | 4370 | 189900 | | | |
| | 0.39 | 3609 | 189900 | K | 187 R97 | D100L4 |
| | 0.46 | 3062 | 189900 | | | |
| | 0.56 | 2519 | 189900 | | | |
| | 0.63 | 2268 | 189900 | K | 187 R97 | D112M4 |
| | 0.69 | 2054 | 189900 | | | |
| | 0.78 | 1821 | 189900 | K | 187 R97 | D132S4 |
| | 0.89 | 1605 | 189900 | | | |
| | 1.0 | 1395 | 189900 | K | 187 R97 | D132M4 |
| | 1.2 | 1196 | 189900 | | | |
| | 1.4 | 1046 | 189900 | K | 187 R97 | D132ML4 |
| | 1.5 | 945 | 189900 | | | |
| | 2.0 | 738 | 189900 | K | 187 R97 | D160L4 |
| | 2.3 | 621 | 189900 | | | |
| | 2.8 | 527 | 189900 | K | 187 R97 | D180M4 |

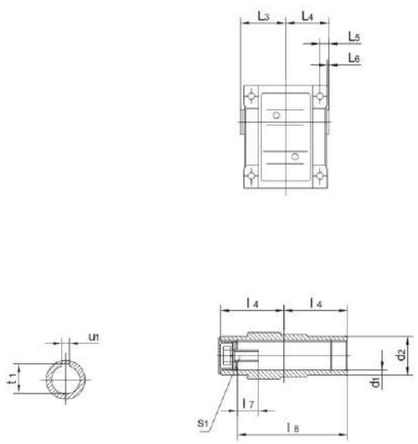
| 输出转矩 Output torque Ta [N·m] | 输出转速 Output speed $n_2$ [r/min] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 机型号 Model | | |
|---|---|---|---|---|---|---|
| **50000** | | | | | | |
| | 1.7 | 835 | 189900 | K | 187 R107 | D160M4 |
| | 2.0 | 729 | 189900 | K | 187 R107 | D160L4 |
| | 2.3 | 622 | 189900 | | | |
| | 2.8 | 520 | 189900 | K | 187 R107 | D180M4 |
| | 3.2 | 454 | 189900 | | | |
| | 4.1 | 355 | 189900 | K | 187 R107 | D200L4 |
| | 5.6 | 261 | 189900 | K | 187 R107 | D225S4 |
| | 6.6 | 221 | 189900 | | | |
| | 7.6 | 193 | 189900 | K | 187 R107 | D225M4 |
| | 9.0 | 163 | 189900 | | | |

## K37..~K157..



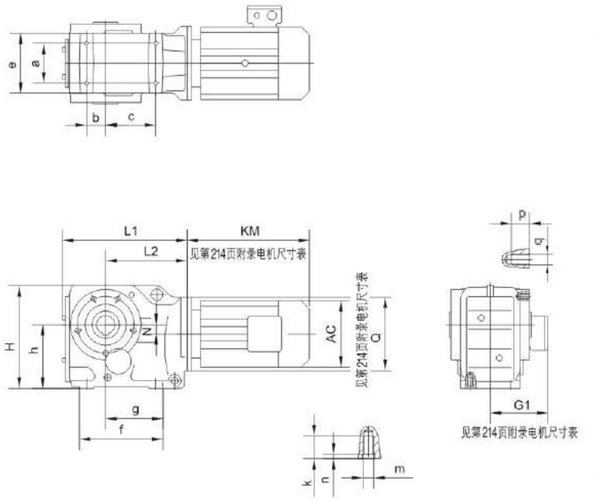

| 型号 size | a<br>b<br>c | e1<br>e2<br>f | g1<br>g2<br>g3 | h1<br>h2 | j | k | m<br>n | 轴伸尺寸 Shaft dimension | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | d | l | l1<br>l2 | S | t<br>u |
| K37.. | 115<br>110<br>100 | 150<br>143<br>120 | 32<br>28<br>60 | 100-0.5<br>63-0.5 | 16 | 11 | 37<br>38 | 25k6 | 50 | 5<br>40 | M10 | 28<br>8 |
| K47..<br>KA47B.. | 130<br>130<br>120 | 170<br>162<br>145 | 37<br>35<br>75 | 112-0.5<br>71-0.5 | 18 | 11 | 37<br>32 | 30k6 | 60 | 3.5<br>50 | M10 | 33<br>8 |
| K57..<br>KA57B.. | 150<br>130<br>130 | 190<br>172<br>157 | 45<br>30<br>88 | 132-0.5<br>80-0.5 | 21 | 13.5 | 43<br>40 | 35k6 | 70 | 7<br>56 | M12 | 38<br>10 |
| K67..<br>KA67B.. | 160<br>120<br>140 | 203<br>170<br>170 | 45<br>30<br>101 | 140-0.5<br>90-0.5 | 24 | 13.5 | 43<br>45 | 40k6 | 80 | 5<br>70 | M16 | 43<br>12 |
| K77..<br>KA77B.. | 200<br>150<br>165 | 263<br>208<br>200 | 55<br>40<br>123.5 | 180-0.5<br>112-0.5 | 27 | 17.5 | 55<br>55 | 50k6 | 100 | 10<br>80 | M16 | 53.5<br>14 |
| K87..<br>KA87B.. | 233<br>180<br>180 | 305<br>260<br>230 | 70<br>55<br>150 | 212-0.5<br>132-0.5 | 32 | 22 | 67<br>75 | 60m6 | 120 | 5<br>110 | M20 | 64<br>18 |
| K97..<br>KA97B.. | 295<br>240<br>240 | 372<br>294<br>290 | 75<br>75<br>171 | 265-1<br>160-0.5 | 36 | 26 | 82<br>60 | 70m6 | 140 | 7.5<br>125 | M20 | 74.5<br>20 |
| K107..<br>KA107B.. | 360<br>280<br>270 | 448<br>380<br>340 | 95<br>95<br>212 | 315-1<br>200-0.5 | 40 | 33 | 98<br>100 | 90m6 | 170 | 5<br>160 | M24 | 95<br>25 |
| K127..<br>KA127B.. | 420<br>350<br>330 | 526<br>440<br>400 | 110<br>115<br>253 | 375-1<br>225-0.5 | 45 | 39 | 111<br>100 | 110m6 | 210 | 15<br>180 | M24 | 116<br>28 |
| K157..<br>KA157B.. | 500<br>380<br>420 | 634<br>480<br>500 | 130<br>140<br>247 | 450-1<br>280-1 | 50 | 39 | 130<br>100 | 120m6 | 210 | 5<br>200 | M24 | 127<br>32 |

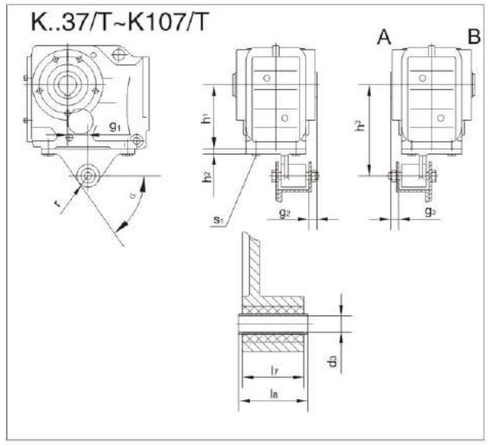
## KA37B..~KA157B..

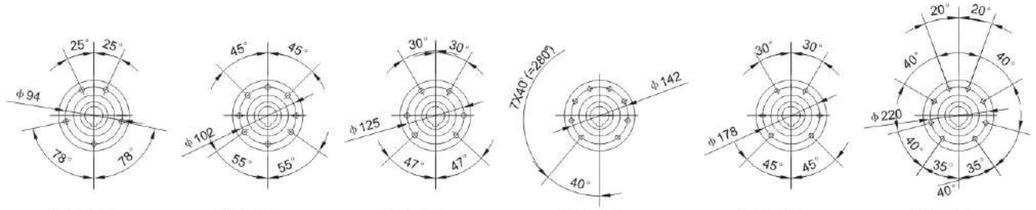



| 型号 size | 空心轴尺寸 hollow shaft dimention | | | | | | | H | L1<br>L2 | L3 | N | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d1 | d2 | l3<br>l4 | l5<br>l6 | l7<br>l8 | s1 | t1<br>u1 | | | | | |
| K37.. | - | - | - | - | - | - | - | 165 | 110<br>60 | 139 | 8.5 | 120 |
| K47..<br>KA47B.. | $35^{H7}$ | 50 | 78<br>75 | 15<br>3 | 22<br>132 | M12x30 | 38.3<br>10 | 185 | 135<br>72 | 166 | 7.2 | 160 |
| K57..<br>KA57B.. | $40^{H7}$ | 55 | 86<br>83 | 18<br>3 | 29<br>142 | M16x40 | 43.3<br>12 | 217 | 153<br>80 | 173 | 13.1 | 160 |
| K67..<br>KA67B.. | $40^{H7}$ | 55 | 93<br>90 | 20<br>3.5 | 29<br>156 | M16x40 | 43.3<br>12 | 228 | 171<br>86.5 | 179 | 20 | 160 |
| K77..<br>KA77B.. | $50^{H7}$ | 70 | 108<br>105 | 22.5<br>4 | 32<br>183 | M16x45 | 53.8<br>14 | 288 | 206<br>101 | 202 | 31.3 | 200 |
| K87..<br>KA87B.. | $60^{H7}$ | 85 | 123<br>120 | 30<br>4 | 36<br>210 | M20x50 | 64.4<br>18 | 340 | 240<br>116 | 257 | 25.9 | 250 |
| K97..<br>KA97B.. | $70^{H7}$ | 95 | 153<br>150 | 30<br>4 | 34<br>270 | M20x50 | 74.9<br>20 | 417 | 291<br>146 | 277 | 32.3 | 300 |
| K107..<br>KA107B.. | $90^{H7}$ | 118 | 178<br>175 | 40<br>2.5 | 40<br>313 | M24x60 | 95.4<br>25 | 503 | 347<br>175 | 341 | 52 | 350 |
| K127..<br>KA127B.. | $100^{H7}$ | 135 | 208<br>205 | 40<br>2.5 | 38<br>373 | M24x60 | 106.4<br>28 | 592 | 418<br>203 | 390 | 53 | 450 |
| K157..<br>KA157B.. | $120^{H7}$ | 155 | 253<br>250 | 40 | 36<br>460 | M24x60 | 127.4<br>32 | 705 | 457<br>250 | 426 | 71.7 | 550 |

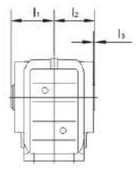
## KA37..~KA107

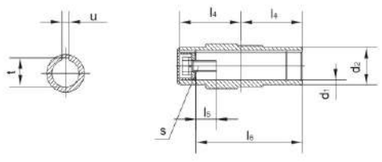


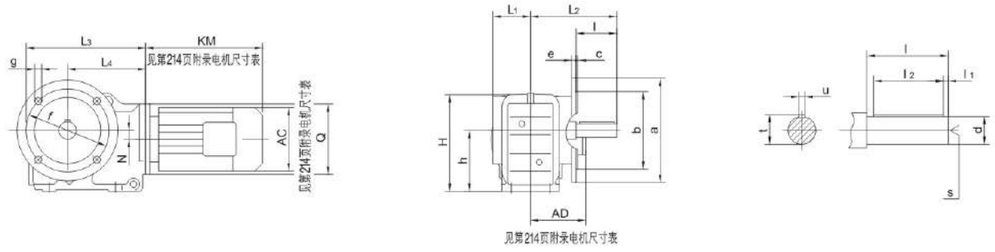

KA 37.. KA 47.. KA 57.. KA 67.. KA 77.. KA 87.. KA 97..



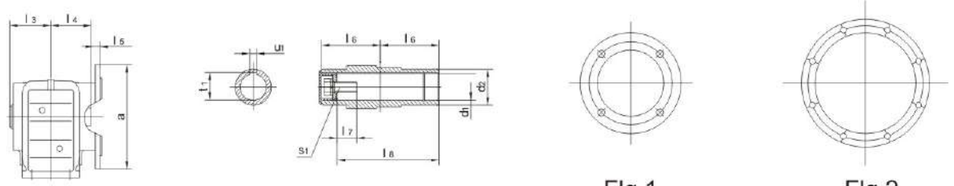




| 型号 size | a b c | e f g | h | k m n | p q | 空心轴尺寸 Hollow shaft dimenson | | | | 扭矩臂尺寸 Torque arm form | | | | H L1 L2 | N Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | $d_1$ $d_2$ | $l_1$ $l_2$ $l_3$ | l4 l5 l6 | s t u | $g_1$ $g_2$ $g_3$ | $h_1$ $h_2$ $h_3$ | $d_3$ $l_7$ $l_8$ | r $s_1$ ∝ | | |
| KA 37.. K..37/T.. | 60<br>35<br>82 | 100<br>147<br>97 | 100-0.5 | 20<br>M10<br>4 | 12<br>M8 | $30^{H7}$<br>45 | 63<br>60<br>2.5 | 60<br>17<br>105 | M10<br>33.3<br>8 | 23.5<br>20<br>20 | $100^{-0.5}$<br>10<br>$140^{+0.2}_{-0.7}$ | $10.4^{+0.1}$<br>31<br>$36^{-0.3}$ | 22.5<br>M10x25<br>60° | 164<br>210<br>139 | 8.5<br>120 |
| KA 47.. K..47/T.. | 70<br>40<br>100 | 110<br>170<br>115 | 112-0.5 | 20<br>M10<br>4 | 12<br>M8 | $35^{H7}$<br>50 | 78<br>75<br>3 | 75<br>22<br>132 | M12<br>38.3<br>10 | 30<br>20<br>20 | $112^{-0.5}$<br>12<br>$160^{+0.2}_{-0.7}$ | $10.4^{+0.1}$<br>31<br>$36^{-0.3}$ | 22.5<br>M10x30<br>55° | 185<br>243<br>166 | 7.2<br>160 |
| KA 57.. K..57/T.. | 88<br>47<br>105 | 122<br>182<br>120 | 132-0.5 | 25<br>M12<br>5 | 20<br>M12 | $40^{H7}$<br>55 | 86<br>83<br>3 | 83<br>29<br>142 | M16<br>43.3<br>12 | 40<br>18<br>18 | $132^{-0.5}$<br>13<br>$192^{+0.2}_{-0.7}$ | $16.4^{+0.08}$<br>54<br>$60^{-0.3}$ | 29<br>M12x35<br>55° | 215<br>269<br>173 | 13.1<br>160 |
| KA67.. K..67/T.. | 88<br>42<br>110 | 130<br>182<br>125 | 140-0.5 | 25<br>M12<br>5 | 20<br>M12 | $40^{H7}$<br>55 | 94<br>90<br>3.5 | 90<br>29<br>156 | M16<br>43.3<br>12 | 45<br>25<br>25 | $140^{-0.5}$<br>13<br>$200^{+0.2}_{-0.7}$ | $16.4^{+0.08}$<br>54<br>$60^{-0.3}$ | 29<br>M12x35<br>55° | 226<br>274<br>179 | 20<br>160 |
| KA 77.. K..77/T.. | 102<br>48<br>122 | 154<br>204<br>139 | 180-0.5 | 32<br>M16<br>6 | 20<br>M12 | $50^{H7}$<br>70 | 108<br>105<br>4 | 105<br>32<br>186 | M16<br>53.8<br>14 | 52.5<br>25<br>25 | $180^{-0.5}$<br>14<br>$250^{+0.2}_{-0.7}$ | $16.4^{+0.08}$<br>54<br>$60^{-0.3}$ | 29<br>M16x40<br>60° | 286<br>312<br>202 | 31.3<br>200 |
| KA 87.. K..87/T.. | 118<br>65<br>160 | 170<br>280<br>190 | 212-0.5 | 32<br>M16<br>6 | 26<br>M16 | $60^{H7}$<br>85 | 123<br>120<br>4 | 120<br>36<br>210 | M20<br>64.4<br>18 | 60<br>30<br>30 | $212^{-0.5}$<br>16<br>$300^{+0.2}_{-0.7}$ | $25^{+0.08}$<br>72<br>$80^{-0.3}$ | 41<br>M16x45<br>60° | 338<br>390<br>257 | 25.9<br>250 |
| KA 97.. K..97/T.. | 160<br>83<br>165 | 226<br>298<br>190 | 265-1 | 36<br>M20<br>6 | 26<br>M16 | $70^{H7}$<br>95 | 153<br>150<br>4 | 150<br>34<br>270 | M20<br>74.9<br>20 | 70<br>40<br>40 | 265-1<br>17<br>$350^{+0.2}_{-1.2}$ | $25^{+0.08}$<br>92<br>$100^{-0.3}$ | 41<br>M20x50<br>50° | 414<br>435<br>277 | 32.3<br>300 |
| KA 107.. K..107/T.. | 190<br>100<br>190 | 266<br>370<br>230 | 315-1 | 44<br>M24<br>8 | -<br>- | $90^{H7}$<br>118 | 178<br>175<br>2.5 | 175<br>40<br>313 | M24<br>95.4<br>25 | 74<br>45<br>45 | 315-1<br>20<br>$450^{+0.5}_{-1.5}$ | $25^{+0.08}$<br>92<br>$100^{-0.3}$ | 41<br>M24x60<br>55° | 500<br>537<br>341 | 52<br>350 |

## KF37..~KF157..




## KAF37..~KAF157..



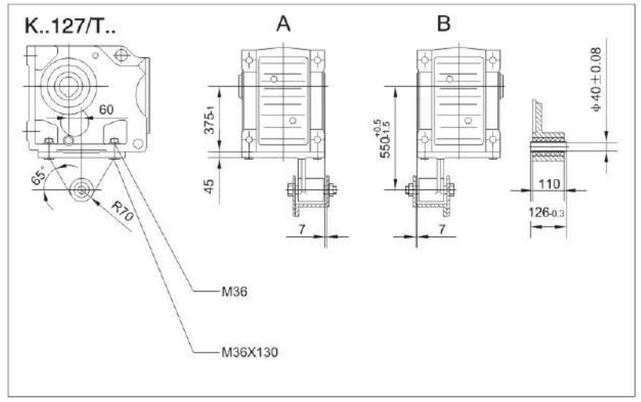

Flg.1 Flg.2

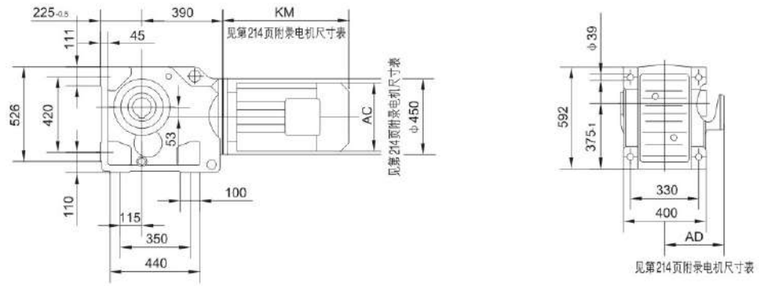
法兰型式
Flange form

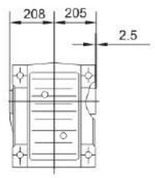
| 型号 Model | 法兰型式 Flange form | a<br>b | c<br>e | f<br>g<br>h | 轴伸尺寸 Shaft dimension<br>d<br>l | <br>l1<br>l2 | <br>S | <br>t<br>u | 空心轴尺寸 HollowShaft dimension<br>d1<br>d2 | <br>l3<br>l4<br>l5 | <br>l6<br>l7<br>l8 | <br>S1 | <br>t1<br>u1 | H | L1<br>L2<br>L3 | L4<br>N<br>Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KF37..<br>KAF37.. | Flg.1 | 160<br>110j6 | 3.5<br>10 | 130<br>9<br>100 | 25k6<br>50 | 5<br>40 | M10 | 28<br>8 | $30^{H7}$<br>45 | 63<br>60<br>24 | 60<br>17<br>105 | M10 × 25 | 33.3<br>8 | 164 | 57.5<br>134<br>210 | 139<br>8.5<br>120 |
| KF47..<br>KAF47.. | Flg.1 | 200<br>130j6 | 3.5<br>10 | 165<br>11<br>112 | 30k6<br>60 | 3.5<br>50 | M10 | 33<br>8 | $35^{H7}$<br>50 | 78<br>75<br>25 | 75<br>22<br>132 | M12 × 30 | 38.3<br>10 | 185 | 72<br>160<br>243 | 166<br>7.2<br>160 |
| KF57..<br>KAF57.. | Flg.1 | 250<br>180j6 | 4<br>15 | 215<br>13.5<br>132 | 35k6<br>70 | 7<br>56 | M12 | 38<br>10 | $40^{H7}$<br>55 | 86<br>83<br>23.5 | 83<br>29<br>142 | M16 × 40 | 43.3<br>12 | 215 | 80<br>177<br>269 | 173<br>13.1<br>160 |
| KF67..<br>KAF67.. | Flg.1 | 250<br>180j6 | 4<br>15 | 215<br>13.5<br>140 | 40k6<br>80 | 5<br>70 | M16 | 43<br>12 | $40^{H7}$<br>55 | 94<br>90<br>23 | 90<br>29<br>156 | M16 × 40 | 43.3<br>12 | 226 | 86.5<br>193<br>274 | 179<br>20<br>160 |
| KF77..<br>KAF77.. | Flg.1 | 300<br>230j6 | 4<br>16 | 265<br>13.5<br>180 | 50k6<br>100 | 80<br>10 | M16 | 53.5<br>14 | $50^{H7}$<br>70 | 108<br>105<br>37 | 105<br>32<br>183 | M16 × 45 | 53.8<br>14 | 286 | 101<br>242<br>312 | 202<br>31.3<br>200 |
| KF87..<br>KAF87.. | Flg.1 | 350<br>250h6 | 5<br>18 | 300<br>17.5<br>212 | 60m6<br>120 | 5<br>110 | M20 | 64<br>18 | $60^{H7}$<br>85 | 123<br>120<br>30 | 120<br>36<br>210 | M20 × 50 | 64.4<br>18 | 338 | 138<br>270<br>390 | 257<br>25.9<br>250 |
| KF97..<br>KAF97.. | Flg.2 | 450<br>350h6 | 5<br>22 | 400<br>17.5<br>265 | 70m6<br>140 | 7.5<br>125 | M20 | 74.5<br>20 | $70^{H7}$<br>95 | 153<br>150<br>41.5 | 150<br>34<br>270 | M20 × 50 | 74.9<br>20 | 414 | 171<br>332<br>435 | 277<br>32.3<br>300 |
| KF107..<br>KAF107.. | Flg.2 | 450<br>350h6 | 5<br>25 | 400<br>17.5<br>315 | 90m6<br>170 | 5<br>160 | M24 | 95<br>25 | $90^{H7}$<br>118 | 178<br>175<br>41 | 175<br>40<br>313 | M24 × 60 | 95.4<br>25 | 500 | 175<br>386<br>537 | 341<br>52<br>350 |
| KF127..<br>KAF127.. | Flg.2 | 550<br>450h6 | 5<br>22 | 500<br>17.5<br>375-1 | 110m6<br>210 | 15<br>180 | M24 | 116<br>28 | $100^{H7}$<br>135 | 208<br>205<br>51 | 205<br>38<br>373 | M24 × 60 | 106.4<br>28 | 592 | 203<br>466<br>615 | 390<br>53<br>450 |
| KF157..<br>KAF157.. | Flg.2 | 660<br>550h6 | 6<br>28 | 600<br>22<br>450-1 | 120m6<br>210 | 5<br>200 | M24 | 127<br>32 | $120^{H7}$<br>155 | 253<br>250<br>60 | 250<br>36<br>460 | M24 × 60 | 127.4<br>32 | 705 | 253<br>520<br>706 | 705<br>71.7<br>550 |

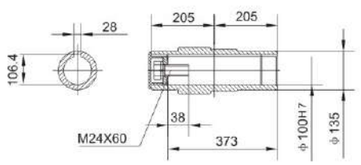


## KA127..



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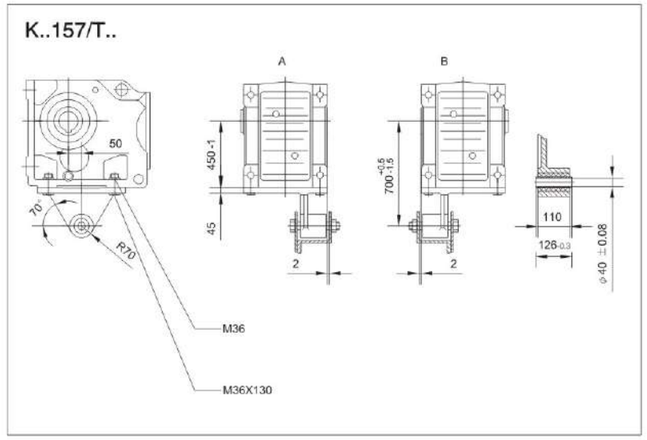
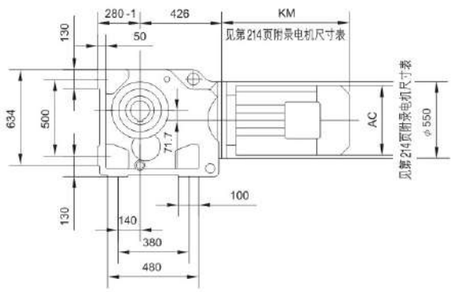
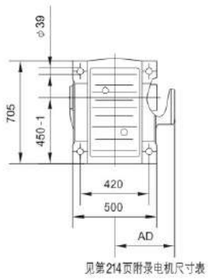
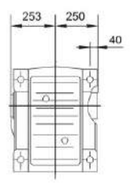
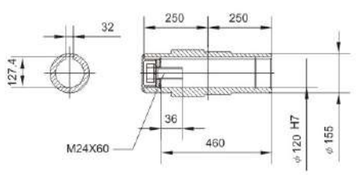

K..157/T..
A
B
50
70
R70
450-1
45
2
700-1.5
110
126-0.3
φ40 ±0.08
M36
M36X130

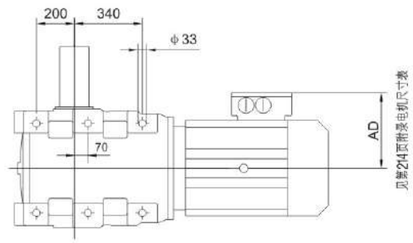

280 -1
426
KM
130
50
见第214页附录电机尺寸表
634
500
71.7
AC
φ550
见第214页附录电机尺寸表
130
100
140
380
480

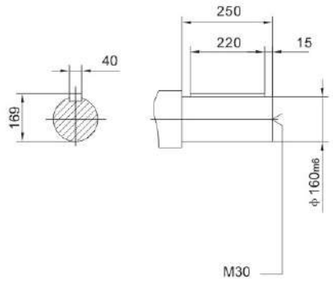

φ39
705
450-1
420
500
AD
见第214页附录电机尺寸表

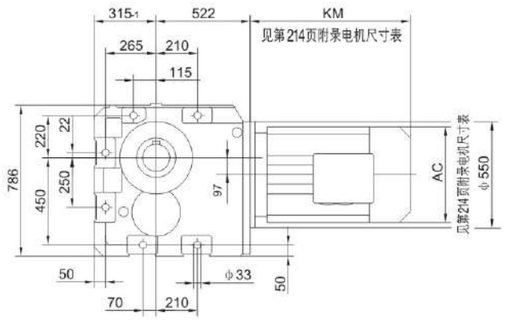

253
250
40

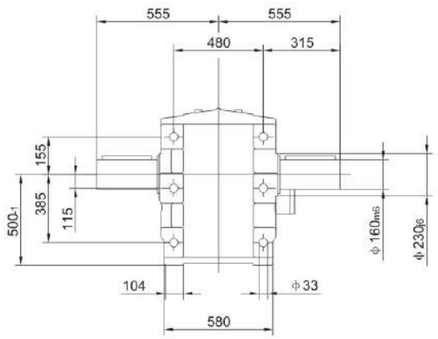

32
250
250
127.4
36
M24X60
460
φ120 H7
φ155

## K167..

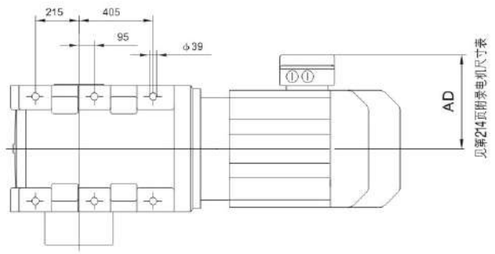

200
340
φ33
AD
见第214页附录电机尺寸表
70

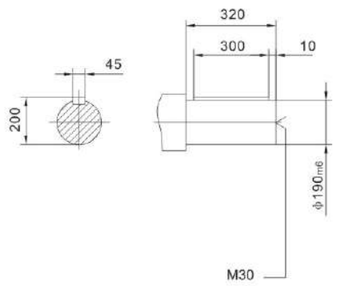

250
220
15
40
169
φ160m6
M30

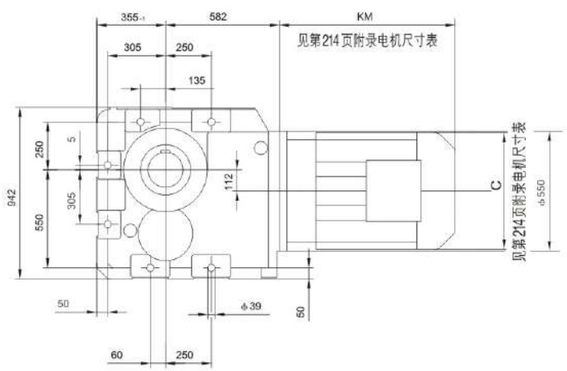

315-1
522
KM
见第214页附录电机尺寸表
265
210
115
220
22
250
450
786
97
AC
φ550
见第214页附录电机尺寸表
50
φ33
50
70
210

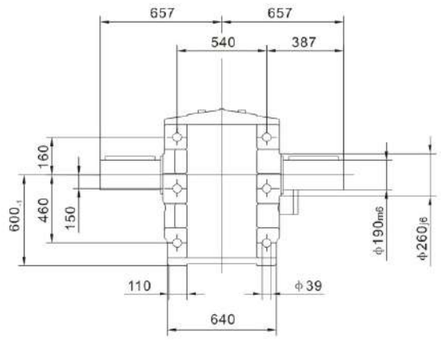

555
555
480
315
155
385
115
500-1
φ160m6
φ230j6
104
φ33
580

## K187..

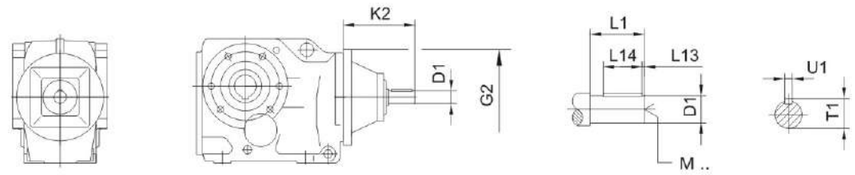



## K..AD..




| | | G2 | K2 | D1 | L1 | L13 | L14 | T1 | U1 | M |
|---|---|---|---|---|---|---|---|---|---|---|
| K..37 | AD1 | 120 | 102 | 16 | 40 | 4 | 32 | 18 | 5 | M5 |
| | AD2 | | 130 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| K..47<br>K..57<br>K..67 | AD2 | 160 | 123 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 159 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| K..77 | AD2 | 200 | 116 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 151 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| | AD4 | | 224 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| K..87 | AD2 | 250 | 111 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 165 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 219 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 292 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| K..97 | AD3 | 300 | 151 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 214 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 287 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 327 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| K..107 | AD3 | 350 | 145 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 208 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 281 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 321 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| K..127 | AD4 | 450 | 193 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 266 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 306 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 300 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| K..157<br>K..167<br>K..187 | AD5 | 550 | 258 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 298 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |
| | AD7 | | 292 | 55 | 110 | 10 | 90 | 59 | 16 | M20 |
| | AD8 | | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

## K..AM..

Fig.1

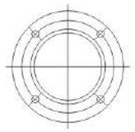
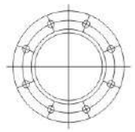
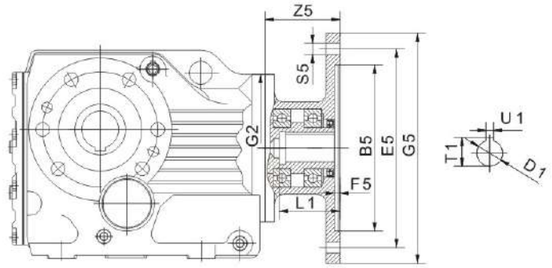


Fig.2






| | | Fig | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K..37 | AM63 | 1 | 95 | 115 | 3.5 | 120 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71[1)] | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80[1)] | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90[1)] | | | | | | | | | 24 | 50 | 27.3 | 8 |
| K..47<br>K..57<br>K..67 | AM63 | 1 | 95 | 115 | 3.5 | 160 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| K..77 | AM63 | 1 | 95 | 115 | 3.5 | 200 | 140 | M8 | 54 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| | AM132S[1)]<br>AM132M[1)] | | 230 | 265 | 5 | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML[1)] | | | | | | | | | | | | |
| K..87 | AM80 | 1 | 130 | 165 | 4.5 | 250 | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100 | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160[1)] | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180[1)] | | | | | | | | | 48 | | 51.8 | 14 |
| K..97 | AM100 | 1 | 180 | 215 | 5 | 300 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S<br>AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200[1)] | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225[1)] | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |



## K..AM..

Fig.1

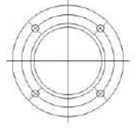
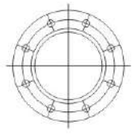
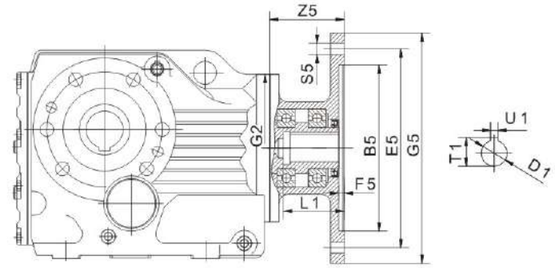


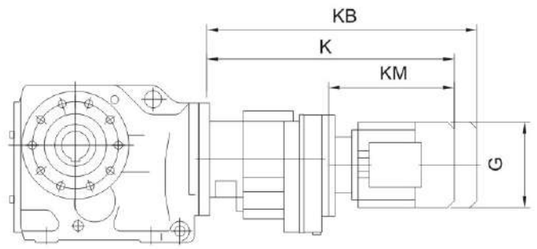
Fig.2






| | | Fig | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K..107 | AM100 | 1 | 180 | 215 | 5 | 350 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M | | | | | | | | | | | | |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| K..127 | AM132S | 1 | 230 | 265 | 5 | 450 | 300 | M12 | 92 | 38 | 80 | 41.3 | 10 |
| | AM132M | | | | | | | | | | | | |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 336 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |
| K..157<br>K..167<br>K..187 | AM160 | 1 | 250 | 300 | 6 | 550 | 350 | M16 | 124 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200 | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225 | 2 | 350 | 400 | | | 450 | | 254 | 60 | 140 | 64.4 | 18 |
| | AM250 | | 450 | 500 | | | 550 | | 328 | 65 | | 69.4 | |
| | AM280 | | | | | | | | | 75 | | 79.9 | 20 |

**K..R..**




| | | G | K | KB | KM |
|---|---|---|---|---|---|
| K..37R17 | D63.. | 155 | 368 | 425 | 193 |
| | D71D | 155 | 369 | 433 | 194 |
| | D80.. | 155 | 419 | 483 | 244 |
| K..47R17<br>K..67R37 | D63.. | 155 | 400 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| K..57R37 | D63.. | 155 | 410 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| | D90.. | 210 | 451 | 536 | 286 |
| K..77R37 | D63.. | 155 | 392 | 449 | 235 |
| | D71D | 155 | 393 | 457 | 236 |
| | D80.. | 155 | 443 | 507 | 286 |
| | D90.. | 210 | 443 | 528 | 286 |
| K..87R57 | D63.. | 155 | 445 | 502 | 229 |
| | D71D | 155 | 445 | 509 | 229 |
| | D80.. | 210 | 495 | 559 | 279 |
| | D90.. | 210 | 495 | 580 | 279 |
| | D100M | 210 | 545 | 630 | 329 |
| | D100L | 210 | 565 | 650 | 349 |
| K..97R57 | D63.. | 155 | 440 | 497 | 229 |
| | D71D | 155 | 440 | 504 | 229 |
| | D80.. | 155 | 490 | 554 | 279 |
| | D90.. | 210 | 490 | 575 | 279 |
| | D100M | 210 | 540 | 625 | 329 |
| | D100L | 210 | 560 | 645 | 349 |
| | D112M | 240 | 575 | 655 | 364 |
| K..107R77 | D63.. | 155 | 470 | 527 | 223 |
| | D71D | 155 | 470 | 534 | 223 |
| | D80.. | 155 | 520 | 584 | 273 |
| | D90.. | 210 | 518 | 603 | 271 |
| | D100M | 210 | 568 | 653 | 321 |
| | D100L | 210 | 588 | 673 | 341 |
| | D112M | 240 | 602 | 682 | 355 |
| | D132S | 240 | 647 | 727 | 400 |
| | D132M | 285 | 699 | 811 | 452 |
| | D132ML | 285 | 719 | 831 | 472 |
| | D160M | 330 | 749 | 861 | 512 |

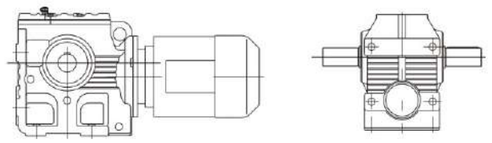
| | | G | K | KB | KM |
|---|---|---|---|---|---|
| K..127R77 | D63.. | 155 | 455 | 512 | 223 |
| | D71D | 155 | 455 | 519 | 223 |
| | D80.. | 155 | 505 | 569 | 273 |
| | D90.. | 210 | 503 | 588 | 271 |
| | D100M | 210 | 553 | 638 | 321 |
| | D100L | 210 | 573 | 658 | 341 |
| | D112M | 240 | 587 | 667 | 355 |
| | D132S | 240 | 632 | 712 | 400 |
| | D132M | 285 | 684 | 796 | 452 |
| | D132ML | 285 | 704 | 816 | 472 |
| | D160M | 330 | 734 | 846 | 502 |
| K..127R87 | D90.. | 210 | 547 | 632 | 267 |
| | D100M | 210 | 597 | 682 | 317 |
| | DV100L | 210 | 617 | 702 | 337 |
| | D112M | 240 | 630 | 710 | 350 |
| | D132S | 240 | 675 | 755 | 395 |
| | D132M | 285 | 727 | 839 | 447 |
| | D132ML | 285 | 747 | 859 | 467 |
| | D160M | 330 | 777 | 889 | 497 |
| | DV160L | 330 | 824 | 980 | 544 |
| | D180.. | 380 | 896 | 1052 | 616 |
| K..157R97<br><br>K167R97<br>KH167R97<br><br>K187R97<br>KH187R97 | D80.. | 155 | 586 | 650 | 261 |
| | D90.. | 210 | 586 | 671 | 261 |
| | D100M | 210 | 636 | 721 | 311 |
| | D100L | 210 | 656 | 741 | 331 |
| | D112M | 240 | 670 | 750 | 345 |
| | D132S | 240 | 715 | 795 | 390 |
| | D132M | 285 | 767 | 879 | 442 |
| | D132ML | 285 | 787 | 899 | 462 |
| | D160M | 330 | 817 | 929 | 492 |
| | D160L | 330 | 864 | 1020 | 539 |
| | D180.. | 380 | 936 | 1092 | 61 |
| | D200.. | 420 | 1024 | 1180 | 699 |
| K..157R107<br><br>K167R97<br>KH167R97<br><br>K187R97<br>KH187R97 | D100M | 210 | 687 | 772 | 305 |
| | D100L | 210 | 707 | 792 | 325 |
| | D112M | 240 | 721 | 801 | 339 |
| | D132S | 240 | 766 | 846 | 384 |
| | D132M | 285 | 818 | 930 | 436 |
| | D132ML | 285 | 838 | 950 | 456 |
| | D160M | 330 | 868 | 980 | 486 |
| | D160L | 330 | 915 | 1071 | 533 |
| | D180.. | 380 | 987 | 1143 | 605 |
| | D200.. | 420 | 1075 | 1231 | 693 |
| | D225.. | 470 | 1107 | 1263 | 725 |



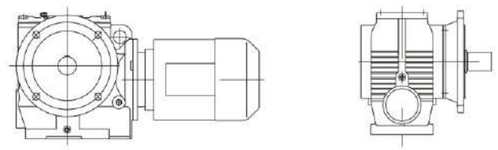
# 8.S系列斜齿轮 — 蜗轮蜗杆减速机 S Helical – Worm Geared Motor

## 8.1 设计方案
## 8.1 Versions of geared motors

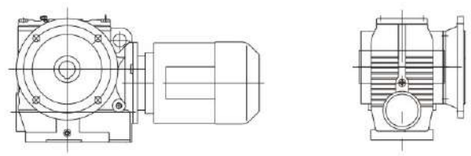
斜齿轮 — 蜗论蜗杆齿轮减速电机有以下设计方案：
The following types of helical – worm gearmotor can be supplied:



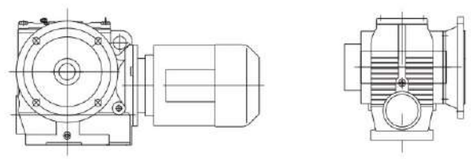
S..
底脚安装斜齿轮—蜗轮蜗杆齿轮减速机
Foot – mounted helical – worm gearmotor



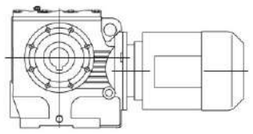
SF..
法兰安装斜齿轮—蜗轮蜗杆齿轮减速机
Helical – worm gearmotor flange – mounted version.

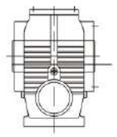


AF..
B5 法兰空心轴安装斜齿轮—蜗轮蜗杆齿轮减速机
Helical – worm gearmotor in B5 flange – mounted version with hollow shaft.

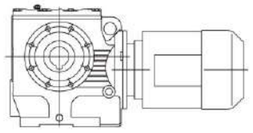


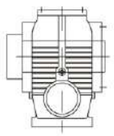
SHF..
B5 法兰空心轴锁紧盘安装斜齿轮—蜗轮蜗杆齿轮减速机
Helical – worm gearmotor in B5 flange – mounted version with hollow shaft and shrink disk.



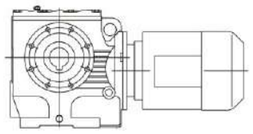


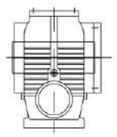
SA..
空心轴安装斜齿轮–蜗轮蜗杆齿轮减速机
Helical – worm gearmotor with hollow shaft.



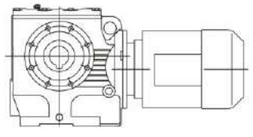


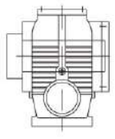
SH..
空心轴锁紧盘安装斜齿轮–蜗轮蜗杆齿轮减速机
Helical – worm gearmotor with hollow shaft and shrink disk.





AZ..
B14 法兰空心轴安装斜齿轮–蜗轮蜗杆齿轮减速机
Helical – worm gearmotor in B14 flange – mounted version with hollow shaft.





HZ..
B14 法兰空心轴锁紧盘安装斜齿轮–蜗轮蜗杆齿轮减速机
Helical – worm gearmotor in B14 flange – mounted version with hollow shaft and shrink disk.



## 8.2 可行的组合方式
## 8.2 Type of Combination

以下是斜齿轮蜗杆减速与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electro motor in each list the ratio range.

| 减速器型号<br>Gear unit size | 级<br>Stages | D63<br>D71 | D80 | D90 | D100 | D112 | D132S | D132M |
|---|---|---|---|---|---|---|---|---|
| S/SF/SA/SAF37 | 2 | 6.80-18.24<br>19.89-51.30<br>55.93-157.43 | 6.80-15.53<br>19.13<br>22.50-43.68<br>53.83<br>63.33-122.94 | 6.80-13.39<br>19.13<br>22.50-37.66<br>53.83<br>63.33-106.00 | | | | |
| S/SF/SA/SAF47 | 2 | 7.28-17.62<br>20.33-54.59<br>63.80-201.00 | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12 | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05 | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73 | | | |
| S/SF/SA/SAF57 | 2 | 7.28-17.62<br>20.33-54.59<br>63.80-201.00 | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12 | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05 | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73 | | | |
| S/SF/SA/SAF67 | 2 | 11.03-17.28<br>20.37-23.22<br>24.44<br>29.63-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41 | 8.69-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41 | 7.56-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>78.00-190.1 | 7.56-17.28<br>20.37<br>23.33<br>26.93-54.70<br>67.57<br>78.00-158.45 | 7.56-20.30<br>23.33<br>26.93-46.40<br>58.80<br>67.57<br>78.00-134.40 | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 |
| S/SF/SA/SAF77 | 2 | 15.28-18.42<br>20.99<br>22.89<br>35.94-53.87<br>63.03<br>71.33-75.09<br>107.83-256.47 | 12.07-18.42<br>20.99<br>22.89<br>28.41-53.87<br>63.03<br>71.33-75.09<br>85.22-256.47 | 8.06-18.42<br>20.99<br>22.89-75.09<br>85.22-225.26 | 8.06-18.42<br>20.99<br>22.89-66.67<br>75.20-189.09 | 8.06-18.42<br>20.99<br>22.89-56.92<br>66.67<br>75.20-161.60 | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00 | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00 |
| S/SF/SA/SAF87 | 2 | | 17.49-19.70<br>21.43<br>25.50<br>39.10-57.00<br>64.27-70.43<br>81.76<br>91.20 | 12.21-19.70<br>21.43<br>25.50-57.00<br>64.27-70.43<br>81.76-288.00 | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-86.15<br>99.26-258.18 | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-77.14<br>86.15<br>99.26-222.40 | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00 | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00 |
| S/SF/SA/SAF97 | 2 | | 23.59<br>26.39<br>49.87-60.59<br>71.43<br>80.85<br>161.74-286.40 | 17.05-23.59<br>26.39<br>36.05-60.59<br>71.43<br>80.85<br>116.92-286.40 | 13.07-23.859<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40 | 13.07-23.59<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40 | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67 | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67 |

| 减速器型号<br>Gear unit size | 级<br>Stages | D132ML | D160M | D160L | D180 | | | |
|---|---|---|---|---|---|---|---|---|
| S/SF/SA/SAF77 | 2 | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14 | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14 | | | | | |
| S/SF/SA/SAF87 | 2 | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-15.64<br>20.27<br>24.43<br>27.28-34.96<br>64.00<br>77.14<br>86.15<br>99.26-110.40 | | | |
| S/SF/SA/SAF97 | 2 | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95 | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95 | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95 | 8.26-21.23<br>24.13<br>27.63-44.89<br>65.45<br>78.26<br>89.60-145.60 | | | |

## 8.3 速比与最大扭矩
## 8.3 Ratio and Max. Torque
## S 37-57 $n_e$=1400 1/min

| S37 | | | | 90Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 157.43 | 8.9 | 92 | 3000 | |
| 144.40 | 9.7 | 92 | 3000 | |
| 122.94 | 11 | 91 | 3000 | |
| 106.00 | 13 | 88 | 3000 | |
| 98.80 | 14 | 87 | 3000 | $AD_1$ |
| 86.36 | 16 | 86 | 3000 | |
| 80.96 | 17 | 85 | 3000 | |
| 71.44 | 20 | 84 | 3000 | |
| 63.33 | 22 | 82 | 3000 | |
| 55.93 | 25 | 81 | 3000 | |
| 53.83 | 26 | 80 | 3000 | $AD_2$ |
| 51.30 | 27 | 81 | 3000 | |
| 43.68 | 32 | 81 | 3000 | |
| 37.66 | 37 | 79 | 3000 | |
| 35.10 | 40 | 78 | 3000 | $AD_1$ |
| 30.68 | 46 | 76 | 2870 | |
| 28.76 | 49 | 75 | 2800 | |
| 25.38 | 55 | 74 | 2660 | |
| 22.50 | 62 | 73 | 2530 | |
| 19.89 ※ | 70 | 52 | 2470 | |
| 19.13 | 73 | 71 | 2380 | $AD_2$ |
| 18.24 ※ | 77 | 52 | 2380 | $AD_1$ |
| 15.53 ※ | 90 | 50 | 2240 | |
| 13.39 ※ | 105 | 49 | 2110 | |
| 12.48 ※ | 112 | 48 | 2060 | |
| 10.91 ※ | 128 | 48 | 1940 | |
| 10.23 ※ | 137 | 47 | 1900 | $AD_2$ |
| 9.02 ※ | 155 | 46 | 1810 | |
| 8.00 ※ | 175 | 45 | 1730 | |
| 6.80 ※ | 206 | 43 | 1630 | |

| S47 | | | | 170Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 201.00 | 7.0 | 170 | 5340 | |
| 184.80 | 7.6 | 170 | 5340 | |
| 158.12 | 8.9 | 170 | 5340 | |
| 137.05 | 10 | 168 | 5350 | |
| 128.10 | 11 | 168 | 5350 | |
| 110.73 | 13 | 168 | 5350 | $AD_1$ |
| 94.08 | 15 | 168 | 5350 | |
| 84.00 | 17 | 167 | 5360 | |
| 71.75 | 20 | 167 | 5360 | |
| 69.39 | 20 | 155 | 5370 | |
| 67.20 | 21 | 167 | 5360 | |
| 63.80 | 22 | 155 | 5370 | |
| 56.61 | 25 | 165 | 5320 | $AD_2$ |
| 54.59 | 26 | 155 | 5150 | |
| 47.32 | 30 | 155 | 4850 | $AD_1$ |
| 44.22 | 32 | 155 | 4710 | |
| 38.23 | 37 | 155 | 4430 | |
| 32.48 | 43 | 155 | 4120 | |
| 29.00 | 48 | 155 | 3920 | |
| 24.77 | 57 | 155 | 3650 | |
| 23.20 | 60 | 152 | 3570 | |
| 20.33 ※ | 69 | 110 | 3370 | |
| 19.54 | 72 | 144 | 3370 | $AD_2$ |
| 17.62 ※ | 79 | 110 | 3160 | |
| 16.47 ※ | 85 | 110 | 3060 | |
| 14.24 ※ | 98 | 110 | 2850 | |
| 12.10 ※ | 116 | 109 | 2650 | |
| 10.80 ※ | 130 | 109 | 2500 | |
| 9.23 ※ | 152 | 109 | 2310 | |
| 8.64 ※ | 162 | 109 | 2230 | |
| 7.28 ※ | 192 | 103 | 2110 | |

| S57 | | | | 300Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 201.00 | 7.0 | 295 | 7130 | |
| 184.80 | 7.6 | 295 | 7130 | |
| 158.12 | 8.9 | 295 | 7130 | |
| 137.05 | 10 | 295 | 7130 | $AD_1$ |
| 128.10 | 11 | 295 | 7130 | |
| 110.73 | 13 | 295 | 7130 | |
| 94.08 | 15 | 295 | 7130 | |
| 84.00 | 17 | 295 | 7130 | |
| 71.75 | 20 | 290 | 7170 | |
| 69.39 | 20 | 245 | 7520 | |
| 67.20 | 21 | 285 | 7220 | |
| 63.80 | 22 | 245 | 7520 | |
| 56.61 | 25 | 265 | 7370 | |
| 54.59 | 26 | 245 | 7520 | |
| 47.32 | 30 | 245 | 7520 | |
| 44.22 | 32 | 245 | 7520 | |
| 38.23 | 37 | 245 | 7320 | |
| 32.48 | 43 | 245 | 6840 | |
| 29.00 | 48 | 245 | 6520 | $AD_2$ |
| 24.77 | 57 | 245 | 6100 | |
| 23.20 | 60 | 245 | 5930 | |
| 20.33 ※ | 69 | 168 | 5690 | |
| 19.54 | 72 | 215 | 5720 | |
| 17.62 ※ | 79 | 168 | 5350 | |
| 16.47 ※ | 85 | 168 | 5200 | |
| 14.24 ※ | 98 | 169 | 4860 | |
| 12.10 ※ | 116 | 169 | 4520 | |
| 10.80 ※ | 130 | 169 | 4290 | |
| 9.23 ※ | 152 | 169 | 3990 | |
| 8.64 ※ | 162 | 166 | 3900 | |
| 7.28 ※ | 192 | 146 | 3790 | |

注：带※速比产品在改进中，订货前需沟通

## S 67-87 $n_e$=1400 1/min

| S67 | | | | 520Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 217.41 | 6.4 | 520 | 8680 | |
| 190.11 | 7.4 | 520 | 8680 | |
| 180.60 | 7.8 | 520 | 8680 | |
| 158.45 | 8.8 | 520 | 8680 | |
| 134.40 | 10 | 520 | 8680 | |
| 121.33 | 12 | 520 | 8680 | |
| 106.75 | 13 | 520 | 8680 | $AD_2$ |
| 100.80 | 14 | 520 | 8680 | |
| 85.83 | 16 | 520 | 8680 | |
| 78.00 | 18 | 520 | 8680 | |
| 75.06 | 19 | 480 | 9020 | |
| 67.57 | 21 | 520 | 8680 | |
| 65.63 | 21 | 480 | 9020 | |
| 62.35 | 22 | 480 | 9020 | |
| 58.80 | 24 | 500 | 8850 | $AD_3$ |
| 54.70 | 26 | 480 | 8670 | |
| 46.40 | 30 | 480 | 8060 | |
| 41.89 | 33 | 480 | 7690 | |
| 36.85 | 38 | 480 | 7250 | |
| 34.80 | 40 | 480 | 7060 | |
| 29.63 | 47 | 480 | 6540 | $AD_2$ |
| 26.93 | 52 | 480 | 6240 | |
| 24.44 | 57 | 340 | 6040 | |
| 23.33 | 60 | 480 | 5810 | |
| 23.22 ※ | 60 | 340 | 5890 | |
| 20.37 ※ | 69 | 340 | 5520 | |
| 20.30 | 69 | 425 | 5760 | $AD_3$ |
| 17.28 ※ | 81 | 340 | 5080 | |
| 15.60 ※ | 90 | 340 | 4820 | $AD_2$ |
| 13.73 ※ | 102 | 340 | 4510 | |
| 12.96 ※ | 108 | 340 | 4310 | |
| 11.03 ※ | 127 | 340 | 3660 | |
| 10.03 ※ | 140 | 340 | 3290 | $AD_2$ |
| 8.69 ※ | 161 | 335 | 2860 | |
| 7.56 ※ | 185 | 295 | 3220 | |

| S77 | | | | 1270Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 256.47 | 5.5 | 1270 | 11800 | |
| 225.26 | 6.2 | 1270 | 11800 | |
| 214.00 | 6.5 | 1270 | 11800 | |
| 189.09 | 7.4 | 1270 | 11800 | |
| 161.60 | 8.7 | 1260 | 11900 | |
| 148.15 | 9.4 | 1240 | 12000 | |
| 130.00 | 11 | 1210 | 12300 | |
| 123.20 | 11 | 1200 | 12400 | |
| 107.83 | 13 | 1170 | 12600 | |
| 97.14 | 14 | 1140 | 12900 | $AD_2$ |
| 85.22 | 16 | 1100 | 13200 | |
| 75.20 | 19 | 1070 | 13400 | |
| 75.09 | 19 | 1100 | 13200 | |
| 71.33 | 20 | 1100 | 13200 | |
| 66.67 | 21 | 1040 | 13600 | |
| 63.03 | 22 | 1100 | 12800 | |
| 56.92 | 25 | 990 | 13300 | |
| 53.87 | 26 | 1100 | 11900 | |
| 49.38 | 28 | 1100 | 11500 | |
| 43.33 | 32 | 1100 | 10800 | |
| 41.07 | 34 | 1100 | 10500 | |
| 35.94 | 39 | 1100 | 9850 | |
| 32.38 | 43 | 1090 | 9400 | |
| 28.41 | 49 | 1050 | 8970 | |
| 25.07 | 56 | 1020 | 8550 | |
| 22.89 ※ | 61 | 705 | 7440 | |
| 22.22 | 63 | 980 | 8220 | |
| 20.99 ※ | 67 | 705 | 6820 | $AD_3$ |
| 18.97 | 74 | 930 | 7800 | |
| 18.42 ※ | 76 | 705 | 5920 | |
| 17.45 ※ | 80 | 710 | 5470 | |
| 15.28 ※ | 92 | 710 | 4610 | |
| 13.76 ※ | 102 | 710 | 3960 | |
| 12.07 ※ | 116 | 720 | 3000 | |
| 10.65 ※ | 131 | 720 | 2280 | |
| 9.44 ※ | 148 | 725 | 1040 | $AD_4$ |
| 8.06 ※ | 174 | 680 | 1160 | |

| S87 | | | | 2280Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 288.00 | 4.9 | 2280 | 27900 | |
| 258.18 | 5.4 | 2280 | 27900 | |
| 222.40 | 6.3 | 2280 | 27900 | |
| 202.96 | 6.9 | 2260 | 28000 | |
| 180.00 | 7.8 | 2210 | 28100 | |
| 151.30 | 9.3 | 2150 | 28200 | |
| 139.05 | 10 | 2100 | 28300 | |
| 123.48 | 11 | 2060 | 28300 | $AD_2$ |
| 110.40 | 13 | 2000 | 28400 | |
| 99.26 | 14 | 1960 | 28500 | |
| 91.20 | 15 | 1510 | 29100 | |
| 86.15 | 16 | 1880 | 28600 | |
| 81.76 | 17 | 1600 | 29000 | |
| 77.14 | 18 | 1820 | 28700 | |
| 70.43 | 20 | 1600 | 29000 | |
| 64.27 | 22 | 1600 | 29000 | |
| 64.00 | 22 | 1700 | 28900 | $AD_3$ |
| 57.00 | 25 | 1600 | 29000 | $AD_2$ |
| 47.91 | 29 | 1600 | 29000 | |
| 44.03 | 32 | 1600 | 29000 | |
| 39.10 | 36 | 1600 | 28200 | $AD_3$ |
| 34.96 | 40 | 1600 | 27100 | |
| 31.43 | 45 | 1600 | 26000 | |
| 27.28 | 51 | 1600 | 24700 | |
| 25.50 ※ | 55 | 1240 | 23400 | |
| 24.43 | 57 | 1600 | 23700 | |
| 21.43 ※ | 65 | 1240 | 21800 | |
| 20.27 | 69 | 1600 | 22100 | |
| 19.70 ※ | 71 | 1240 | 21100 | |
| 17.49 ※ | 80 | 1240 | 20200 | $AD_4$ |
| 15.64 ※ | 90 | 1240 | 19300 | |
| 14.06 ※ | 100 | 1240 | 18500 | |
| 12.21 ※ | 115 | 1240 | 17400 | |
| 10.93 ※ | 128 | 1240 | 16600 | |
| 9.07 ※ | 154 | 1140 | 15900 | |
| 7.88 ※ | 178 | 1010 | 15700 | |

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## S 97, S 37/47R17 $n_e$=1400 1/min

| S97 | | | | 4000Nm |
|---|---|---|---|---|
| i | $n_a$ [1/min] | $M_{amax}$ [Nm] | $F_{Ra}$ [N] | AD |
| 286.40 | 4.9 | 4000 | 36300 | |
| 262.22 | 5.3 | 4000 | 36300 | |
| 231.67 | 6.0 | 4000 | 36300 | |
| 196.52 | 7.1 | 4000 | 36300 | |
| 180.95 | 7.7 | 3920 | 36500 | |
| 161.74 | 8.7 | 3840 | 36600 | |
| 145.60 | 9.6 | 3730 | 36800 | $AD_3$ |
| 131.85 | 11 | 3650 | 37000 | |
| 116.92 | 12 | 3510 | 37200 | |
| 105.71 | 13 | 3440 | 37300 | |
| 89.60 | 16 | 3240 | 37600 | |
| 80.85 | 17 | 3230 | 37600 | |
| 78.26 | 18 | 3080 | 37900 | |
| 71.43 | 20 | 3300 | 37500 | $AD_4$ |
| 65.45 | 21 | 2900 | 38100 | $AD_3$ |
| 60.59 | 23 | 3300 | 37500 | |
| 55.79 | 25 | 3300 | 37100 | |
| 49.87 | 28 | 3300 | 35600 | |
| 44.89 | 31 | 3300 | 34100 | $AD_4$ |
| 40.65 | 34 | 3300 | 32800 | |
| 36.05 | 39 | 3300 | 31300 | |
| 32.60 | 43 | 3200 | 30400 | |
| 27.63 | 51 | 3010 | 29000 | $AD_5$ |
| 26.39 ※ | 53 | 2600 | 26100 | $AD_4$ |
| 24.13 | 58 | 2870 | 28000 | |
| 23.59 ※ | 59 | 2600 | 24900 | |
| 21.23 ※ | 66 | 2600 | 23700 | |
| 19.23 ※ | 73 | 2600 | 22700 | |
| 17.05 ※ | 82 | 2570 | 21100 | $AD_5$ |
| 15.42 ※ | 91 | 2470 | 20800 | |
| 13.07 ※ | 107 | 2330 | 20100 | |
| 11.41 ※ | 123 | 2210 | 19500 | |
| 9.55 ※ | 147 | 2040 | 18800 | |
| 8.26 ※ | 169 | 1770 | 18800 | |

| S37R17 | | | | 90Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S37 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 10037 | 0.14 | 2 | 3 | 92 | 3000 |
| 8654 | 0.16 | 2 | 3 | 92 | 3000 |
| 8066 | 0.17 | 2 | 3 | 92 | 3000 |
| 7051 | 0.20 | 2 | 3 | 92 | 3000 |
| 6079 | 0.23 | 2 | 3 | 92 | 3000 |
| 5431 | 0.26 | 2 | 3 | 92 | 3000 |
| 4747 | 0.29 | 2 | 3 | 92 | 3000 |
| 4155 | 0.34 | 2 | 3 | 92 | 3000 |
| 3632 | 0.39 | 2 | 3 | 92 | 3000 |
| 2866 | 0.49 | 2 | 3 | 92 | 3000 |
| 2471 | 0.57 | 2 | 3 | 92 | 3000 |
| 2160 | 0.65 | 2 | 3 | 92 | 3000 |
| 1887 | 0.74 | 2 | 3 | 92 | 3000 |
| 1665 | 0.84 | 2 | 3 | 92 | 3000 |
| 1456 | 0.96 | 2 | 3 | 92 | 3000 |
| 1271 | 1.1 | 2 | 3 | 92 | 3000 |
| 1121 | 1.2 | 2 | 3 | 92 | 3000 |
| 994 | 1.4 | 2 | 3 | 92 | 3000 |
| 869 | 1.6 | 2 | 3 | 92 | 3000 |
| 774 | 1.8 | 2 | 2 | 92 | 3000 |
| 666 | 2.1 | 2 | 2 | 92 | 3000 |
| 596 | 2.3 | 2 | 2 | 92 | 3000 |
| 521 | 2.7 | 2 | 2 | 92 | 3000 |
| 456 | 3.1 | 2 | 2 | 92 | 3000 |
| 398 | 3.5 | 2 | 2 | 92 | 3000 |
| 351 | 4.0 | 2 | 2 | 92 | 3000 |
| 303 | 4.6 | 2 | 2 | 92 | 3000 |
| 265 | 5.3 | 2 | 2 | 92 | 3000 |
| 232 | 6.0 | 2 | 2 | 92 | 3000 |
| 202 | 6.9 | 2 | 2 | 92 | 3000 |
| 179 | 7.8 | 2 | 2 | 92 | 3000 |
| 158 | 8.9 | 2 | 2 | 92 | 3000 |
| 144 | 9.7 | 2 | 2 | 92 | 3000 |
| 118 | 12 | 2 | 2 | 92 | 3000 |
| 110 | 13 | 2 | 2 | 92 | 3000 |

| S47R17 | | | | 185Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S47 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 12909 | 0.11 | 2 | 3 | 185 | 5250 |
| 11189 | 0.13 | 2 | 3 | 185 | 5250 |
| 10374 | 0.13 | 2 | 3 | 185 | 5250 |
| 8992 | 0.16 | 2 | 3 | 185 | 5250 |
| 7860 | 0.18 | 2 | 3 | 185 | 5250 |
| 6887 | 0.20 | 2 | 3 | 185 | 5250 |
| 6055 | 0.23 | 2 | 3 | 185 | 5250 |
| 5292 | 0.26 | 2 | 3 | 185 | 5250 |
| 4637 | 0.30 | 2 | 3 | 185 | 5250 |
| 4092 | 0.34 | 2 | 3 | 185 | 5250 |
| 3582 | 0.39 | 2 | 3 | 185 | 5200 |
| 3131 | 0.45 | 2 | 3 | 185 | 5200 |
| 2714 | 0.52 | 2 | 3 | 185 | 5200 |
| 2412 | 0.58 | 2 | 3 | 185 | 5200 |
| 2131 | 0.66 | 2 | 3 | 185 | 5200 |
| 1863 | 0.75 | 2 | 3 | 185 | 5200 |
| 1663 | 0.84 | 2 | 3 | 185 | 5200 |
| 1435 | 0.98 | 2 | 3 | 185 | 5200 |
| 1254 | 1.1 | 2 | 3 | 185 | 5200 |
| 1120 | 1.2 | 2 | 3 | 185 | 5200 |
| 1083 | 1.3 | 2 | 3 | 185 | 5200 |
| 965 | 1.5 | 2 | 3 | 185 | 5200 |
| 956 | 1.5 | 2 | 3 | 185 | 5210 |
| 865 | 1.6 | 2 | 2 | 185 | 5200 |
| 750 | 1.9 | 2 | 2 | 185 | 5200 |
| 655 | 2.1 | 2 | 2 | 185 | 5200 |
| 574 | 2.4 | 2 | 2 | 185 | 5200 |
| 506 | 2.8 | 2 | 2 | 185 | 5200 |
| 438 | 3.2 | 2 | 2 | 185 | 5200 |
| 388 | 3.6 | 2 | 2 | 185 | 5200 |
| 336 | 4.2 | 2 | 2 | 185 | 5200 |
| 294 | 4.8 | 2 | 2 | 185 | 5200 |
| 257 | 5.4 | 2 | 2 | 185 | 5260 |
| 229 | 6.1 | 2 | 2 | 185 | 5200 |
| 200 | 7.0 | 2 | 2 | 185 | 5200 |
| 187 | 7.5 | 2 | 2 | 185 | 5200 |
| 165 | 8.5 | 2 | 2 | 185 | 5200 |
| 148 | 9.5 | 2 | 2 | 185 | 5200 |
| 131 | 11 | 2 | 2 | 185 | 5200 |

注：带※速比产品在改进中，订货前需沟通

## S 57R17, S 67/77R37 $n_e$=1400 1/min

| S57R17 | | | | 300Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S57 | Stage R17 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 12909 | 0.11 | 2 | 3 | 330 | 6800 |
| 11189 | 0.13 | 2 | 3 | 330 | 6800 |
| 10374 | 0.13 | 2 | 3 | 330 | 6800 |
| 8992 | 0.16 | 2 | 3 | 330 | 6800 |
| 7860 | 0.18 | 2 | 3 | 330 | 6800 |
| 6887 | 0.20 | 2 | 3 | 330 | 6800 |
| 6055 | 0.23 | 2 | 3 | 330 | 6800 |
| 5292 | 0.26 | 2 | 3 | 330 | 6800 |
| 4637 | 0.30 | 2 | 3 | 330 | 6800 |
| 4092 | 0.34 | 2 | 3 | 330 | 6800 |
| 3628 | 0.39 | 2 | 3 | 330 | 6800 |
| 3131 | 0.45 | 2 | 3 | 300 | 7090 |
| 2714 | 0.52 | 2 | 3 | 300 | 7090 |
| 2412 | 0.58 | 2 | 3 | 300 | 7090 |
| 2131 | 0.66 | 2 | 3 | 300 | 7090 |
| 1863 | 0.75 | 2 | 3 | 300 | 7090 |
| 1663 | 0.84 | 2 | 3 | 300 | 7090 |
| 1435 | 0.98 | 2 | 3 | 300 | 7090 |
| 1254 | 1.1 | 2 | 3 | 300 | 7090 |
| 1083 | 1.3 | 2 | 3 | 300 | 7090 |
| 965 | 1.5 | 2 | 2 | 300 | 7090 |
| 865 | 1.6 | 2 | 2 | 300 | 7090 |
| 750 | 1.9 | 2 | 2 | 300 | 7090 |
| 655 | 2.1 | 2 | 2 | 300 | 7090 |
| 574 | 2.4 | 2 | 2 | 300 | 7090 |
| 506 | 2.8 | 2 | 2 | 300 | 7090 |
| 438 | 3.2 | 2 | 2 | 300 | 7090 |
| 388 | 3.6 | 2 | 2 | 300 | 7090 |
| 336 | 4.2 | 2 | 2 | 300 | 7090 |
| 294 | 4.8 | 2 | 2 | 300 | 7090 |
| 269 | 5.2 | 2 | 2 | 300 | 7090 |
| 229 | 6.1 | 2 | 2 | 300 | 7090 |
| 204 | 6.9 | 2 | 2 | 300 | 7090 |
| 187 | 7.5 | 2 | 2 | 300 | 7090 |
| 165 | 8.5 | 2 | 2 | 300 | 7090 |
| 131 | 11 | 2 | 2 | 300 | 7090 |

| S67R37 | | | | 570Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S67 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 21362 | 0.07 | 2 | 3 | 570 | 8190 |
| 19594 | 0.07 | 2 | 3 | 570 | 8190 |
| 18120 | 0.08 | 2 | 3 | 570 | 8190 |
| 16682 | 0.08 | 2 | 3 | 570 | 8190 |
| 14383 | 0.10 | 2 | 3 | 570 | 8190 |
| 12774 | 0.11 | 2 | 3 | 570 | 8190 |
| 11013 | 0.13 | 2 | 3 | 570 | 8190 |
| 9694 | 0.14 | 2 | 3 | 570 | 8190 |
| 8529 | 0.16 | 2 | 3 | 570 | 8190 |
| 7455 | 0.19 | 2 | 3 | 570 | 8190 |
| 6531 | 0.21 | 2 | 3 | 570 | 8190 |
| 5759 | 0.24 | 2 | 3 | 570 | 8190 |
| 4965 | 0.28 | 2 | 3 | 570 | 8190 |
| 4410 | 0.32 | 2 | 3 | 570 | 8190 |
| 3880 | 0.36 | 2 | 3 | 570 | 8190 |
| 3432 | 0.41 | 2 | 3 | 570 | 8190 |
| 2944 | 0.48 | 2 | 3 | 570 | 8190 |
| 2630 | 0.53 | 2 | 3 | 570 | 8190 |
| 2279 | 0.61 | 2 | 3 | 570 | 8190 |
| 2014 | 0.70 | 2 | 3 | 570 | 8190 |
| 1772 | 0.79 | 2 | 3 | 570 | 8190 |
| 1559 | 0.90 | 2 | 3 | 570 | 8190 |
| 1363 | 1.0 | 2 | 3 | 570 | 8190 |
| 1194 | 1.2 | 2 | 3 | 570 | 8190 |
| 1045 | 1.3 | 2 | 3 | 570 | 8190 |
| 914 | 1.5 | 2 | 3 | 570 | 8190 |
| 809 | 1.7 | 2 | 2 | 570 | 8190 |
| 712 | 2.0 | 2 | 2 | 570 | 8190 |
| 615 | 2.3 | 2 | 2 | 570 | 8190 |
| 543 | 2.6 | 2 | 2 | 570 | 8190 |
| 469 | 3.0 | 2 | 2 | 570 | 8190 |
| 424 | 3.3 | 2 | 2 | 570 | 8190 |
| 365 | 3.8 | 2 | 2 | 570 | 8190 |
| 319 | 4.4 | 2 | 2 | 570 | 8190 |
| 281 | 5.0 | 2 | 2 | 570 | 8190 |
| 246 | 5.7 | 2 | 2 | 570 | 8190 |
| 221 | 6.3 | 2 | 2 | 570 | 8190 |
| 198 | 7.1 | 2 | 2 | 570 | 8190 |
| 168 | 8.3 | 2 | 2 | 570 | 8190 |
| 156 | 9.0 | 2 | 2 | 570 | 8190 |

| S77R37 | | | | 1270Nm | |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S77 | Stage R37 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 25493 | 0.05 | 2 | 3 | 1270 | 11700 |
| 21787 | 0.06 | 2 | 3 | 1270 | 11700 |
| 19907 | 0.07 | 2 | 3 | 1270 | 11700 |
| 17013 | 0.08 | 2 | 3 | 1270 | 11700 |
| 14668 | 0.10 | 2 | 3 | 1270 | 11700 |
| 13110 | 0.11 | 2 | 3 | 1270 | 11700 |
| 11569 | 0.12 | 2 | 3 | 1270 | 11700 |
| 9887 | 0.14 | 2 | 3 | 1270 | 11700 |
| 8817 | 0.16 | 2 | 3 | 1270 | 11700 |
| 7735 | 0.18 | 2 | 3 | 1270 | 11700 |
| 6735 | 0.21 | 2 | 3 | 1270 | 11700 |
| 5943 | 0.24 | 2 | 3 | 1270 | 11700 |
| 5214 | 0.27 | 2 | 3 | 1270 | 11700 |
| 4618 | 0.30 | 2 | 3 | 1270 | 11700 |
| 3992 | 0.35 | 2 | 3 | 1270 | 11700 |
| 3540 | 0.40 | 2 | 3 | 1270 | 11700 |
| 3098 | 0.45 | 2 | 3 | 1270 | 11700 |
| 2753 | 0.51 | 2 | 3 | 1240 | 12000 |
| 2374 | 0.59 | 2 | 3 | 1240 | 12000 |
| 2083 | 0.67 | 2 | 3 | 1240 | 12000 |
| 1813 | 0.77 | 2 | 3 | 1240 | 12000 |
| 1745 | 0.80 | 2 | 3 | 1240 | 12000 |
| 1600 | 0.88 | 2 | 3 | 1240 | 12000 |
| 1404 | 1.0 | 2 | 3 | 1240 | 12000 |
| 1245 | 1.1 | 2 | 3 | 1240 | 12000 |
| 1100 | 1.3 | 2 | 2 | 1240 | 12000 |
| 954 | 1.5 | 2 | 2 | 1240 | 12000 |
| 837 | 1.7 | 2 | 2 | 1240 | 12000 |
| 714 | 2.0 | 2 | 2 | 1240 | 12000 |
| 637 | 2.2 | 2 | 2 | 1240 | 12000 |
| 574 | 2.4 | 2 | 2 | 1240 | 12000 |
| 499 | 2.8 | 2 | 2 | 1240 | 12000 |
| 438 | 3.2 | 2 | 2 | 1240 | 12000 |
| 389 | 3.6 | 2 | 2 | 1240 | 12000 |
| 327 | 4.3 | 2 | 2 | 1240 | 12000 |
| 289 | 4.8 | 2 | 2 | 1240 | 12000 |
| 250 | 5.6 | 2 | 2 | 1240 | 12000 |
| 219 | 6.4 | 2 | 2 | 1240 | 12000 |

S 87/97R57 $n_e$=1400 1/min

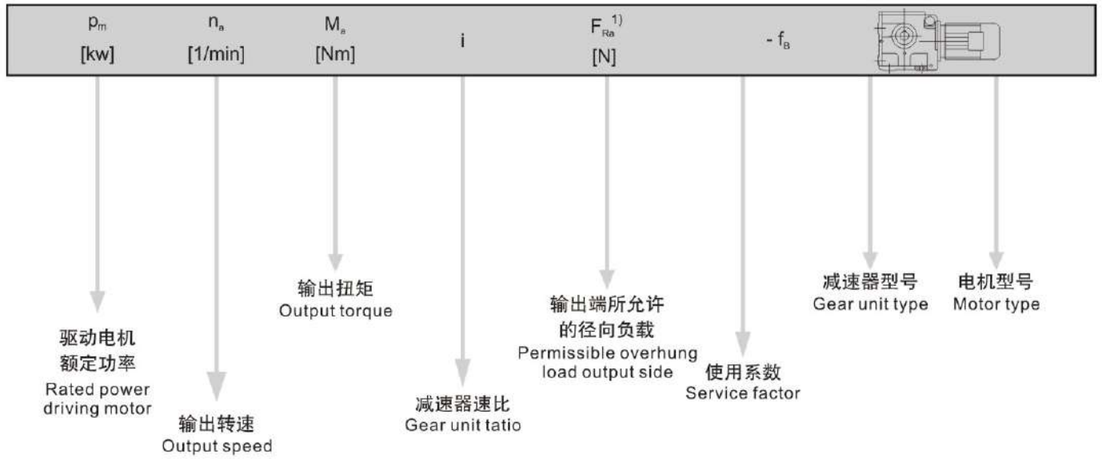
| S87R57 | | | | | 2500Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S87 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 25987 | 0.05 | 2 | 3 | 2500 | 27500 |
| 23940 | 0.06 | 2 | 3 | 2500 | 27500 |
| 20568 | 0.07 | 2 | 3 | 2500 | 27500 |
| 18265 | 0.08 | 2 | 3 | 2500 | 27500 |
| 16774 | 0.08 | 2 | 3 | 2500 | 27500 |
| 14820 | 0.09 | 2 | 3 | 2500 | 27500 |
| 13160 | 0.11 | 2 | 3 | 2500 | 27500 |
| 11200 | 0.12 | 2 | 3 | 2500 | 27500 |
| 9904 | 0.14 | 2 | 3 | 2500 | 27500 |
| 8549 | 0.16 | 2 | 3 | 2500 | 27500 |
| 7643 | 0.18 | 2 | 3 | 2500 | 27500 |
| 6706 | 0.21 | 2 | 3 | 2500 | 27500 |
| 5875 | 0.24 | 2 | 3 | 2500 | 27500 |
| 5187 | 0.27 | 2 | 3 | 2500 | 27500 |
| 4606 | 0.30 | 2 | 3 | 2500 | 27500 |
| 3872 | 0.36 | 2 | 3 | 2500 | 27500 |
| 3475 | 0.40 | 2 | 2 | 2500 | 27500 |
| 2905 | 0.48 | 2 | 2 | 2500 | 27500 |
| 2586 | 0.54 | 2 | 2 | 2500 | 27500 |
| 2335 | 0.60 | 2 | 2 | 2500 | 27500 |
| 2054 | 0.68 | 2 | 2 | 2500 | 27500 |
| 1824 | 0.77 | 2 | 2 | 2500 | 27500 |
| 1631 | 0.86 | 2 | 2 | 2500 | 27500 |
| 1332 | 1.1 | 2 | 2 | 2500 | 27500 |
| 1191 | 1.2 | 2 | 2 | 2500 | 27500 |
| 1032 | 1.4 | 2 | 2 | 2500 | 27500 |
| 930 | 1.5 | 2 | 2 | 2500 | 27500 |
| 831 | 1.7 | 2 | 2 | 2500 | 27500 |
| 719 | 1.9 | 2 | 2 | 2500 | 27500 |
| 624 | 2.2 | 2 | 2 | 2500 | 27500 |
| 558 | 2.5 | 2 | 2 | 2500 | 27500 |
| 485 | 2.9 | 2 | 2 | 2500 | 27500 |
| 435 | 3.2 | 2 | 2 | 2450 | 27600 |
| 378 | 3.7 | 2 | 2 | 2450 | 27600 |
| 323 | 4.3 | 2 | 2 | 2400 | 27700 |
| 281 | 5.0 | 2 | 2 | 2400 | 27700 |
| 255 | 5.5 | 2 | 2 | 1980 | 28400 |
| 222 | 6.3 | 2 | 2 | 1980 | 28400 |
| 205 | 6.8 | 2 | 2 | 1980 | 28400 |

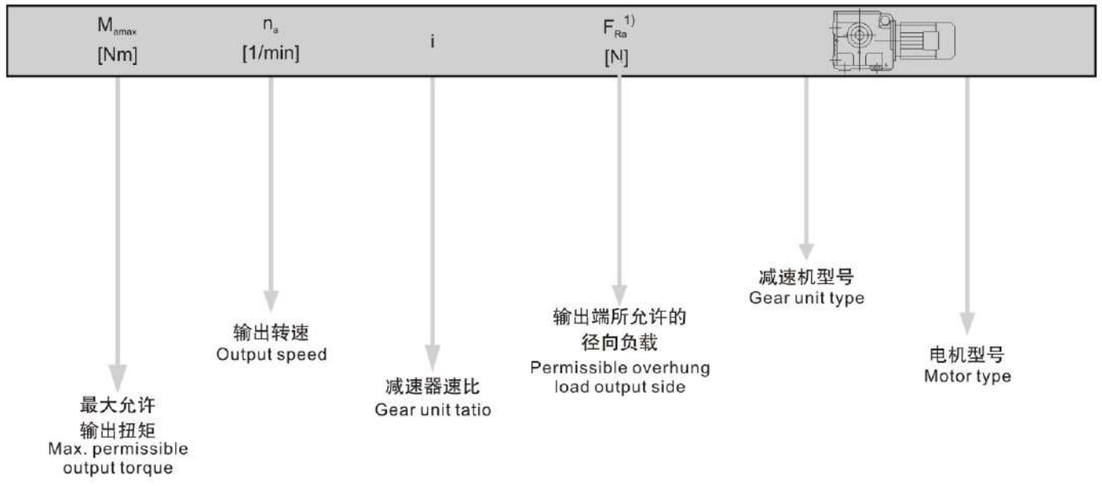
| S97R57 | | | | | 4200Nm |
|---|---|---|---|---|---|
| i | $n_a$ [1/min] | Stage S97 | Stage R57 | $M_{amax}$ [Nm] | $F_{Ra}$ [N] |
| 33818 | 0.04 | 2 | 3 | 4200 | 34200 |
| 31154 | 0.04 | 2 | 3 | 4200 | 34200 |
| 27847 | 0.05 | 2 | 3 | 4200 | 34200 |
| 24641 | 0.06 | 2 | 3 | 4200 | 34200 |
| 21537 | 0.07 | 2 | 3 | 4200 | 34200 |
| 18749 | 0.07 | 2 | 3 | 4200 | 34200 |
| 16233 | 0.09 | 2 | 3 | 4200 | 34200 |
| 14576 | 0.10 | 2 | 3 | 4200 | 34200 |
| 12752 | 0.11 | 2 | 3 | 4200 | 34200 |
| 11267 | 0.12 | 2 | 3 | 4200 | 34200 |
| 10078 | 0.14 | 2 | 3 | 4200 | 34200 |
| 8608 | 0.16 | 2 | 3 | 4200 | 34200 |
| 7554 | 0.19 | 2 | 3 | 4200 | 34200 |
| 6640 | 0.21 | 2 | 3 | 4200 | 30600 |
| 5780 | 0.24 | 2 | 3 | 4200 | 30600 |
| 4937 | 0.28 | 2 | 3 | 4200 | 30600 |
| 4444 | 0.32 | 2 | 3 | 4200 | 30600 |
| 4017 | 0.35 | 2 | 3 | 4200 | 30600 |
| 3453 | 0.41 | 2 | 3 | 4200 | 30600 |
| 3108 | 0.45 | 2 | 3 | 4200 | 30600 |
| 2654 | 0.53 | 2 | 3 | 4200 | 30600 |
| 2329 | 0.60 | 2 | 3 | 4200 | 30600 |
| 2081 | 0.67 | 2 | 3 | 4200 | 30600 |
| 1860 | 0.75 | 2 | 3 | 4200 | 30600 |
| 1574 | 0.89 | 2 | 3 | 4200 | 30600 |
| 1394 | 1.0 | 2 | 2 | 4200 | 30600 |
| 1223 | 1.1 | 2 | 2 | 4200 | 30600 |
| 1070 | 1.3 | 2 | 2 | 4200 | 30600 |
| 928 | 1.5 | 2 | 2 | 4200 | 30600 |
| 824 | 1.7 | 2 | 2 | 4200 | 30600 |
| 714 | 2.0 | 2 | 2 | 4200 | 34400 |
| 626 | 2.2 | 2 | 2 | 4200 | 30600 |
| 538 | 2.6 | 2 | 2 | 4200 | 30600 |
| 484 | 2.9 | 2 | 2 | 4200 | 30700 |
| 420 | 3.3 | 2 | 2 | 4200 | 30700 |
| 376 | 3.7 | 2 | 2 | 4200 | 30800 |
| 327 | 4.3 | 2 | 2 | 4200 | 30800 |
| 287 | 4.9 | 2 | 2 | 4200 | 30900 |
| 252 | 5.6 | 2 | 2 | 4200 | 31000 |
| 219 | 6.4 | 2 | 2 | 4200 | 31000 |
| 205 | 6.8 | 2 | 2 | 4200 | 31000 |



## 8.4 选型表注释
## 8.4 Selection table

选型表的结构
Selection table geared motors




图例 Cuttine
※ 也可用于 EExe 电机。 ※ EEXE motor is optional.
1) 实心轴底脚安装减速机的径向负荷
1） Overhung load specified for foot – mounted gear unit with solid shaft

注意： Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.12kW** | | | | | |
| 0.12 | 4610 | 11267 | 28700 | 0.90 | S **97 R57 D63S4** |
| 0.14 | 4210 | 10078 | 32800 | 1.00 | SF **97 R57 D63S4** |
| 0.16 | 3500 | 8608 | 34200 | 1.20 | SA **97 R57 D63S4** |
| 0.18 | 3090 | 7554 | 34800 | 1.35 | SAF **97 R57 D63S4** |
| 0.18 | 3120 | 7643 | 14400 | 0.80 | |
| 0.21 | 2630 | 6706 | 27200 | 0.95 | S **87 R57 D63S4** |
| 0.23 | 2330 | 5875 | 27800 | 1.05 | SF **87 R57 D63S4** |
| 0.27 | 1960 | 5187 | 28500 | 1.25 | SA **87 R57 D63S4** |
| 0.30 | 1740 | 4606 | 28800 | 1.45 | SAF **87 R57 D63S4** |
| 0.36 | 1450 | 3872 | 29200 | 1.70 | |
| 0.39 | 1340 | 3540 | 9700 | 0.95 | |
| 0.45 | 1170 | 3098 | 12500 | 1.10 | |
| 0.58 | 1280 | 2374 | 11600 | 0.95 | S **77 R37 D63S4** |
| 0.66 | 1130 | 2083 | 12900 | 1.10 | SF **77 R37 D63S4** |
| 0.76 | 960 | 1813 | 14100 | 1.30 | SA **77 R37 D63S4** |
| 0.79 | 910 | 1745 | 14300 | 1.35 | SAF **77 R37 D63S4** |
| 0.86 | 840 | 1600 | 14700 | 1.50 | |
| 0.98 | 735 | 1404 | 15200 | 1.70 | |
| 1.1 | 645 | 1245 | 15600 | 1.90 | |
| 1.0 | 665 | 1363 | 4800 | 0.85 | S **67 R37 D63S4** |
| 1.2 | 575 | 1194 | 8160 | 1.00 | SF **67 R37 D63S4** |
| 1.3 | 515 | 1045 | 8720 | 1.10 | SA **67 R37 D63S4** |
| 1.5 | 445 | 914 | 9280 | 1.30 | SAF **67 R37 D63S4** |
| 1.7 | 400 | 809 | 9580 | 1.40 | |
| 1.9 | 355 | 712 | 9860 | 1.60 | S **67 R37 D63S4** |
| 2.2 | 295 | 615 | 10100 | 1.95 | SF **67 R37 D63S4** |
| 2.5 | 265 | 543 | 10300 | 2.2 | SA **67 R37 D63S4** |
| 2.9 | 220 | 469 | 10400 | 2.6 | SAF **67 R37 D63S4** |
| 3.3 | 197 | 424 | 10500 | 2.9 | |
| 3.8 | 180 | 365 | 10500 | 3.2 | |
| 2.1 | 315 | 655 | 6930 | 0.95 | |
| 2.4 | 275 | 574 | 7290 | 1.10 | |
| 2.7 | 240 | 506 | 7540 | 1.25 | S **57 R17 D63S4** |
| 3.2 | 210 | 438 | 7750 | 1.45 | SF **57 R17 D63S4** |
| 3.6 | 183 | 388 | 7880 | 1.65 | SA **57 R17 D63S4** |
| 4.1 | 163 | 336 | 7980 | 1.85 | SAF **57 R17 D63S4** |
| 4.7 | 140 | 294 | 8070 | 2.1 | |
| 5.1 | 134 | 269 | 8090 | 2.2 | |
| 3.2 | 210 | 438 | 5060 | 0.90 | |
| 3.6 | 183 | 388 | 5210 | 1.00 | |
| 4.1 | 162 | 336 | 5320 | 1.15 | S **47 R17 D63S4** |
| 4.7 | 139 | 294 | 5450 | 1.35 | SF **47 R17 D63S4** |
| 5.4 | 95 | 257 | 5680 | 1.95 | SA **47 R17 D63S4** |
| 6.0 | 113 | 229 | 5570 | 1.65 | SAF **47 R17 D63S4** |
| 6.9 | 99 | 200 | 5630 | 1.90 | |
| 7.4 | 92 | 187 | 5660 | 2.0 | |
| 6.8 | 99 | 202 | 3000 | 0.95 | |
| 7.7 | 88 | 179 | 3000 | 1.05 | S **37 R17 D63S4** |
| 8.7 | 78 | 158 | 3000 | 1.15 | SF **37 R17 D63S4** |
| 9.6 | 72 | 144 | 3000 | 1.25 | SA **37 R17 D63S4** |
| 12 | 59 | 118 | 3000 | 1.55 | SAF **37 R17 D63S4** |
| 13 | 55 | 110 | 3000 | 1.65 | |
| 4.5 | 143 | 201.00 | 8050 | 2.1 | S **57 D63M6** |
| 4.9 | 133 | 184.80 | 8090 | 2.2 | SF **57 D63M6** |
| 5.7 | 116 | 158.12 | 8150 | 2.5 | SA **57 D63M6** |
| 6.6 | 103 | 137.05 | 8180 | 2.9 | SAF **57 D63M6** |
| 4.5 | 138 | 201.00 | 5490 | 1.30 | |
| 4.9 | 129 | 184.80 | 5540 | 1.40 | S **47 D63M6** |
| 5.7 | 112 | 158.12 | 5610 | 1.55 | SF **47 D63M6** |
| 6.6 | 99 | 137.05 | 5660 | 1.75 | SA **47 D63M6** |
| 7.0 | 93 | 128.10 | 5680 | 1.85 | SAF **47 D63M6** |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.12kW** | | | | | |
| 6.9 | 95 | 201.00 | 5680 | 1.80 | |
| 7.5 | 89 | 184.80 | 5700 | 1.90 | S **47 D63S4** |
| 8.7 | 77 | 158.12 | 5740 | 2.2 | SF **47 D63S4** |
| 10 | 68 | 137.05 | 5780 | 2.5 | SA **47 D63S4** |
| 11 | 64 | 128.10 | 5790 | 2.6 | SAF **47 D63S4** |
| 12 | 57 | 110.73 | 5810 | 3.0 | |
| 5.7 | 107 | 157.43 | 3000 | 0.85 | |
| 6.2 | 99 | 144.40 | 3000 | 0.95 | S **37 D63M6** |
| 7.3 | 86 | 122.94 | 3000 | 1.05 | SF **37 D63M6** |
| 8.5 | 76 | 106.00 | 3000 | 1.20 | SA **37 D63M6** |
| 9.1 | 71 | 98.80 | 3000 | 1.30 | SAF **37 D63M6** |
| 10 | 64 | 86.36 | 3000 | 1.45 | |
| 8.8 | 74 | 157.43 | 3000 | 1.25 | |
| 9.6 | 68 | 144.40 | 3000 | 1.35 | S **37 D63S4** |
| 11 | 60 | 122.94 | 3000 | 1.55 | SF **37 D63S4** |
| 13 | 52 | 106.00 | 3000 | 1.70 | SA **37 D63S4** |
| 14 | 49 | 98.80 | 3000 | 1.75 | SAF **37 D63S4** |
| 16 | 44 | 86.36 | 3000 | 1.95 | |
| 17 | 41 | 80.96 | 3000 | 2.1 | |
| 19 | 37 | 71.44 | 3000 | 2.3 | |
| 22 | 33 | 63.33 | 3000 | 2.5 | |
| 25 | 35 | 55.93 | 3000 | 2.3 | |
| 27 | 33 | 51.30 | 3000 | 2.5 | |
| 32 | 28 | 43.68 | 3000 | 2.9 | |
| 37 | 25 | 37.66 | 3000 | 3.2 | S **37 D63S4** |
| 39 | 23 | 35.10 | 3000 | 3.4 | SF **37 D63S4** |
| 45 | 20 | 30.68 | 3000 | 3.7 | SA **37 D63S4** |
| 48 | 19 | 28.76 | 3000 | 3.9 | SAF **37 D63S4** |
| 54 | 17 | 25.38 | 3000 | 4.3 | |
| 61 | 15 | 22.50 | 3000 | 4.8 | |
| 69 | 14 | 19.89※ | 3000 | 3.6 | |
| 76 | 13 | 18.24※ | 3000 | 3.9 | |
| 89 | 11 | 15.53※ | 2870 | 4.4 | |
| **0.18kW** | | | | | |
| 0.29 | 2970 | 4606 | 20900 | 0.85 | S **87 R57 D63M4** |
| 0.34 | 2480 | 3872 | 27500 | 1.00 | SF **87 R57 D63M4** |
| | | | | | SA **87 R57 D63M4** |
| | | | | | SAF **87 R57 D63M4** |
| 0.38 | 2350 | 3475 | 27800 | 1.05 | |
| 0.45 | 1970 | 2905 | 28500 | 1.25 | S **87 R57 D63M4** |
| 0.51 | 1710 | 2586 | 28900 | 1.45 | SF **87 R57 D63M4** |
| 0.57 | 1520 | 2335 | 29100 | 1.65 | SA **87 R57Y63M4** |
| 0.64 | 1320 | 2054 | 29400 | 1.90 | SAF **87 R57Y63M4** |
| 0.72 | 1170 | 1824 | 29500 | 2.1 | |
| 0.81 | 1050 | 1631 | 29600 | 2.4 | |
| | | | | | S **77 R37 D63M4** |
| 0.94 | 1220 | 1404 | 12200 | 1.00 | SF **77 R37 D63M4** |
| 1.1 | 1070 | 1245 | 13000 | 1.15 | SA **77 R37 D63M4** |
| | | | | | SAF **77 R37 D63M4** |
| 1.2 | 990 | 1100 | 13900 | 1.25 | |
| 1.4 | 850 | 954 | 14700 | 1.45 | S **77 R37 D63M4** |
| 1.6 | 745 | 837 | 15200 | 1.65 | SF **77 R37 D63M4** |
| 1.9 | 625 | 714 | 15600 | 2.0 | SA **77 R37 D63M4** |
| 2.1 | 555 | 637 | 15900 | 2.2 | SAF **77 R37 D63M4** |
| 2.3 | 500 | 574 | 16000 | 2.5 | |
| 1.6 | 660 | 809 | 5140 | 0.85 | |
| 1.9 | 580 | 712 | 8060 | 1.00 | S **67 R37 D63M4** |
| 2.2 | 490 | 615 | 8920 | 1.15 | SF **67 R37 D63M4** |
| 2.4 | 440 | 543 | 9330 | 1.30 | SA **67 R37 D63M4** |
| 2.8 | 370 | 469 | 9780 | 1.55 | SAF **67 R37 D63M4** |
| 3.1 | 335 | 424 | 9970 | 1.70 | |
| 3.6 | 295 | 365 | 10100 | 1.90 | |

注：带※速比产品在改进中，订货前需沟通



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.18kW** | | | | | |
| 3.0 | 345 | 438 | 6630 | 0.85 | |
| 3.4 | 305 | 388 | 7040 | 1.00 | S **57 R17 D63M4** |
| 3.9 | 270 | 336 | 7350 | 1.10 | SF **57 R17 D63M4** |
| 4.5 | 235 | 294 | 7600 | 1.30 | SA **57 R17 D63M4** |
| 4.9 | 220 | 269 | 7690 | 1.35 | SAF **57 R17 D63M4** |
| 5.8 | 188 | 229 | 7860 | 1.60 | |
| 6.5 | 169 | 204 | 7950 | 1.80 | |
| 7.1 | 154 | 187 | 8010 | 1.95 | |
| 4.5 | 230 | 294 | 4910 | 0.80 | |
| 5.1 | 158 | 257 | 5400 | 1.15 | S **47 R17 D63M4** |
| 5.8 | 185 | 229 | 5200 | 1.00 | SF **47 R17 D63M4** |
| 6.6 | 162 | 200 | 5330 | 1.15 | SA **47 R17 D63M4** |
| 7.1 | 152 | 187 | 5380 | 1.20 | SAF **47 R17 D63M4** |
| 8.0 | 134 | 165 | 5470 | 1.40 | |
| 8.9 | 121 | 148 | 5530 | 1.55 | |
| 10 | 108 | 131 | 5590 | 1.70 | |
| 4.0 | 255 | 217.41 | 10300 | 2.2 | S **67 D63L6** |
| 4.6 | 225 | 190.11 | 10400 | 2.5 | SF **67 D63L6** |
| 4.8 | 215 | 180.60 | 10400 | 2.6 | SA **67 D63L6** |
| | | | | | SAF **67 D63L6** |
| 4.3 | 220 | 201.00 | 7670 | 1.35 | S **57 D63L6** |
| 4.7 | 205 | 184.80 | 7760 | 1.45 | SF **57 D63L6** |
| 5.5 | 180 | 158.12 | 7900 | 1.65 | SA **57 D63L6** |
| 6.3 | 159 | 137.05 | 7990 | 1.85 | SAF **57 D63L6** |
| 6.6 | 154 | 201.00 | 8010 | 1.90 | S **57 D63M4** |
| 7.1 | 143 | 184.80 | 8050 | 2.1 | SF **57 D63M4** |
| 8.4 | 125 | 158.12 | 8120 | 2.4 | SA **57 D63M4** |
| 9.6 | 110 | 137.05 | 8160 | 2.7 | SAF **57 D63M4** |
| 4.3 | 215 | 201.00 | 5090 | 0.85 | |
| 4.7 | 199 | 184.80 | 5180 | 0.90 | S **47 D63L6** |
| 5.5 | 173 | 158.12 | 5320 | 1.00 | SF **47 D63L6** |
| 6.3 | 153 | 137.05 | 5420 | 1.10 | SA **47 D63L6** |
| 6.8 | 144 | 128.10 | 5470 | 1.20 | SAF **47 D63L6** |
| 6.6 | 149 | 201.00 | 5440 | 1.15 | |
| 7.1 | 138 | 184.80 | 5490 | 1.25 | |
| 8.4 | 121 | 158.12 | 5570 | 1.40 | |
| 9.6 | 107 | 137.05 | 5630 | 1.60 | S **47 D63M4** |
| 10 | 100 | 128.10 | 5660 | 1.65 | SF **47 D63M4** |
| 12 | 88 | 110.73 | 5700 | 1.90 | SA **47 D63M4** |
| 14 | 77 | 94.08 | 5750 | 2.2 | SAF **47 D63M4** |
| 16 | 69 | 84.00 | 5770 | 2.4 | |
| 18 | 60 | 71.75 | 5800 | 2.8 | |
| 19 | 69 | 69.39 | 5750 | 2.2 | |
| 8.4 | 115 | 157.43 | 3000 | 0.80 | |
| 9.1 | 107 | 144.40 | 3000 | 0.85 | |
| 11 | 93 | 122.94 | 3000 | 1.00 | S **37 D63M4** |
| 12 | 82 | 106.00 | 3000 | 1.10 | SF **37 D63M4** |
| 13 | 77 | 98.80 | 3000 | 1.15 | SA **37 D63M4** |
| 15 | 68 | 86.36 | 3000 | 1.25 | SAF **37 D63M4** |
| 16 | 64 | 80.96 | 3000 | 1.30 | |
| 18 | 58 | 71.44 | 3000 | 1.45 | |
| 21 | 52 | 63.33 | 3000 | 1.60 | |
| 24 | 55 | 55.93 | 3000 | 1.45 | |
| 26 | 51 | 51.30 | 3000 | 1.60 | |
| 30 | 44 | 43.68 | 3000 | 1.85 | |
| 35 | 38 | 37.66 | 3000 | 2.1 | |
| 38 | 36 | 35.10 | 3000 | 2.2 | |
| 43 | 32 | 30.68 | 3000 | 2.4 | S **37 D63M4** |
| 46 | 30 | 28.76 | 3000 | 2.5 | SF **37 D63M4** |
| 52 | 27 | 25.38 | 3000 | 2.8 | SA **37 D63M4** |
| 59 | 24 | 22.50 | 3000 | 3.1 | SAF **37 D63M4** |
| 66 | 22 | 19.89※ | 3000 | 2.3 | |
| 72 | 21 | 18.24※ | 2940 | 2.5 | |
| 85 | 18 | 15.53※ | 2810 | 2.8 | |
| 99 | 15 | 13.39※ | 2700 | 3.2 | |
| 106 | 14 | 12.48※ | 2650 | 3.4 | |
| 121 | 13 | 10.91※ | 2550 | 3.8 | |
| 129 | 12 | 10.23※ | 2500 | 4.0 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.25kW** | | | | | |
| 0.45 | 2860 | 2905 | 24300 | 0.85 | |
| 0.50 | 2500 | 2586 | 27500 | 1.00 | S **87 R57 D63L4** |
| 0.56 | 2240 | 2335 | 28000 | 1.10 | SF **87 R57 D63L4** |
| 0.63 | 1950 | 2054 | 28500 | 1.30 | SA **87 R57 D63L4** |
| 0.71 | 1730 | 1824 | 28900 | 1.45 | SAF **87 R57 D63L4** |
| 0.80 | 1550 | 1631 | 29100 | 1.60 | |
| 1.4 | 910 | 930 | 29800 | 2.8 | |
| 1.4 | 1230 | 954 | 12100 | 1.00 | |
| 1.5 | 1080 | 837 | 13300 | 1.15 | S **77 R37 D63L4** |
| 1.8 | 910 | 714 | 14400 | 1.35 | SF **77 R37 D63L4** |
| 2.0 | 810 | 637 | 14900 | 1.55 | SA **77 R37 D63L4** |
| 2.3 | 730 | 574 | 15200 | 1.70 | SAF **77 R37 D63L4** |
| 2.6 | 625 | 499 | 15600 | 2.0 | |
| 2.4 | 635 | 543 | 7420 | 0.90 | |
| 2.8 | 540 | 469 | 8500 | 1.05 | S **67 R37 D63L4** |
| 3.1 | 485 | 424 | 8970 | 1.15 | SF **67 R37 D63L4** |
| 3.6 | 430 | 365 | 9390 | 1.30 | SA **67 R37 D63L4** |
| 4.1 | 375 | 319 | 9750 | 1.50 | SAF **67 R37 D63L4** |
| 4.6 | 330 | 281 | 9990 | 1.75 | |
| 4.4 | 340 | 294 | 6720 | 0.90 | |
| 4.8 | 315 | 269 | 6950 | 0.95 | S **57 R17 D63L4** |
| 5.7 | 270 | 229 | 7330 | 1.10 | SF **57 R17 D63L4** |
| 6.4 | 245 | 204 | 7530 | 1.25 | SA **57 R17 D63L4** |
| 6.9 | 225 | 187 | 7660 | 1.35 | SAF **57 R17 D63L4** |
| 7.9 | 198 | 165 | 7810 | 1.50 | |
| 9.9 | 159 | 131 | 7990 | 1.90 | |
| 3.1 | 435 | 217.41 | 9350 | 1.30 | S **67 D80N8** |
| 3.6 | 390 | 190.11 | 9670 | 1.45 | SF **67 D80N8** |
| 3.8 | 370 | 180.60 | 9770 | 1.50 | SA **67 D80N8** |
| 4.3 | 330 | 158.45 | 9980 | 1.70 | SAF **67 D80N8** |
| 4.1 | 350 | 217.41 | 9890 | 1.60 | S **67 D71D6** |
| 4.6 | 310 | 190.11 | 10100 | 1.80 | SF **67 D71D6** |
| 4.9 | 295 | 180.60 | 10100 | 1.90 | SA **67 D71D6** |
| 5.6 | 265 | 158.45 | 10300 | 2.1 | SAF **67 D71D6** |
| 6.0 | 245 | 217.41 | 10300 | 2.1 | |
| 6.8 | 220 | 190.11 | 10400 | 2.4 | S **67 D63L4** |
| 7.2 | 210 | 180.60 | 10500 | 2.5 | SF **67 D63L4** |
| 8.2 | 187 | 158.45 | 10500 | 2.8 | SA **67 D63L4** |
| 9.7 | 161 | 134.40 | 10600 | 3.2 | SAF **67 D63L4** |
| 11 | 147 | 121.33 | 10600 | 3.5 | |
| 12 | 131 | 106.75 | 10700 | 4.0 | |
| 4.4 | 305 | 201.00 | 7050 | 1.00 | S **57 D71D6** |
| 4.8 | 285 | 184.80 | 7230 | 1.05 | SF **57 D71D6** |
| 5.6 | 245 | 158.12 | 7510 | 1.20 | SA **57 D71D6** |
| 6.4 | 220 | 137.05 | 7690 | 1.35 | SAF **57 D71D6** |
| 6.9 | 205 | 128.10 | 7760 | 1.45 | |
| 6.5 | 215 | 201.00 | 7700 | 1.35 | |
| 7.0 | 200 | 184.80 | 7790 | 1.45 | |
| 8.2 | 176 | 158.12 | 7920 | 1.70 | S **57 D63L4** |
| 9.5 | 155 | 137.05 | 8010 | 1.90 | SF **57 D63L4** |
| 10 | 146 | 128.10 | 8040 | 2.0 | SA **57 D63L4** |
| 12 | 129 | 110.73 | 8110 | 2.3 | SAF **57 D63L4** |
| 14 | 111 | 94.08 | 8160 | 2.7 | |
| 15 | 101 | 84.00 | 8190 | 2.9 | |

注：带※速比产品在改进中，订货前需沟通

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.25kW** | | | | | | | |
| 6.5 | 210 | 201.00 | 5120 | 0.80 | | | |
| 7.0 | 195 | 184.80 | 5210 | 0.85 | | | |
| 8.2 | 170 | 158.12 | 5340 | 1.00 | | | |
| 9.5 | 150 | 137.05 | 5440 | 1.10 | | | |
| 10 | 141 | 128.10 | 5480 | 1.20 | | | |
| 12 | 124 | 110.73 | 5560 | 1.35 | S | 47 | D63L4 |
| 14 | 108 | 94.08 | 5630 | 1.55 | SF | 47 | D63L4 |
| 15 | 98 | 84.00 | 5670 | 1.70 | SA | 47 | D63L4 |
| 18 | 85 | 71.75 | 5720 | 1.95 | SAF | 47 | D63L4 |
| 19 | 97 | 69.39 | 5640 | 1.60 | | | |
| 19 | 80 | 67.20 | 5740 | 2.1 | | | |
| 20 | 90 | 63.80 | 5670 | 1.70 | | | |
| 24 | 78 | 54.59 | 5720 | 2.0 | | | |
| 27 | 68 | 47.32 | 5760 | 2.3 | | | |
| 13 | 108 | 98.80 | 3000 | 0.80 | | | |
| 15 | 96 | 86.36 | 3000 | 0.90 | | | |
| 16 | 91 | 80.96 | 3000 | 0.95 | | | |
| 18 | 81 | 71.44 | 3000 | 1.05 | | | |
| 21 | 73 | 63.33 | 3000 | 1.10 | | | |
| 23 | 78 | 55.93 | 3000 | 1.05 | | | |
| 25 | 72 | 51.30 | 3000 | 1.15 | | | |
| 30 | 62 | 43.68 | 3000 | 1.30 | | | |
| 35 | 54 | 37.66 | 3000 | 1.45 | S | 37 | D63L4 |
| 37 | 51 | 35.10 | 3000 | 1.55 | SF | 37 | D63L4 |
| 42 | 45 | 30.68 | 3000 | 1.70 | SA | 37 | D63L4 |
| 45 | 42 | 28.76 | 3000 | 1.80 | SAF | 37 | D63L4 |
| 51 | 37 | 25.38 | 3000 | 2.0 | | | |
| 58 | 33 | 22.50 | 3000 | 2.2 | | | |
| 65 | 32 | 19.89※ | 2870 | 1.65 | | | |
| 71 | 29 | 18.24※ | 2820 | 1.80 | | | |
| 84 | 25 | 15.53※ | 2710 | 2.0 | | | |
| 97 | 22 | 13.39※ | 2620 | 2.3 | | | |
| 104 | 20 | 12.48※ | 2570 | 2.4 | | | |
| 119 | 18 | 10.91※ | 2480 | 2.7 | | | |
| 127 | 17 | 10.23※ | 2440 | 2.8 | | | |
| 144 | 15 | 9.02※ | 2360 | 3.1 | | | |
| 163 | 13 | 8.00※ | 2290 | 3.4 | | | |
| 191 | 11 | 6.80※ | 2180 | 3.8 | | | |
| 92 | 21 | 28.76 | 2740 | 3.0 | | | |
| 105 | 19 | 25.38 | 2650 | 3.3 | | | |
| 118 | 17 | 22.50 | 2560 | 3.4 | S | 37 | D63M2 |
| 134 | 16 | 19.89※ | 2410 | 2.8 | SF | 37 | D63M2 |
| 146 | 15 | 18.24※ | 2350 | 3.0 | SA | 37 | D63M2 |
| 171 | 13 | 15.53※ | 2250 | 3.4 | SAF | 37 | D63M2 |
| 199 | 11 | 13.39※ | 2160 | 3.8 | | | |
| 213 | 10 | 12.48※ | 2120 | 4.0 | | | |
| **0.37kW** | | | | | | | |
| 0.67 | 2810 | 2054 | 25400 | 0.90 | S | 87 R57 | D71D4 |
| 0.76 | 2490 | 1824 | 27500 | 1.00 | SF | 87 R57 | D71D4 |
| 0.85 | 2230 | 1631 | 28000 | 1.10 | SA | 87 R57 | D71D4 |
| 1.5 | 1320 | 930 | 29400 | 1.90 | SAF | 87 R57 | D71D4 |
| 1.7 | 1190 | 831 | 29500 | 2.1 | | | |
| 1.9 | 1290 | 714 | 11500 | 0.95 | | | |
| 2.2 | 1150 | 637 | 12700 | 1.10 | S | 77 R37 | D71D4 |
| 2.4 | 1040 | 574 | 13600 | 1.20 | SF | 77 R37 | D71D4 |
| 2.8 | 900 | 499 | 14400 | 1.40 | SA | 77 R37 | D71D4 |
| 3.2 | 785 | 438 | 15000 | 1.60 | SAF | 77 R37 | D71D4 |
| 3.5 | 700 | 389 | 15400 | 1.80 | | | |
| 3.8 | 615 | 365 | 7700 | 0.95 | S | 67 R37 | D71D4 |
| 4.3 | 535 | 319 | 8540 | 1.05 | SF | 67 R37 | D71D4 |
| 4.9 | 470 | 281 | 9080 | 1.20 | SA | 67 R37 | D71D4 |
| 5.6 | 425 | 246 | 9430 | 1.35 | SAF | 67 R37 | D71D4 |
| | | | | | S | 87 | D90S8 |
| 2.4 | 980 | 288.00 | 29700 | 2.5 | SF | 87 | D90S8 |
| 2.6 | 890 | 258.18 | 29800 | 2.8 | SA | 87 | D90S8 |
| 3.1 | 775 | 222.40 | 29900 | 3.2 | SAF | 87 | D90S8 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 3.0 | 735 | 225.26 | 15200 | 1.75 | S | 77 | D90S8 |
| 3.2 | 700 | 214.00 | 15300 | 1.80 | SF | 77 | D90S8 |
| 3.6 | 630 | 189.09 | 15600 | 2.0 | SA | 77 | D90S8 |
| 4.2 | 545 | 161.60 | 15900 | 2.3 | SAF | 77 | D90S8 |
| 3.5 | 645 | 256.47 | 15600 | 2.0 | S | 77 | D80K6 |
| 4.0 | 575 | 225.26 | 15800 | 2.2 | SF | 77 | D80K6 |
| 4.2 | 545 | 214.00 | 15900 | 2.3 | SA | 77 | D80K6 |
| | | | | | SAF | 77 | D80K6 |
| 4.1 | 505 | 217.41 | 8810 | 1.10 | S | 67 | D80K6 |
| 4.7 | 450 | 190.11 | 9260 | 1.25 | SF | 67 | D80K6 |
| 5.0 | 430 | 180.60 | 9400 | 1.30 | SA | 67 | D80K6 |
| 5.7 | 380 | 158.45 | 9700 | 1.45 | SAF | 67 | D80K6 |
| 6.3 | 345 | 217.41 | 9900 | 1.50 | | | |
| 7.3 | 310 | 190.11 | 10100 | 1.70 | S | 67 | D71D4 |
| 7.6 | 295 | 180.60 | 10200 | 1.75 | SF | 67 | D71D4 |
| 8.7 | 260 | 158.45 | 10300 | 2.0 | SA | 67 | D71D4 |
| 10 | 225 | 134.40 | 10400 | 2.3 | SAF | 67 | D71D4 |
| 11 | 205 | 121.33 | 10500 | 2.5 | | | |
| 5.7 | 360 | 158.12 | 6490 | 0.80 | | | |
| 6.6 | 315 | 137.05 | 6930 | 0.95 | S | 57 | D80K6 |
| 7.0 | 300 | 128.10 | 7100 | 1.00 | SF | 57 | D80K6 |
| 8.1 | 265 | 110.73 | 7390 | 1.10 | SA | 57 | D80K6 |
| 9.6 | 230 | 94.08 | 7630 | 1.30 | SAF | 57 | D80K6 |
| 11 | 205 | 84.00 | 7760 | 1.45 | | | |
| 6.9 | 305 | 201.00 | 7050 | 0.95 | | | |
| 7.5 | 285 | 184.80 | 7230 | 1.05 | | | |
| 8.7 | 245 | 158.12 | 7510 | 1.20 | | | |
| 10 | 220 | 137.05 | 7690 | 1.35 | | | |
| 11 | 205 | 128.10 | 7770 | 1.45 | S | 57 | D71D4 |
| 12 | 180 | 110.73 | 7900 | 1.65 | SF | 57 | D71D4 |
| 15 | 156 | 94.08 | 8000 | 1.90 | SA | 57 | D71D4 |
| 16 | 141 | 84.00 | 8060 | 2.1 | SAF | 57 | D71D4 |
| 19 | 122 | 71.75 | 8130 | 2.4 | | | |
| 20 | 139 | 69.39 | 8070 | 1.75 | | | |
| 21 | 115 | 67.20 | 8150 | 2.5 | | | |
| 22 | 128 | 63.80 | 8110 | 1.90 | | | |
| 10 | 210 | 137.05 | 5110 | 0.80 | | | |
| 11 | 199 | 128.10 | 5190 | 0.85 | | | |
| 12 | 175 | 110.73 | 5320 | 0.95 | | | |
| 15 | 151 | 94.08 | 5430 | 1.10 | | | |
| 16 | 137 | 84.00 | 5500 | 1.20 | | | |
| 19 | 119 | 71.75 | 5580 | 1.40 | | | |
| 20 | 136 | 69.39 | 5460 | 1.15 | | | |
| 21 | 112 | 67.20 | 5610 | 1.50 | S | 47 | D71D4 |
| 22 | 126 | 63.80 | 5510 | 1.25 | SF | 47 | D71D4 |
| 25 | 109 | 54.59 | 5590 | 1.40 | SA | 47 | D71D4 |
| 29 | 96 | 47.32 | 5410 | 1.60 | SAF | 47 | D71D4 |
| 31 | 90 | 44.22 | 5330 | 1.75 | | | |
| 36 | 78 | 38.23 | 5140 | 2.0 | | | |
| 42 | 67 | 32.48 | 4930 | 2.3 | | | |
| 48 | 60 | 29.00 | 4790 | 2.6 | | | |
| 56 | 52 | 24.77 | 4590 | 3.0 | | | |
| 59 | 49 | 23.20 | 4510 | 3.1 | | | |
| 68 | 46 | 20.33※ | 4180 | 2.4 | | | |
| 78 | 40 | 17.62※ | 4030 | 2.8 | | | |
| 84 | 37 | 16.47※ | 3960 | 3.0 | | | |

注：带※速比产品在改进中，订货前需沟通



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.37kW** | | | | | | | |
| 22 | 103 | 63.33 | 3000 | 0.80 | | | |
| 27 | 101 | 51.30 | 3000 | 0.80 | | | |
| 32 | 87 | 43.68 | 3000 | 0.95 | | | |
| 37 | 76 | 37.66 | 3000 | 1.05 | | | |
| 39 | 71 | 35.10 | 3000 | 1.10 | | | |
| 45 | 63 | 30.68 | 3000 | 1.20 | | | |
| 48 | 59 | 28.76 | 3000 | 1.30 | S | 37 | D71D4 |
| 54 | 52 | 25.38 | 2940 | 1.40 | SF | 37 | D71D4 |
| 61 | 47 | 22.50 | 2870 | 1.55 | SA | 37 | D71D4 |
| 69 | 44 | 19.89※ | 2610 | 1.20 | SAF | 37 | D71D4 |
| 76 | 41 | 18.24※ | 2570 | 1.30 | | | |
| 89 | 35 | 15.53※ | 2500 | 1.45 | | | |
| 103 | 30 | 13.39※ | 2420 | 1.60 | | | |
| 111 | 28 | 12.48※ | 2390 | 1.70 | | | |
| 127 | 25 | 10.91※ | 2320 | 1.95 | | | |
| 135 | 23 | 10.23※ | 2280 | 2.0 | | | |
| 153 | 21 | 9.02※ | 2220 | 2.2 | | | |
| 173 | 18 | 8.00※ | 2150 | 2.5 | | | |
| 203 | 16 | 6.80※ | 2070 | 2.7 | | | |
| 104 | 28 | 25.38 | 2540 | 2.2 | | | |
| 118 | 25 | 22.50 | 2460 | 2.3 | | | |
| 133 | 24 | 19.89※ | 2290 | 1.85 | | | |
| 145 | 22 | 18.24※ | 2250 | 2.0 | S | 37 | D63L2 |
| 171 | 19 | 15.53※ | 2160 | 2.3 | SF | 37 | D63L2 |
| 198 | 16 | 13.39※ | 2080 | 2.5 | SA | 37 | D63L2 |
| 212 | 15 | 12.48※ | 2040 | 2.7 | SAF | 37 | D63L2 |
| 243 | 13 | 10.91※ | 1970 | 3.0 | | | |
| 259 | 12 | 10.23※ | 1940 | 3.1 | | | |
| 294 | 11 | 9.02※ | 1870 | 3.3 | | | |
| **0.55kW** | | | | | | | |
| 1.0 | 2810 | 1332 | 25400 | 0.90 | | | |
| 1.1 | 2540 | 1191 | 27400 | 1.00 | | | |
| 1.3 | 2210 | 1032 | 28100 | 1.15 | S | 87 R57 | D80K4 |
| 1.5 | 2040 | 930 | 28400 | 1.25 | SF | 87 R57 | D80K4 |
| 1.6 | 1840 | 831 | 28700 | 1.35 | SA | 87 R57 | D80K4 |
| 1.9 | 1600 | 719 | 29000 | 1.55 | SAF | 87 R57 | D80K4 |
| 2.2 | 1400 | 624 | 29300 | 1.80 | | | |
| 2.4 | 1270 | 558 | 29400 | 1.95 | | | |
| 3.1 | 1010 | 435 | 29700 | 2.4 | | | |
| 2.7 | 1380 | 499 | 6920 | 0.90 | | | |
| 3.1 | 1210 | 438 | 12300 | 1.05 | S | 77 R37 | D80K4 |
| 3.5 | 1070 | 389 | 13300 | 1.15 | SF | 77 R37 | D80K4 |
| 4.2 | 910 | 327 | 14300 | 1.35 | SA | 77 R37 | D80K4 |
| 4.7 | 820 | 289 | 14800 | 1.50 | SAF | 77 R37 | D80K4 |
| 5.4 | 710 | 250 | 15300 | 1.75 | | | |
| 5.5 | 650 | 246 | 6600 | 0.90 | S | 67 R37 | D80K4 |
| 6.2 | 580 | 221 | 8080 | 1.00 | SF | 67 R37 | D80K4 |
| 6.9 | 530 | 198 | 8590 | 1.10 | SA | 67 R37 | D80K4 |
| 8.1 | 455 | 168 | 9230 | 1.25 | SAF | 67 R37 | D80K4 |
| 2.4 | 1450 | 288.00 | 29200 | 1.70 | S | 87 | D90L8 |
| 2.6 | 1320 | 258.18 | 29400 | 1.85 | SF | 87 | D90L8 |
| 3.1 | 1150 | 222.40 | 29600 | 2.1 | SA | 87 | D90L8 |
| | | | | | SAF | 87 | D90L8 |
| 3.1 | 1130 | 288.00 | 29600 | 2.2 | S | 87 | D80N6 |
| 3.5 | 1020 | 258.18 | 29700 | 2.4 | SF | 87 | D80N6 |
| 4.1 | 900 | 222.40 | 29800 | 2.7 | SA | 87 | D80N6 |
| 4.4 | 820 | 202.96 | 29800 | 2.9 | SAF | 87 | D80N6 |
| 3.0 | 1090 | 225.26 | 13200 | 1.15 | S | 77 | D90L8 |
| 3.2 | 1040 | 214.00 | 13500 | 1.20 | SF | 77 | D90L8 |
| 3.6 | 930 | 189.09 | 14200 | 1.35 | SA | 77 | D90L8 |
| 4.2 | 810 | 161.60 | 14900 | 1.55 | SAF | 77 | D90L8 |
| 3.5 | 960 | 256.47 | 14100 | 1.35 | S | 77 | D80N6 |
| 4.0 | 850 | 225.26 | 14700 | 1.50 | SF | 77 | D80N6 |
| 4.2 | 810 | 214.00 | 14800 | 1.55 | SA | 77 | D80N6 |
| 4.8 | 730 | 189.09 | 15200 | 1.75 | SAF | 77 | D80N6 |
| 5.6 | 635 | 161.60 | 15600 | 2.0 | | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model | | |
|---|---|---|---|---|---|---|---|
| **0.55kW** | | | | | | | |
| 5.3 | 660 | 256.47 | 15500 | 1.90 | S | 77 | D80K4 |
| 6.0 | 590 | 225.26 | 15800 | 2.2 | SF | 77 | D80K4 |
| 6.4 | 560 | 214.00 | 15800 | 2.3 | SA | 77 | D80K4 |
| 7.2 | 505 | 189.09 | 16000 | 2.5 | SAF | 77 | D80K4 |
| 6.3 | 520 | 217.41 | 8660 | 1.00 | | | |
| 7.2 | 465 | 190.11 | 9150 | 1.10 | | | |
| 7.5 | 445 | 180.60 | 9300 | 1.15 | | | |
| 8.6 | 395 | 158.45 | 9620 | 1.30 | S | 67 | D80K4 |
| 10 | 340 | 134.40 | 9930 | 1.55 | SF | 67 | D80K4 |
| 11 | 310 | 121.33 | 10100 | 1.65 | SA | 67 | D80K4 |
| 13 | 275 | 106.75 | 10200 | 1.85 | SAF | 67 | D80K4 |
| 13 | 265 | 100.80 | 10300 | 1.95 | | | |
| 16 | 230 | 85.83 | 10400 | 2.3 | | | |
| 18 | 230 | 75.06 | 10400 | 2.1 | | | |
| 21 | 205 | 65.63 | 10500 | 2.3 | | | |
| 9.6 | 340 | 94.08 | 6710 | 0.85 | | | |
| 11 | 305 | 84.00 | 7030 | 0.95 | | | |
| 13 | 265 | 71.75 | 7360 | 1.10 | S | 57 | D80N6 |
| 13 | 250 | 67.20 | 7470 | 1.15 | SF | 57 | D80N6 |
| 16 | 245 | 54.59 | 7520 | 1.10 | SA | 57 | D80N6 |
| 19 | 215 | 47.32 | 7710 | 1.25 | SAF | 57 | D80N6 |
| 20 | 200 | 44.22 | 7790 | 1.35 | | | |
| 24 | 176 | 38.23 | 7920 | 1.55 | | | |
| 8.6 | 370 | 158.12 | 6330 | 0.80 | | | |
| 9.9 | 330 | 137.05 | 6820 | 0.90 | | | |
| 11 | 310 | 128.10 | 7010 | 0.95 | | | |
| 12 | 270 | 110.73 | 7320 | 1.10 | | | |
| 14 | 235 | 94.08 | 7590 | 1.25 | | | |
| 16 | 210 | 84.00 | 7730 | 1.40 | | | |
| 19 | 184 | 71.75 | 7880 | 1.55 | S | 57 | D80K4 |
| 20 | 174 | 67.20 | 7930 | 1.65 | SF | 57 | D80K4 |
| 25 | 167 | 54.59 | 7960 | 1.45 | SA | 57 | D80K4 |
| 29 | 146 | 47.32 | 8040 | 1.70 | SAF | 57 | D80K4 |
| 31 | 137 | 44.22 | 8080 | 1.80 | | | |
| 36 | 120 | 38.23 | 8130 | 2.0 | | | |
| 42 | 103 | 32.48 | 7970 | 2.4 | | | |
| 47 | 92 | 29.00 | 7730 | 2.7 | | | |
| 55 | 79 | 24.77 | 7390 | 3.1 | | | |
| 59 | 75 | 23.20 | 7250 | 3.3 | | | |
| 67 | 69 | 20.33※ | 6760 | 2.4 | | | |
| 16 | 205 | 84.00 | 5140 | 0.80 | | | |
| 19 | 179 | 71.75 | 5290 | 0.95 | | | |
| 20 | 169 | 67.20 | 5350 | 1.00 | | | |
| 25 | 165 | 54.59 | 5130 | 0.95 | | | |
| 29 | 144 | 47.32 | 5010 | 1.10 | | | |
| 31 | 135 | 44.22 | 4950 | 1.15 | | | |
| 36 | 118 | 38.23 | 4810 | 1.30 | | | |
| 42 | 101 | 32.48 | 4650 | 1.55 | S | 47 | D80K4 |
| 47 | 91 | 29.00 | 4540 | 1.70 | SF | 47 | D80K4 |
| 55 | 78 | 24.77 | 4380 | 2.0 | SA | 47 | D80K4 |
| 59 | 74 | 23.20 | 4310 | 2.1 | SAF | 47 | D80K4 |
| 67 | 69 | 20.33※ | 3920 | 1.60 | | | |
| 77 | 60 | 17.62※ | 3810 | 1.85 | | | |
| 83 | 56 | 16.47※ | 3750 | 1.95 | | | |
| 96 | 49 | 14.24※ | 3630 | 2.2 | | | |
| 112 | 42 | 12.10※ | 3500 | 2.6 | | | |
| 126 | 37 | 10.80※ | 3400 | 2.9 | | | |
| 147 | 32 | 9.23※ | 3270 | 3.4 | | | |

注：带※速比产品在改进中，订货前需沟通

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.55kW** | | | | | |
| 44 | 94 | 30.68 | 2680 | 0.80 | |
| 47 | 89 | 28.76 | 2670 | 0.85 | |
| 54 | 79 | 25.38 | 2630 | 0.95 | |
| 60 | 70 | 22.50 | 2600 | 1.05 | |
| 71 | 60 | 19.13 | 2540 | 1.20 | S 37 D80K4 |
| 88 | 53 | 15.53 ※ | 2230 | 0.95 | SF 37 D80K4 |
| 102 | 46 | 13.39 ※ | 2200 | 1.10 | SA 37 D80K4 |
| 109 | 43 | 12.48 ※ | 2180 | 1.15 | SAF 37 D80K4 |
| 125 | 37 | 10.91 ※ | 2130 | 1.30 | |
| 133 | 35 | 10.23 ※ | 2110 | 1.35 | |
| 151 | 31 | 9.02 ※ | 2070 | 1.50 | |
| 170 | 28 | 8.00 ※ | 2020 | 1.60 | |
| 200 | 24 | 6.80 ※ | 1950 | 1.80 | |
| 94 | 46 | 28.76 | 2420 | 1.40 | |
| 106 | 41 | 25.38 | 2360 | 1.50 | |
| 120 | 37 | 22.50 | 2310 | 1.55 | |
| 136 | 34 | 19.89 ※ | 2100 | 1.30 | |
| 148 | 32 | 18.24 ※ | 2070 | 1.40 | S 37 D71D2 |
| 174 | 27 | 15.53 ※ | 2010 | 1.55 | SF 37 D71D2 |
| 202 | 24 | 13.39 ※ | 1950 | 1.75 | SA 37 D71D2 |
| 216 | 22 | 12.48 ※ | 1920 | 1.85 | SAF 37 D71D2 |
| 248 | 19 | 10.91 ※ | 1870 | 2.0 | |
| 264 | 18 | 10.23 ※ | 1840 | 2.1 | |
| 299 | 16 | 9.02 ※ | 1780 | 2.2 | |
| 338 | 14 | 8.00 ※ | 1730 | 2.5 | |
| 397 | 12 | 6.80 ※ | 1660 | 2.4 | |
| **0.75kW** | | | | | |
| 1.1 | 4840 | 1223 | 21300 | 0.85 | |
| 1.3 | 4240 | 1070 | 30700 | 1.00 | |
| 1.5 | 3650 | 928 | 33900 | 1.15 | S 97 R57 D80N4 |
| 1.7 | 3230 | 824 | 34600 | 1.30 | SF 97 R57 D80N4 |
| 1.9 | 2300 | 714 | 35900 | 1.85 | SA 97 R57 D80N4 |
| 2.2 | 2450 | 626 | 35700 | 1.70 | SAF 97 R57 D80N4 |
| 2.6 | 2110 | 538 | 36100 | 2.0 | |
| 2.8 | 1900 | 484 | 36300 | 2.2 | |
| 1.3 | 3030 | 1032 | 18700 | 0.85 | |
| 1.5 | 2780 | 930 | 25900 | 0.90 | |
| 1.7 | 2510 | 831 | 2750 | 1.00 | S 87 R57 D80N4 |
| 1.9 | 2190 | 719 | 28100 | 1.15 | SF 87 R57 D80N4 |
| 2.2 | 1920 | 624 | 28600 | 1.30 | SA 87 R57 D80N4 |
| 2.5 | 1730 | 558 | 28900 | 1.45 | SAF 87 R57 D80N4 |
| 3.2 | 1390 | 435 | 29300 | 1.75 | |
| 4.3 | 1060 | 323 | 29600 | 2.3 | |
| 4.2 | 1240 | 327 | 12000 | 1.00 | S 77 R37 D80N4 |
| 4.8 | 1110 | 289 | 13100 | 1.10 | SF 77 R37 D80N4 |
| 5.5 | 960 | 250 | 14000 | 1.30 | SA 77 R37 D80N4 |
| 6.3 | 850 | 219 | 14700 | 1.45 | SAF 77 R37 D80N4 |
| 2.4 | 2040 | 286.40 | 36100 | 2.1 | S 97 D100M8 |
| 2.6 | 1890 | 262.22 | 36300 | 2.2 | SF 97 D100M8 |
| 3.0 | 1690 | 231.67 | 36400 | 2.5 | SA 97 D100M8 |
| | | | | | SAF 97 D100M8 |
| 3.1 | 1540 | 288.00 | 29100 | 1.60 | S 87 D90S6 |
| 3.5 | 1400 | 258.18 | 29300 | 1.75 | SF 87 D90S6 |
| 4.1 | 1220 | 222.40 | 29500 | 1.95 | SA 87 D90S6 |
| 4.4 | 1120 | 202.96 | 29600 | 2.1 | SAF 87 D90S6 |
| 4.8 | 1050 | 288.00 | 29600 | 2.2 | S 87 D80N4 |
| 5.3 | 950 | 258.18 | 29700 | 2.4 | SF 87 D80N4 |
| 6.2 | 830 | 222.40 | 29800 | 2.8 | SA 87 D80N4 |
| 6.8 | 765 | 202.96 | 29900 | 3.0 | SAF 87 D80N4 |
| 4.0 | 1160 | 225.26 | 12700 | 1.10 | S 77 D90S6 |
| 4.2 | 1110 | 214.00 | 13100 | 1.15 | SF 77 D90S6 |
| 4.8 | 990 | 189.09 | 13900 | 1.30 | SA 77 D90S6 |
| 5.6 | 860 | 161.60 | 14600 | 1.45 | SAF 77 D90S6 |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.75kW** | | | | | |
| 5.4 | 890 | 256.47 | 14500 | 1.45 | |
| 6.1 | 790 | 225.26 | 14900 | 1.60 | |
| 6.4 | 755 | 214.00 | 15100 | 1.70 | S 77 D80N4 |
| 7.3 | 675 | 189.09 | 15400 | 1.90 | SF 77 D80N4 |
| 8.5 | 585 | 161.60 | 15800 | 2.2 | SA 77 D80N4 |
| 9.3 | 545 | 148.15 | 15900 | 2.3 | SAF 77 D80N4 |
| 11 | 480 | 130.00 | 16000 | 2.5 | |
| 11 | 460 | 123.20 | 16000 | 2.6 | |
| 13 | 405 | 107.83 | 16000 | 2.9 | |
| 7.3 | 625 | 190.11 | 7570 | 0.85 | |
| 7.6 | 595 | 180.60 | 7900 | 0.85 | |
| 8.7 | 530 | 158.45 | 8570 | 1.00 | |
| 10 | 460 | 134.40 | 9180 | 1.15 | |
| 11 | 420 | 121.33 | 9470 | 1.25 | S 67 D80N4 |
| 13 | 375 | 106.75 | 9750 | 1.40 | SF 67 D80N4 |
| 14 | 355 | 100.80 | 9860 | 1.45 | SA 67 D80N4 |
| 16 | 305 | 85.83 | 10100 | 1.70 | SAF 67 D80N4 |
| 18 | 310 | 75.06 | 10100 | 1.55 | |
| 21 | 275 | 65.63 | 10200 | 1.75 | |
| 22 | 260 | 62.35 | 10300 | 1.85 | |
| 25 | 230 | 54.70 | 10300 | 2.1 | |
| 30 | 198 | 46.40 | 9840 | 2.4 | |
| 13 | 365 | 71.75 | 6430 | 0.80 | S 57 D90S6 |
| 13 | 345 | 67.20 | 6660 | 0.85 | SF 57 D90S6 |
| 16 | 295 | 56.61 | 7140 | 1.00 | SA 57 D90S6 |
| 19 | 295 | 47.32 | 7150 | 0.90 | SAF 57 D90S6 |
| 20 | 275 | 44.22 | 7300 | 1.00 | |
| 12 | 365 | 110.73 | 6400 | 0.80 | |
| 15 | 315 | 94.08 | 6930 | 0.95 | |
| 16 | 285 | 84.00 | 7210 | 1.05 | |
| 19 | 250 | 71.75 | 7500 | 1.15 | |
| 21 | 235 | 67.20 | 7590 | 1.20 | |
| 25 | 225 | 54.59 | 7650 | 1.10 | |
| 29 | 197 | 47.32 | 7810 | 1.25 | S 57 D80N4 |
| 31 | 185 | 44.22 | 7870 | 1.35 | SF 57 D80N4 |
| 36 | 161 | 38.23 | 7980 | 1.50 | SA 57 D80N4 |
| 42 | 138 | 32.48 | 7670 | 1.80 | SAF 57 D80N4 |
| 48 | 124 | 29.00 | 7450 | 2.0 | |
| 56 | 107 | 24.77 | 7150 | 2.3 | |
| 59 | 100 | 23.20 | 7030 | 2.5 | |
| 68 | 93 | 20.33 ※ | 6490 | 1.80 | |
| 78 | 81 | 17.62 ※ | 6260 | 2.1 | |
| 84 | 76 | 16.47 ※ | 6160 | 2.2 | |
| 97 | 66 | 14.24 ※ | 5930 | 2.6 | |
| 29 | 194 | 47.32 | 4530 | 0.80 | S 47 D80N4 |
| 31 | 182 | 44.22 | 4500 | 0.85 | SF 47 D80N4 |
| 36 | 159 | 38.23 | 4420 | 1.00 | SA 47 D80N4 |
| 42 | 136 | 32.48 | 4310 | 1.15 | SAF 47 D80N4 |
| 48 | 122 | 29.00 | 4230 | 1.25 | |
| 56 | 106 | 24.77 | 4110 | 1.45 | |
| 59 | 99 | 23.20 | 4060 | 1.55 | |
| 68 | 93 | 20.33 ※ | 3610 | 1.20 | |
| 78 | 81 | 17.62 ※ | 3530 | 1.35 | S 47 D80N4 |
| 84 | 76 | 16.47 ※ | 3490 | 1.45 | SF 47 D80N4 |
| 97 | 66 | 14.24 ※ | 3410 | 1.65 | SA 47 D80N4 |
| 114 | 56 | 12.10 ※ | 3300 | 1.95 | SAF 47 D80N4 |
| 128 | 50 | 10.80 ※ | 3230 | 2.2 | |
| 150 | 43 | 9.23 ※ | 3120 | 2.5 | |
| 160 | 41 | 8.64 ※ | 3070 | 2.7 | |
| 190 | 34 | 7.28 ※ | 2950 | 3.0 | |
| 72 | 81 | 19.13 | 2270 | 0.85 | |
| 111 | 57 | 12.48 ※ | 1930 | 0.85 | S 37 D80N4 |
| 127 | 50 | 10.91 ※ | 1920 | 0.95 | SF 37 D80N4 |
| 135 | 47 | 10.23 ※ | 1910 | 1.00 | SA 37 D80N4 |
| 153 | 42 | 9.02 ※ | 1890 | 1.10 | SAF 37 D80N4 |
| 173 | 37 | 8.00 ※ | 1860 | 1.20 | |
| 203 | 32 | 6.80 ※ | 1820 | 1.35 | |

注：带※速比产品在改进中，订货前需沟通



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **0.75kW** | | | | | |
| 141 | 43 | 19.13 | 2090 | 1.05 | |
| 174 | 37 | 15.53 ※ | 1860 | 1.15 | |
| 202 | 32 | 13.39 ※ | 1820 | 1.30 | S 37 D80K2 |
| 216 | 30 | 12.48 ※ | 1800 | 1.35 | SF 37 D80K2 |
| 248 | 26 | 10.91 ※ | 1760 | 1.50 | SA 37 D80K2 |
| 264 | 25 | 10.23 ※ | 1740 | 1.55 | SAF 37 D80K2 |
| 299 | 22 | 9.02 ※ | 1690 | 1.65 | |
| 338 | 19 | 8.00 ※ | 1650 | 1.80 | |
| 397 | 17 | 6.80 ※ | 1590 | 1.75 | |
| **1.1kW** | | | | | |
| 1.7 | 4720 | 824 | 23300 | 0.90 | |
| 2.0 | 3370 | 714 | 34400 | 1.25 | S 97 R57 D90S4 |
| 2.2 | 3590 | 626 | 34000 | 1.15 | SF 97 R57 D90S4 |
| 2.6 | 3090 | 538 | 34800 | 1.35 | SA 97 R57 D90S4 |
| 2.9 | 2790 | 484 | 35200 | 1.50 | SAF 97 R57 D90S4 |
| 3.3 | 2430 | 420 | 35700 | 1.75 | |
| 2.2 | 2820 | 624 | 25400 | 0.90 | |
| 2.5 | 2550 | 558 | 27400 | 1.00 | |
| 2.9 | 2240 | 485 | 28000 | 1.10 | S 87 R57 D90S4 |
| 3.2 | 2040 | 435 | 28400 | 1.20 | SF 87 R57 D90S4 |
| 3.7 | 1790 | 378 | 28800 | 1.35 | SA 87 R57 D90S4 |
| 4.3 | 1560 | 323 | 29100 | 1.55 | SAF 87 R57 D90S4 |
| 5.0 | 1370 | 281 | 29300 | 1.75 | |
| 5.5 | 1460 | 255 | 29200 | 1.35 | |
| 6.3 | 1280 | 222 | 29400 | 1.55 | |
| 6.8 | 1200 | 205 | 29500 | 1.65 | |
| 6.4 | 1240 | 219 | 12000 | 1.00 | S 77 R37 D90S4<br>SF 77 R37 D90S4<br>SA 77 R37 D90S4<br>SAF 77 R37 D90S4 |
| 2.4 | 3030 | 286.40 | 34900 | 1.40 | S 97 D100L8 |
| 2.6 | 2800 | 262.22 | 35200 | 1.50 | SF 97 D100L8 |
| 2.9 | 2500 | 231.67 | 35600 | 1.70 | SA 97 D100L8 |
| 3.5 | 2160 | 196.52 | 36000 | 1.95 | SAF 97 D100L8 |
| 3.2 | 2310 | 286.40 | 35900 | 1.80 | S 97 D90L6 |
| 3.5 | 2130 | 262.22 | 36000 | 1.95 | SF 97 D90L6 |
| 4.0 | 1900 | 231.67 | 36300 | 2.2 | SA 97 D90L6 |
| | | | | | SAF 97 D90L6 |
| 3.2 | 2220 | 288.00 | 28100 | 1.10 | S 87 D90L6 |
| 3.6 | 2010 | 258.18 | 28400 | 1.20 | SF 87 D90L6 |
| 4.1 | 1760 | 222.40 | 28800 | 1.35 | SA 87 D90L6 |
| 4.5 | 1620 | 202.96 | 29000 | 1.45 | SAF 87 D90L6 |
| 4.9 | 1520 | 288.00 | 29100 | 1.50 | |
| 5.4 | 1370 | 258.18 | 29300 | 1.65 | S 87 D90S4 |
| 6.3 | 1200 | 222.40 | 29500 | 1.90 | SF 87 D90S4 |
| 6.9 | 1100 | 202.96 | 29600 | 2.0 | SA 87 D90S4 |
| 7.8 | 990 | 180.00 | 29700 | 2.2 | SAF 87 D90S4 |
| 9.2 | 840 | 151.30 | 29800 | 2.5 | |
| 6.2 | 1150 | 225.26 | 12800 | 1.10 | |
| 6.5 | 1100 | 214.00 | 13200 | 1.15 | |
| 7.4 | 980 | 189.09 | 13900 | 1.30 | S 77 D90S4 |
| 8.7 | 850 | 161.60 | 14700 | 1.50 | SF 77 D90S4 |
| 9.4 | 785 | 148.15 | 15000 | 1.60 | SA 77 D90S4 |
| 11 | 695 | 130.00 | 15400 | 1.75 | SAF 77 D90S4 |
| 11 | 665 | 123.20 | 15500 | 1.80 | |
| 13 | 585 | 107.83 | 15800 | 2.0 | |
| 14 | 535 | 97.14 | 15900 | 2.1 | |
| 16 | 470 | 85.22 | 16000 | 2.3 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.1kW** | | | | | |
| 12 | 605 | 121.33 | 7790 | 0.85 | |
| 13 | 540 | 106.75 | 8490 | 0.95 | |
| 14 | 515 | 100.80 | 8740 | 1.00 | |
| 16 | 445 | 85.83 | 9300 | 1.15 | |
| 18 | 405 | 78.00 | 9550 | 1.30 | S 67 D90S4 |
| 21 | 400 | 65.63 | 9610 | 1.20 | SF 67 D90S4 |
| 22 | 380 | 62.35 | 9720 | 1.25 | SA 67 D90S4 |
| 26 | 335 | 54.70 | 9560 | 1.45 | SAF 67 D90S4 |
| 30 | 285 | 46.40 | 9240 | 1.65 | |
| 33 | 260 | 41.89 | 9040 | 1.85 | |
| 38 | 230 | 36.85 | 8780 | 2.1 | |
| 40 | 220 | 34.80 | 8660 | 2.2 | |
| 47 | 187 | 29.63 | 8330 | 2.6 | |
| 20 | 360 | 71.75 | 6480 | 0.80 | S 57 D90S4 |
| 21 | 340 | 67.20 | 6710 | 0.85 | SF 57 D90S4 |
| 25 | 290 | 56.61 | 7180 | 0.90 | SA 57 D90S4 |
| 30 | 285 | 47.32 | 7220 | 0.85 | SAF 57 D90S4 |
| 32 | 265 | 44.22 | 7360 | 0.90 | |
| 37 | 235 | 38.23 | 7410 | 1.05 | |
| 43 | 200 | 32.48 | 7170 | 1.25 | |
| 48 | 179 | 29.00 | 7000 | 1.35 | S 57 D90S4 |
| 57 | 154 | 24.77 | 6760 | 1.60 | SF 57 D90S4 |
| 60 | 145 | 23.20 | 6660 | 1.70 | SA 57 D90S4 |
| 72 | 123 | 19.54 ※ | 6390 | 1.75 | SAF 57 D90S4 |
| 79 | 117 | 17.62 ※ | 5870 | 1.45 | |
| 85 | 110 | 16.47 ※ | 5780 | 1.55 | |
| 98 | 95 | 14.24 ※ | 5610 | 1.75 | |
| 116 | 82 | 12.10 ※ | 5400 | 2.1 | |
| 130 | 73 | 10.80 ※ | 5260 | 2.3 | |
| 152 | 63 | 9.23 ※ | 5050 | 2.7 | |
| 48 | 177 | 29.00 | 3720 | 0.90 | |
| 57 | 153 | 24.77 | 3670 | 1.00 | S 47 D90S4 |
| 60 | 143 | 23.20 | 3640 | 1.05 | SF 47 D90S4 |
| 72 | 122 | 19.54 | 3560 | 1.20 | SA 47 D90S4 |
| 79 | 117 | 17.62 ※ | 3070 | 0.95 | SAF 47 D90S4 |
| 85 | 109 | 16.47 ※ | 3060 | 1.00 | |
| 98 | 95 | 14.24 ※ | 3030 | 1.15 | |
| 116 | 81 | 12.10 ※ | 2980 | 1.35 | S 47 D90S4 |
| 130 | 73 | 10.80 ※ | 2940 | 1.50 | SF 47 D90S4 |
| 152 | 63 | 9.23 ※ | 2870 | 1.75 | SA 47 D90S4 |
| 162 | 59 | 8.64 ※ | 2840 | 1.85 | SAF 47 D90S4 |
| 192 | 50 | 7.28 ※ | 2750 | 2.1 | |
| 175 | 54 | 8.00 ※ | 1570 | 0.85 | S 37 D90S4 |
| 206 | 46 | 6.80 ※ | 1580 | 0.95 | SF 37 D90S4 |
| | | | | | SA 37 D90S4 |
| | | | | | SAF 37 D90S4 |
| 202 | 47 | 13.39 ※ | 1590 | 0.85 | |
| 216 | 44 | 12.48 ※ | 1580 | 0.90 | S 37 D80N2 |
| 248 | 39 | 10.91 ※ | 1570 | 1.00 | SF 37 D80N2 |
| 264 | 36 | 10.23 ※ | 1560 | 1.05 | SA 37 D80N2 |
| 299 | 32 | 9.02 ※ | 1540 | 1.10 | SAF 37 D80N2 |
| 338 | 28 | 8.00 ※ | 1510 | 1.25 | |
| 397 | 24 | 6.80 ※ | 1470 | 1.20 | |
| **1.5kW** | | | | | |
| 2.0 | 4590 | 714 | 29100 | 0.90 | |
| 2.2 | 4890 | 626 | 19100 | 0.85 | S 97 R57 D90L4 |
| 2.6 | 4220 | 538 | 31100 | 1.00 | SF 97 R57 D90L4 |
| 2.9 | 3810 | 484 | 33600 | 1.10 | SA 97 R57 D90L4 |
| 3.4 | 3310 | 420 | 34500 | 1.25 | SAF 97 R57 D90L4 |
| 3.8 | 2990 | 376 | 35000 | 1.40 | |
| 4.3 | 2630 | 327 | 35500 | 1.60 | |
| 2.9 | 3060 | 485 | 17200 | 0.80 | |
| 3.2 | 2780 | 435 | 25900 | 0.90 | |
| 3.7 | 2450 | 378 | 27600 | 1.00 | S 87 R57 D90L4 |
| 4.4 | 2130 | 323 | 28200 | 1.15 | SF 87 R57 D90L4 |
| 5.0 | 1870 | 281 | 28600 | 1.30 | SA 87 R57 D90L4 |
| 5.5 | 2000 | 255 | 28400 | 1.00 | SAF 87 R57 D90L4 |
| 6.3 | 1750 | 222 | 28800 | 1.15 | |
| 6.9 | 1630 | 205 | 29000 | 1.20 | |

注：带※速比产品在改进中，订货前需沟通

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.5kW** | | | | | |
| 2.4 | 4030 | 286.40 | 33100 | 1.05 | S **97 D112M8** |
| 2.7 | 3720 | 262.22 | 33700 | 1.15 | SF **97 D112M8** |
| 3.0 | 3330 | 231.67 | 34400 | 1.25 | SA **97 D112M8** |
| 3.6 | 2870 | 196.52 | 35200 | 1.45 | SAF **97 D112M8** |
| 3.2 | 3150 | 286.40 | 34700 | 1.35 | S **97 D100M6** |
| 3.5 | 2910 | 262.22 | 35100 | 1.45 | SF **97 D100M6** |
| 4.0 | 2600 | 231.67 | 35500 | 1.60 | SA **97 D100M6** |
| 4.7 | 2230 | 196.52 | 35900 | 1.90 | SAF **97 D100M6** |
| 4.9 | 2130 | 286.40 | 36000 | 1.90 | S **97 D90L4** |
| 5.4 | 1970 | 262.22 | 36200 | 2.0 | SF **97 D90L4** |
| 6.1 | 1760 | 231.67 | 36400 | 2.3 | SA **97 D90L4** |
| 7.2 | 1510 | 196.52 | 36600 | 2.7 | SAF **97 D90L4** |
| 3.6 | 2740 | 258.18 | 26600 | 0.90 | S **87 D100M6** |
| 4.1 | 2390 | 222.40 | 27700 | 1.00 | SF **87 D100M6** |
| 4.5 | 2200 | 202.96 | 28100 | 1.10 | SA **87 D100M6** |
| 5.1 | 1980 | 180.00 | 28500 | 1.20 | SAF **87 D100M6** |
| 4.9 | 2060 | 288.00 | 28300 | 1.10 | |
| 5.5 | 1860 | 258.18 | 28700 | 1.20 | |
| 6.3 | 1630 | 222.40 | 29000 | 1.40 | |
| 6.9 | 1500 | 202.96 | 29200 | 1.50 | S **87 D90L4** |
| 7.8 | 1340 | 180.00 | 29400 | 1.65 | SF **87 D90L4** |
| 9.3 | 1140 | 151.30 | 29600 | 1.90 | SA **87 D90L4** |
| 10 | 1060 | 139.05 | 29600 | 2.0 | SAF **87 D90L4** |
| 11 | 950 | 123.48 | 29700 | 2.2 | |
| 13 | 850 | 110.40 | 29800 | 2.3 | |
| 14 | 770 | 99.26 | 29900 | 2.5 | |
| 7.5 | 1330 | 189.09 | 10600 | 0.95 | |
| 8.7 | 1150 | 161.60 | 12700 | 1.10 | |
| 9.5 | 1060 | 148.15 | 13400 | 1.15 | |
| 11 | 940 | 130.00 | 14100 | 1.30 | |
| 11 | 900 | 123.20 | 14400 | 1.35 | |
| 13 | 795 | 107.83 | 14900 | 1.45 | |
| 15 | 725 | 97.14 | 15300 | 1.60 | S **77 D90L4** |
| 17 | 640 | 85.22 | 15400 | 1.70 | SF **77 D90L4** |
| 19 | 650 | 75.09 | 14100 | 1.70 | SA **77 D90L4** |
| 20 | 620 | 71.33 | 14000 | 1.80 | SAF **77 D90L4** |
| 21 | 510 | 66.67 | 14600 | 2.0 | |
| 22 | 550 | 63.03 | 13700 | 2.0 | |
| 25 | 440 | 56.92 | 14000 | 2.3 | |
| 26 | 470 | 53.87 | 13200 | 2.3 | |
| 29 | 435 | 49.38 | 13000 | 2.5 | |
| 33 | 385 | 43.33 | 12600 | 2.9 | |
| 16 | 600 | 85.83 | 7850 | 0.85 | S **67 D90L4** |
| 18 | 550 | 78.00 | 8390 | 0.95 | SF **67 D90L4** |
| 21 | 540 | 65.63 | 8510 | 0.90 | SA **67 D90L4** SAF **67 D90L4** |
| 23 | 515 | 62.35 | 8740 | 0.95 | |
| 26 | 455 | 54.70 | 8810 | 1.05 | |
| 30 | 390 | 46.40 | 8590 | 1.25 | |
| 34 | 355 | 41.89 | 8450 | 1.35 | |
| 38 | 310 | 36.85 | 8250 | 1.55 | |
| 41 | 295 | 34.80 | 8160 | 1.60 | S **67 D90L4** |
| 48 | 255 | 29.63 | 7900 | 1.90 | SF **67 D90L4** |
| 52 | 230 | 26.93 | 7740 | 2.1 | SA **67 D90L4** |
| 58 | 220 | 24.44 | 7000 | 1.55 | SAF **67 D90L4** |
| 61 | 210 | 23.22※ | 6950 | 1.60 | |
| 69 | 186 | 20.37※ | 6790 | 1.85 | |
| 82 | 159 | 17.28※ | 6580 | 2.1 | |
| 90 | 144 | 15.60※ | 6440 | 2.4 | |
| 103 | 127 | 13.73※ | 6260 | 2.7 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **1.5kW** | | | | | |
| 43 | 270 | 32.48 | 6630 | 0.90 | |
| 49 | 245 | 29.00 | 6520 | 1.00 | |
| 57 | 210 | 24.77 | 6340 | 1.15 | |
| 61 | 196 | 23.20 | 6270 | 1.25 | |
| 72 | 167 | 19.54 | 6060 | 1.30 | S **57 D90L4** |
| 80 | 159 | 17.62※ | 5430 | 1.05 | SF **57 D90L4** |
| 86 | 149 | 16.47※ | 5380 | 1.15 | SA **57 D90L4** |
| 99 | 129 | 14.24※ | 5250 | 1.30 | SAF **57 D90L4** |
| 117 | 110 | 12.10※ | 5100 | 1.55 | |
| 131 | 99 | 10.80※ | 4980 | 1.70 | |
| 153 | 85 | 9.23※ | 4820 | 2.0 | |
| 99 | 129 | 14.24※ | 2610 | 0.85 | S **47 D90L4** |
| 117 | 110 | 12.10※ | 2620 | 1.00 | SF **47 D90L4** |
| 131 | 99 | 10.80※ | 2620 | 1.10 | SA **47 D90L4** SAF **47 D90L4** |
| 153 | 85 | 9.23※ | 2590 | 1.30 | S **47 D90L4** |
| 163 | 79 | 8.64※ | 2580 | 1.35 | SF **47 D90L4** |
| 194 | 67 | 7.28※ | 2530 | 1.55 | SA **47 D90L4** SAF **47 D90L4** |
| 299 | 44 | 9.02※ | 1330 | 0.85 | S **37 D90S2** |
| 338 | 39 | 8.00※ | 1350 | 0.90 | SF **37 D90S2** |
| 397 | 33 | 6.80※ | 1340 | 0.90 | SA **37 D90S2** SAF **37 D90S2** |
| **2.2kW** | | | | | |
| 3.4 | 4900 | 420 | 18800 | 0.85 | S **97R57 D100M4** |
| 3.8 | 4410 | 376 | 28300 | 0.95 | SF **97R57 D100M4** |
| 4.3 | 3870 | 327 | 33500 | 1.10 | SA **97R57 D100M4** |
| 4.9 | 3420 | 287 | 34300 | 1.25 | SAF **97R57 D100M4** |
| 5.6 | 3000 | 252 | 35000 | 1.40 | |
| 3.3 | 4530 | 286.40 | 30200 | 0.95 | S **97 D112M6** |
| 3.6 | 4180 | 262.22 | 32800 | 1.00 | SF **97 D112M6** |
| 4.1 | 3730 | 231.67 | 33700 | 1.15 | SA **97 D112M6** |
| 4.8 | 3210 | 196.52 | 34600 | 1.30 | SAF **97 D112M6** |
| 4.9 | 3130 | 286.40 | 34800 | 1.30 | |
| 5.4 | 2890 | 262.22 | 35100 | 1.40 | |
| 6.1 | 2570 | 231.67 | 35500 | 1.55 | |
| 7.2 | 2210 | 196.52 | 36000 | 1.80 | |
| 7.8 | 2050 | 180.95 | 36100 | 1.90 | S **97 D100M4** |
| 8.7 | 1840 | 161.74 | 36300 | 2.1 | SF **97 D100M4** |
| 9.7 | 1670 | 145.60 | 36500 | 2.2 | SA **97 D100M4** |
| 11 | 1520 | 131.85 | 36600 | 2.4 | SAF **97 D100M4** |
| 12 | 1360 | 116.92 | 36700 | 2.6 | |
| 13 | 1240 | 105.71 | 36800 | 2.8 | |
| 16 | 1060 | 89.60 | 36900 | 3.1 | |
| 5.5 | 2730 | 258.18 | 26800 | 0.85 | |
| 6.3 | 2380 | 222.40 | 27700 | 0.95 | |
| 6.9 | 2190 | 202.96 | 28100 | 1.05 | |
| 7.8 | 1970 | 180.00 | 28500 | 1.10 | |
| 9.3 | 1680 | 151.30 | 28900 | 1.30 | |
| 10 | 1550 | 139.05 | 29100 | 1.35 | S **87 D100M4** |
| 11 | 1390 | 123.48 | 29300 | 1.50 | SF **87 D100M4** |
| 13 | 1250 | 110.40 | 29500 | 1.60 | SA **87 D100M4** |
| 14 | 1130 | 99.26 | 29600 | 1.75 | SAF **87 D100M4** |
| 16 | 990 | 86.15 | 29700 | 1.90 | |
| 17 | 1060 | 81.76 | 29600 | 1.50 | |
| 18 | 890 | 77.14 | 29800 | 2.0 | |
| 20 | 920 | 70.43 | 29700 | 1.75 | |
| 22 | 840 | 64.27 | 29800 | 1.90 | |
| 25 | 750 | 57.00 | 29900 | 2.1 | |

注：带※速比产品在改进中，订货前需沟通



| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **2.2kW** | | | | | |
| 11 | 1390 | 130.00 | 6140 | 0.85 | |
| 11 | 1320 | 123.20 | 11100 | 0.90 | |
| 13 | 1170 | 107.83 | 12600 | 1.00 | |
| 15 | 1060 | 97.14 | 13400 | 1.10 | |
| 17 | 940 | 85.22 | 14100 | 1.15 | |
| 19 | 840 | 75.20 | 13800 | 1.30 | |
| 21 | 745 | 66.67 | 13500 | 1.40 | |
| 22 | 810 | 63.03 | 12400 | 1.35 | S **77 D100M4** |
| 25 | 645 | 56.92 | 13100 | 1.55 | SF **77 D100M4** |
| 26 | 695 | 53.87 | 12100 | 1.60 | SA **77 D100M4** |
| 29 | 635 | 49.38 | 11900 | 1.75 | SAF **77 D100M4** |
| 33 | 560 | 43.33 | 11700 | 1.95 | |
| 34 | 535 | 41.07 | 11600 | 2.1 | |
| 39 | 470 | 35.94 | 11300 | 2.3 | |
| 44 | 425 | 32.38 | 11000 | 2.6 | |
| 50 | 375 | 28.41 | 10700 | 2.8 | |
| 56 | 330 | 25.07 | 10400 | 3.1 | |
| 62 | 310 | 22.89※ | 9490 | 2.3 | |
| 67 | 285 | 20.99※ | 9340 | 2.5 | |
| 30 | 570 | 46.40 | 7480 | 0.85 | |
| 34 | 515 | 41.89 | 7440 | 0.95 | |
| 38 | 460 | 36.85 | 7360 | 1.05 | |
| 41 | 435 | 34.80 | 7320 | 1.10 | |
| 48 | 370 | 29.63 | 7180 | 1.30 | |
| 52 | 340 | 26.93 | 7080 | 1.40 | S **67 D100M4** |
| 60 | 295 | 23.33 | 6920 | 1.60 | SF **67 D100M4** |
| 69 | 275 | 20.37※ | 6060 | 1.25 | SA **67 D100M4** |
| 82 | 235 | 17.28※ | 5960 | 1.45 | SAF **67 D100M4** |
| 90 | 210 | 15.60※ | 5880 | 1.60 | |
| 103 | 186 | 13.73※ | 5770 | 1.85 | |
| 109 | 176 | 12.96※ | 5710 | 1.95 | |
| 128 | 151 | 11.03※ | 5550 | 2.3 | |
| 141 | 137 | 10.03※ | 5450 | 2.5 | |
| 162 | 119 | 8.69※ | 5300 | 2.8 | |
| 99 | 190 | 14.24※ | 4640 | 0.90 | |
| 117 | 162 | 12.10※ | 4580 | 1.05 | S **57 D100M4** |
| 131 | 145 | 10.80※ | 4520 | 1.15 | SF **57 D100M4** |
| 153 | 124 | 9.23※ | 4420 | 1.35 | SA **57 D100M4** |
| 163 | 117 | 8.64※ | 4380 | 1.40 | SAF **57 D100M4** |
| 194 | 99 | 7.28※ | 4250 | 1.50 | |
| **3.0kW** | | | | | |
| 4.9 | 4710 | 287 | 23700 | 0.90 | S **97R57 D100L4** |
| 5.6 | 4140 | 252 | 32400 | 1.00 | SF **97R57 D100L4** |
| 6.4 | 3620 | 219 | 33900 | 1.15 | SA **97R57 D100L4** |
| 6.8 | 3400 | 205 | 34300 | 1.25 | SAF **97R57 D100L4** |
| 4.9 | 4290 | 286.40 | 32600 | 0.95 | |
| 5.3 | 3960 | 262.22 | 33300 | 1.00 | |
| 6.0 | 3530 | 231.67 | 34100 | 1.15 | |
| 7.1 | 3040 | 196.52 | 34900 | 1.30 | |
| 7.7 | 2810 | 180.95 | 35200 | 1.40 | S **97 D100L4** |
| 8.7 | 2530 | 161.74 | 35600 | 1.50 | SF **97 D100L4** |
| 9.6 | 2300 | 145.60 | 35900 | 1.65 | SA **97 D100L4** |
| 11 | 2090 | 131.85 | 36100 | 1.75 | SAF **97 D100L4** |
| 12 | 1870 | 116.92 | 36300 | 1.90 | |
| 13 | 1700 | 105.71 | 36400 | 2.0 | |
| 16 | 1450 | 89.60 | 36600 | 2.2 | |
| 17 | 1470 | 80.85 | 36600 | 2.2 | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | 机型号 Model |
|---|---|---|---|---|---|
| **3.0kW** | | | | | |
| 7.8 | 2700 | 180.00 | 27100 | 0.80 | |
| 9.2 | 2300 | 151.30 | 27900 | 0.95 | |
| 10 | 2130 | 139.05 | 28200 | 1.00 | |
| 11 | 1900 | 123.48 | 28600 | 1.10 | |
| 13 | 1720 | 110.40 | 28900 | 1.15 | |
| 14 | 1550 | 99.26 | 29100 | 1.25 | |
| 16 | 1360 | 86.15 | 29300 | 1.40 | S **87 D100L4** |
| 17 | 1460 | 81.76 | 29200 | 1.10 | SF **87 D100L4** |
| 18 | 1230 | 77.14 | 29500 | 1.50 | SA **87 D100L4** |
| 20 | 1260 | 70.43 | 29400 | 1.25 | SAF **87 D100L4** |
| 22 | 1160 | 64.27 | 29500 | 1.40 | |
| 25 | 1030 | 57.00 | 29700 | 1.55 | |
| 29 | 870 | 47.91 | 29800 | 1.85 | |
| 32 | 800 | 44.03 | 29800 | 2.0 | |
| 36 | 715 | 39.10 | 29900 | 2.2 | |
| 40 | 640 | 34.96 | 29900 | 2.5 | |
| 16 | 1290 | 85.22 | 11500 | 0.85 | S **77 D100L4** |
| 19 | 1150 | 75.20 | 12500 | 0.95 | SF **77 D100L4** |
| 21 | 1020 | 66.67 | 12400 | 1.00 | SA **77 D100L4** |
| 22 | 1110 | 63.03 | 10900 | 1.00 | SAF **77 D100L4** |
| 25 | 880 | 56.92 | 12100 | 1.10 | |
| 26 | 950 | 53.87 | 10800 | 1.15 | |
| 28 | 880 | 49.38 | 10800 | 1.25 | |
| 32 | 770 | 43.33 | 10700 | 1.40 | |
| 34 | 735 | 41.07 | 10600 | 1.50 | |
| 39 | 645 | 35.94 | 10400 | 1.70 | |
| 43 | 585 | 32.38 | 10300 | 1.85 | S **77 D100L4** |
| 49 | 515 | 28.41 | 10100 | 2.0 | SF **77 D100L4** |
| 56 | 455 | 25.07 | 9840 | 2.2 | SA **77 D100L4** |
| 61 | 430 | 22.89※ | 8680 | 1.65 | SAF **77 D100L4** |
| 67 | 395 | 20.99※ | 8590 | 1.80 | |
| 76 | 345 | 18.42※ | 8450 | 2.0 | |
| 80 | 330 | 17.45※ | 8390 | 2.2 | |
| 92 | 290 | 15.28※ | 8210 | 2.5 | |
| 102 | 260 | 13.76※ | 8060 | 2.7 | |
| 116 | 230 | 12.07※ | 7870 | 3.1 | |
| 131 | 205 | 10.65※ | 7670 | 3.5 | |
| 40 | 595 | 34.80 | 6350 | 0.80 | S **67 D100L4** SF **67 D100L4** SA **67 D100L4** SAF **67 D100L4** |
| 47 | 510 | 29.63 | 6350 | 0.95 | |
| 52 | 465 | 26.93 | 6330 | 1.05 | |
| 60 | 405 | 23.33 | 6270 | 1.20 | |
| 69 | 375 | 20.37※ | 5230 | 0.90 | |
| 81 | 320 | 17.28※ | 5250 | 1.05 | |
| 90 | 290 | 15.60※ | 5240 | 1.15 | S **67 D100L4** |
| 102 | 255 | 13.73※ | 5210 | 1.35 | SF **67 D100L4** |
| 108 | 240 | 12.96※ | 5190 | 1.40 | SA **67 D100L4** |
| 127 | 205 | 11.03※ | 5100 | 1.65 | SAF **67 D100L4** |
| 140 | 188 | 10.03※ | 5050 | 1.80 | |
| 161 | 164 | 8.69※ | 4940 | 2.0 | |
| 185 | 143 | 7.56※ | 4830 | 2.1 | |
| 130 | 199 | 10.80※ | 3990 | 0.85 | S **57 D100L4** |
| 152 | 171 | 9.23※ | 3970 | 1.00 | SF **57 D100L4** |
| 162 | 160 | 8.64※ | 3960 | 1.05 | SA **57 D100L4** |
| 192 | 136 | 7.28※ | 3900 | 1.10 | SAF **57 D100L4** |
| **4.0kW** | | | | | |
| 6.5 | 4780 | 219 | 22700 | 0.90 | S **97R57 D112M4** |
| 6.9 | 4490 | 205 | 27300 | 0.95 | SF **97R57 D112M4** SA **97R57 D112M4** SAF **97R57 D112M4** |

注：带※速比产品在改进中，订货前需沟通

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **4.0kW** | | | | | | |
| 6.1 | 4650 | 231.67 | 28300 | 0.85 | | |
| 7.2 | 3990 | 196.52 | 33200 | 1.00 | | |
| 7.8 | 3700 | 180.95 | 33800 | 1.05 | | |
| 8.8 | 3330 | 161.74 | 34400 | 1.15 | | |
| 9.8 | 3020 | 145.60 | 34900 | 1.25 | S | 97 D112M4 |
| 11 | 2750 | 131.85 | 35300 | 1.35 | SF | 97 D112M4 |
| 12 | 2460 | 116.92 | 35700 | 1.45 | SA | 97 D112M4 |
| 13 | 2230 | 105.71 | 35900 | 1.55 | SAF | 97 D112M4 |
| 16 | 1910 | 89.60 | 36300 | 1.70 | | |
| 18 | 1940 | 80.85 | 36200 | 1.65 | | |
| 20 | 1720 | 71.43 | 36400 | 1.90 | | |
| 23 | 1470 | 60.59 | 36600 | 2.2 | | |
| 25 | 1350 | 55.79 | 36700 | 2.4 | | |
| 12 | 2510 | 123.48 | 27500 | 0.80 | | |
| 13 | 2260 | 110.40 | 28000 | 0.90 | | |
| 14 | 2040 | 99.26 | 28400 | 0.95 | | |
| 16 | 1790 | 86.15 | 28800 | 1.05 | | |
| 18 | 1610 | 77.14 | 29000 | 1.15 | | |
| 20 | 1660 | 70.43 | 28900 | 0.95 | S | 87 D112M4 |
| 22 | 1520 | 64.27 | 29100 | 1.05 | SF | 87 D112M4 |
| 25 | 1350 | 57.00 | 29300 | 1.20 | SA | 87 D112M4 |
| 30 | 1150 | 47.91 | 29500 | 1.40 | SAF | 87 D112M4 |
| 32 | 1060 | 44.03 | 29600 | 1.50 | | |
| 36 | 940 | 39.10 | 29700 | 1.70 | | |
| 41 | 840 | 34.96 | 29800 | 1.90 | | |
| 45 | 760 | 31.43 | 29100 | 2.1 | | |
| 52 | 665 | 27.28 | 28200 | 2.4 | | |
| 56 | 635 | 25.50 ※ | 26600 | 1.95 | | |
| 25 | 1160 | 56.92 | 10800 | 0.85 | S | 77 D112M4 |
| 26 | 1250 | 53.87 | 9250 | 0.90 | SF | 77 D112M4 |
| 29 | 1150 | 49.38 | 9320 | 0.95 | SA | 77 D112M4 |
| 33 | 1020 | 43.33 | 9370 | 1.10 | SAF | 77 D112M4 |
| 35 | 960 | 41.07 | 9370 | 1.15 | | |
| 40 | 850 | 35.94 | 9340 | 1.30 | | |
| 44 | 765 | 32.38 | 9290 | 1.40 | | |
| 50 | 675 | 28.41 | 9190 | 1.55 | | |
| 57 | 600 | 25.07 | 9070 | 1.70 | | |
| 62 | 565 | 22.89 ※ | 7650 | 1.25 | S | 77 D112M4 |
| 68 | 520 | 20.99 ※ | 7650 | 1.35 | SF | 77 D112M4 |
| 77 | 455 | 18.42 ※ | 7620 | 1.55 | SA | 77 D112M4 |
| 81 | 435 | 17.45 ※ | 7590 | 1.65 | SAF | 77 D112M4 |
| 93 | 380 | 15.28 ※ | 7510 | 1.85 | | |
| 103 | 345 | 13.76 ※ | 7430 | 2.1 | | |
| 118 | 300 | 12.07 ※ | 7310 | 2.4 | | |
| 133 | 265 | 10.65 ※ | 7170 | 2.7 | | |
| 150 | 235 | 9.44 ※ | 7030 | 3.1 | | |
| 176 | 205 | 8.06 ※ | 6830 | 3.3 | | |
| 82 | 420 | 17.28 ※ | 3810 | 0.80 | | |
| 91 | 380 | 15.60 ※ | 4180 | 0.90 | S | 67 D112M4 |
| 103 | 335 | 13.73 ※ | 4500 | 1.00 | SF | 67 D112M4 |
| 110 | 320 | 12.96 ※ | 4520 | 1.05 | SA | 67 D112M4 |
| 129 | 270 | 11.03 ※ | 4530 | 1.25 | SAF | 67 D112M4 |
| 142 | 245 | 10.03 ※ | 4520 | 1.35 | | |
| 163 | 215 | 8.69 ※ | 4490 | 1.55 | | |
| 188 | 188 | 7.56 ※ | 4430 | 1.55 | | |
| **5.5kW** | | | | | | |
| 8.8 | 4550 | 161.74 | 29900 | 0.85 | | |
| 9.8 | 4130 | 145.60 | 32900 | 0.90 | | |
| 11 | 3760 | 131.85 | 33700 | 0.95 | | |
| 12 | 3360 | 116.92 | 34400 | 1.05 | | |
| 14 | 3050 | 105.71 | 34900 | 1.15 | S | 97 D132S4 |
| 16 | 2610 | 89.60 | 35500 | 1.25 | SF | 97 D132S4 |
| 18 | 2290 | 78.26 | 35900 | 1.35 | SA | 97 D132S4 |
| 20 | 2350 | 71.43 | 35800 | 1.40 | SAF | 97 D132S4 |
| 22 | 1930 | 65.45 | 36200 | 1.50 | | |
| 24 | 2000 | 60.59 | 36200 | 1.65 | | |
| 26 | 1850 | 55.79 | 36300 | 1.80 | | |
| 29 | 1660 | 49.87 | 36500 | 2.0 | | |
| 32 | 1500 | 44.89 | 36600 | 2.2 | | |
| 35 | 1360 | 40.65 | 36700 | 2.4 | | |

| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **5.5kW** | | | | | | |
| 19 | 2200 | 77.14 | 28100 | 0.85 | S | 87 D132S4 |
| 22 | 1850 | 64.00 | 28700 | 0.90 | SF | 87 D132S4 |
| 25 | 1850 | 57.00 | 28700 | 0.85 | SA | 87 D132S4 |
| 30 | 1560 | 47.91 | 29100 | 1.00 | SAF | 87 D132S4 |
| 32 | 1440 | 44.03 | 29200 | 1.10 | | |
| 37 | 1280 | 39.10 | 29200 | 1.25 | | |
| 41 | 1150 | 34.96 | 28600 | 1.40 | | |
| 45 | 1040 | 31.43 | 28000 | 1.55 | | |
| 52 | 910 | 27.28 | 27200 | 1.75 | S | 87 D132S4 |
| 56 | 870 | 25.50 ※ | 25200 | 1.45 | SF | 87 D132S4 |
| 67 | 730 | 21.43 ※ | 24500 | 1.70 | SA | 87 D132S4 |
| 73 | 675 | 19.70 ※ | 24100 | 1.85 | SAF | 87 D132S4 |
| 82 | 600 | 17.49 ※ | 23500 | 2.1 | | |
| 91 | 535 | 15.64 ※ | 23000 | 2.3 | | |
| 102 | 485 | 14.06 ※ | 22500 | 2.6 | | |
| 117 | 420 | 12.21 ※ | 21800 | 3.0 | | |
| 131 | 375 | 10.93 ※ | 21200 | 3.3 | | |
| 35 | 1320 | 41.07 | 7560 | 0.85 | S | 77 D132S4 |
| 40 | 1160 | 35.94 | 7750 | 0.95 | SF | 77 D132S4 |
| 44 | 1050 | 32.38 | 7850 | 1.05 | SA | 77 D132S4 |
| | | | | | SAF | 77 D132S4 |
| 50 | 920 | 28.41 | 7920 | 1.15 | | |
| 57 | 820 | 25.07 | 7940 | 1.25 | | |
| 64 | 725 | 22.22 | 7920 | 1.35 | | |
| 78 | 625 | 18.42 ※ | 5920 | 1.15 | S | 77 D132S4 |
| 82 | 590 | 17.45 ※ | 6170 | 1.20 | SF | 77 D132S4 |
| 94 | 520 | 15.28 ※ | 6490 | 1.35 | SA | 77 D132S4 |
| 104 | 470 | 13.76 ※ | 6510 | 1.50 | SAF | 77 D132S4 |
| 118 | 410 | 12.07 ※ | 6500 | 1.75 | | |
| 134 | 365 | 10.65 ※ | 6450 | 2.0 | | |
| 151 | 325 | 9.44 ※ | 6390 | 2.2 | | |
| 177 | 275 | 8.06 ※ | 6280 | 2.5 | | |
| 130 | 370 | 11.03 ※ | 2930 | 0.90 | S | 67 D132S4 |
| 143 | 340 | 10.03 ※ | 3260 | 1.00 | SF | 67 D132S4 |
| 165 | 295 | 8.69 ※ | 3670 | 1.15 | SA | 67 D132S4 |
| 189 | 255 | 7.56 ※ | 3850 | 1.15 | SAF | 67 D132S4 |
| **7.5kW** | | | | | | |
| 14 | 4160 | 105.71 | 32900 | 0.85 | | |
| 16 | 3560 | 89.60 | 34100 | 0.90 | | |
| 18 | 3130 | 78.26 | 34800 | 1.00 | | |
| 20 | 3200 | 71.43 | 34600 | 1.05 | | |
| 22 | 2630 | 65.45 | 35500 | 1.10 | | |
| 24 | 2730 | 60.59 | 35300 | 1.20 | S | 97 D132M4 |
| 26 | 2520 | 55.79 | 35600 | 1.30 | SF | 97 D132M4 |
| 29 | 2260 | 49.87 | 35900 | 1.45 | SA | 97 D132M4 |
| 32 | 2040 | 44.89 | 36100 | 1.60 | SAF | 97 D132M4 |
| 35 | 1850 | 40.65 | 36300 | 1.80 | | |
| 40 | 1650 | 36.05 | 36200 | 2.0 | | |
| 44 | 1490 | 32.60 | 35500 | 2.2 | | |
| 54 | 1240 | 26.39 ※ | 32000 | 2.1 | | |
| 61 | 1110 | 23.59 ※ | 31400 | 2.3 | | |
| 67 | 1000 | 21.23 ※ | 30700 | 2.6 | | |
| 74 | 910 | 19.23 ※ | 30100 | 2.9 | | |
| 32 | 1970 | 44.03 | 27800 | 0.80 | S | 87 D132M4 |
| 37 | 1750 | 39.10 | 27400 | 0.90 | SF | 87 D132M4 |
| 41 | 1570 | 34.96 | 27000 | 1.00 | SA | 87 D132M4 |
| | | | | | SAF | 87 D132M4 |
| 45 | 1420 | 31.43 | 26500 | 1.15 | | |
| 52 | 1230 | 27.28 | 25900 | 1.30 | | |
| 56 | 1180 | 25.50 ※ | 23500 | 1.05 | | |
| 67 | 1000 | 21.43 ※ | 23000 | 1.25 | S | 87 D132M4 |
| 73 | 920 | 19.70 ※ | 22700 | 1.35 | SF | 87 D132M4 |
| 82 | 820 | 17.49 ※ | 22300 | 1.50 | SA | 87 D132M4 |
| 91 | 730 | 15.64 ※ | 21900 | 1.70 | SAF | 87 D132M4 |
| 102 | 660 | 14.06 ※ | 21500 | 1.90 | | |
| 117 | 575 | 12.21 ※ | 20900 | 2.2 | | |
| 131 | 515 | 10.93 ※ | 20500 | 2.4 | | |
| 158 | 430 | 9.07 ※ | 19700 | 2.7 | | |
| 181 | 375 | 7.88 ※ | 19100 | 2.7 | | |

注：带※速比产品在改进中，订货前需沟通

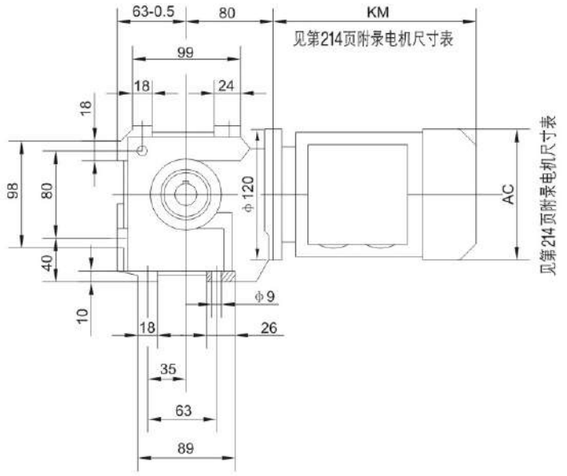


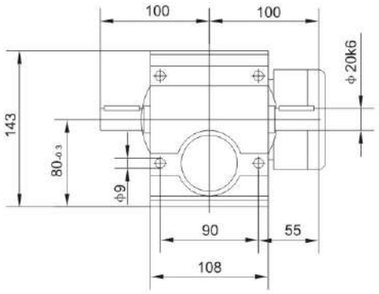
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **7.5kW** | | | | | | |
| 50 | 1260 | 28.41 | 6240 | 0.85 | S | 77 D132M4 |
| 57 | 1110 | 25.07 | 6450 | 0.90 | SF | 77 D132M4 |
| 64 | 990 | 22.22 | 6600 | 1.00 | SA | 77 D132M4 |
| 78 | 850 | 18.42 ※ | 1860 | 0.85 | SAF | 77 D132M4 |
| 82 | 810 | 17.45 ※ | 2290 | 0.90 | | |
| 94 | 705 | 15.28 ※ | 3250 | 1.00 | S | 77 D132M4 |
| 104 | 640 | 13.76 ※ | 3890 | 1.10 | SF | 77 D132M4 |
| 118 | 560 | 12.07 ※ | 4570 | 1.30 | SA | 77 D132M4 |
| 134 | 495 | 10.65 ※ | 5110 | 1.45 | SAF | 77 D132M4 |
| 151 | 440 | 9.44 ※ | 5540 | 1.65 | | |
| 177 | 380 | 8.06 ※ | 5560 | 1.80 | | |
| **9.2kW** | | | | | | |
| 18 | 3810 | 78.26 | 33600 | 0.80 | S | 97 D132ML4 |
| 22 | 3210 | 65.45 | 34600 | 0.90 | SF | 97 D132ML4 |
| 26 | 3070 | 55.79 | 34800 | 1.05 | SA | 97 D132ML4 |
| | | | | | SAF | 97 D132ML4 |
| 29 | 2750 | 49.87 | 35300 | 1.20 | | |
| 32 | 2480 | 44.89 | 35600 | 1.35 | | |
| 35 | 2260 | 40.65 | 35700 | 1.45 | | |
| 40 | 2010 | 36.05 | 35000 | 1.65 | | |
| 44 | 1820 | 32.60 | 34400 | 1.75 | | |
| 55 | 1510 | 26.39 ※ | 30700 | 1.70 | S | 97 D132ML4 |
| 61 | 1350 | 23.59 ※ | 30200 | 1.90 | SF | 97 D132ML4 |
| 68 | 1220 | 21.23 ※ | 29700 | 2.1 | SA | 97 D132ML4 |
| 75 | 1110 | 19.23 ※ | 29200 | 2.3 | SAF | 97 D132ML4 |
| 84 | 980 | 17.05 ※ | 28500 | 2.6 | | |
| 93 | 890 | 15.42 ※ | 28000 | 2.8 | | |
| 110 | 755 | 13.07 ※ | 27000 | 3.1 | | |
| 126 | 660 | 11.41 ※ | 26200 | 3.3 | | |
| 41 | 1910 | 34.96 | 25600 | 0.85 | S | 87 D132ML4 |
| 46 | 1730 | 31.43 | 25300 | 0.95 | SF | 87 D132ML4 |
| 53 | 1500 | 27.28 | 24800 | 1.05 | SA | 87 D132ML4 |
| 59 | 1350 | 24.43 | 24400 | 1.20 | SAF | 87 D132ML4 |
| 71 | 1120 | 20.27 | 23700 | 1.40 | | |
| 73 | 1120 | 19.70 ※ | 21600 | 1.10 | | |
| 82 | 1000 | 17.49 ※ | 21300 | 1.25 | | |
| 92 | 890 | 15.64 ※ | 21000 | 1.40 | S | 87 D132ML4 |
| 102 | 800 | 14.06 ※ | 20700 | 1.55 | SF | 87 D132ML4 |
| 118 | 700 | 12.21 ※ | 20200 | 1.75 | SA | 87 D132ML4 |
| 132 | 625 | 10.93 ※ | 19800 | 2.0 | SAF | 87 D132ML4 |
| 159 | 520 | 9.07 ※ | 19100 | 2.2 | | |
| 183 | 455 | 7.88 ※ | 18600 | 2.2 | | |
| 76 | 1040 | 18.97 ※ | 5760 | 0.90 | | |
| 105 | 780 | 13.76 ※ | 1350 | 0.90 | S | 77 D132ML4 |
| 119 | 685 | 12.07 ※ | 2290 | 1.05 | SF | 77 D132ML4 |
| 135 | 605 | 10.65 ※ | 3060 | 1.20 | SA | 77 D132ML4 |
| 152 | 535 | 9.44 ※ | 3690 | 1.35 | SAF | 77 D132ML4 |
| 179 | 460 | 8.06 ※ | 4360 | 1.50 | | |
| **11.0kW** | | | | | | |
| 26 | 3670 | 55.79 | 33800 | 0.90 | | |
| 29 | 3290 | 49.87 | 34500 | 1.00 | | |
| 32 | 2970 | 44.89 | 34800 | 1.10 | | |
| 35 | 2700 | 40.65 | 34400 | 1.20 | | |
| 40 | 2400 | 36.05 | 33800 | 1.40 | | |
| 44 | 2170 | 32.60 | 33300 | 1.45 | S | 97 D160M4 |
| 55 | 1810 | 26.39 ※ | 29400 | 1.45 | SF | 97 D160M4 |
| 61 | 1620 | 23.59 ※ | 29000 | 1.60 | SA | 97 D160M4 |
| 68 | 1460 | 21.23 ※ | 28600 | 1.80 | SAF | 97 D160M4 |
| 75 | 1320 | 19.23 ※ | 28200 | 1.95 | | |
| 84 | 1180 | 17.05 ※ | 27600 | 2.2 | | |
| 93 | 1070 | 15.42 ※ | 27200 | 2.3 | | |
| 110 | 900 | 13.07 ※ | 26400 | 2.6 | | |
| 126 | 790 | 11.41 ※ | 25700 | 2.8 | | |
| 53 | 1800 | 27.28 | 23700 | 0.90 | S | 87 D160M4 |
| 59 | 1610 | 24.43 | 23400 | 1.00 | SF | 87 D160M4 |
| 71 | 1340 | 20.27 | 22800 | 1.20 | SA | 87 D160M4 |
| | | | | | SAF | 87 D160M4 |

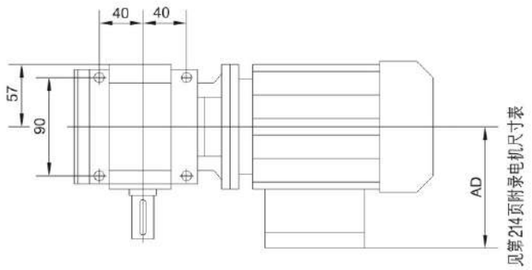
| 输出转速 Output speed $n_2$ [r/min] | 输出转矩 Output torque Ta [N·m] | 传动比 Ratio i | 径向负荷 Permitted overhung load FR2 [N] | 使用系数 Service factor fB | | 机型号 Model |
|---|---|---|---|---|---|---|
| **11.0kW** | | | | | | |
| 73 | 1340 | 19.70 ※ | 20400 | 0.95 | | |
| 82 | 1190 | 17.49 ※ | 20200 | 1.05 | | |
| 92 | 1070 | 15.64 ※ | 20000 | 1.15 | S | 87 D160M4 |
| 102 | 960 | 14.06 ※ | 19800 | 1.30 | SF | 87 D160M4 |
| 118 | 840 | 12.21 ※ | 19400 | 1.50 | SA | 87 D160M4 |
| 132 | 750 | 10.93 ※ | 19100 | 1.65 | SAF | 87 D160M4 |
| 159 | 625 | 9.07 ※ | 18600 | 1.85 | | |
| 183 | 545 | 7.88 ※ | 18100 | 1.85 | | |
| **15.0kW** | | | | | | |
| 33 | 4000 | 44.89 | 31400 | 0.85 | S | 97 D160L4 |
| 36 | 3630 | 40.65 | 31300 | 0.90 | SF | 97 D160L4 |
| 41 | 3230 | 36.05 | 31000 | 1.00 | SA | 97 D160L4 |
| | | | | | SAF | 97 D160L4 |
| 45 | 2920 | 32.60 | 30800 | 1.10 | | |
| 55 | 2430 | 26.39 ※ | 26400 | 1.05 | | |
| 62 | 2180 | 23.59 ※ | 26300 | 1.20 | | |
| 69 | 1970 | 21.23 ※ | 26200 | 1.30 | S | 97 D160L4 |
| 76 | 1780 | 19.23 ※ | 26000 | 1.45 | SF | 97 D160L4 |
| 86 | 1580 | 17.05 ※ | 25700 | 1.60 | SA | 97 D160L4 |
| 95 | 1430 | 15.42 ※ | 25400 | 1.70 | SAF | 97 D160L4 |
| 112 | 1220 | 13.07 ※ | 24800 | 1.90 | | |
| 128 | 1060 | 11.41 ※ | 24300 | 2.1 | | |
| 153 | 890 | 9.55 ※ | 23600 | 2.3 | | |
| 177 | 775 | 8.26 ※ | 22900 | 2.3 | | |
| 93 | 1430 | 15.64 ※ | 17900 | 0.85 | S | 87 D160L4 |
| 104 | 1290 | 14.06 ※ | 17900 | 0.95 | SF | 87 D160L4 |
| 120 | 1120 | 12.21 ※ | 17800 | 1.10 | SA | 87 D160L4 |
| | | | | | SAF | 87 D160L4 |
| 134 | 1010 | 10.93 ※ | 17600 | 1.25 | S | 87 D160L4 |
| 161 | 840 | 9.07 ※ | 17300 | 1.35 | SF | 87 D160L4 |
| 185 | 730 | 7.88 ※ | 17000 | 1.40 | SA | 87 D160L4 |
| | | | | | SAF | 87 D160L4 |
| **18.5kW** | | | | | | |
| 41 | 3970 | 36.05 | 28700 | 0.85 | | |
| 45 | 3590 | 32.60 | 28600 | 0.90 | | |
| 53 | 3060 | 27.63 | 28400 | 1.00 | | |
| 61 | 2680 | 24.13 | 28100 | 1.05 | | |
| 69 | 2420 | 21.23 ※ | 24100 | 1.10 | S | 97 D180M4 |
| 76 | 2190 | 19.23 ※ | 24100 | 1.20 | SF | 97 D180M4 |
| 86 | 1950 | 17.05 ※ | 24000 | 1.30 | SA | 97 D180M4 |
| 95 | 1760 | 15.42 ※ | 23900 | 1.40 | SAF | 97 D180M4 |
| 112 | 1500 | 13.07 ※ | 23500 | 1.55 | | |
| 128 | 1310 | 11.41 ※ | 23200 | 1.70 | | |
| 153 | 1100 | 9.55 ※ | 22600 | 1.85 | | |
| 177 | 950 | 8.26 ※ | 22100 | 1.85 | | |
| **22kW** | | | | | | |
| 53 | 3630 | 27.63 | 26600 | 0.85 | S | 97 D180L4 |
| 61 | 3180 | 24.13 | 26500 | 0.90 | SF | 97 D180L4 |
| 69 | 2870 | 21.23 ※ | 19800 | 0.90 | SA | 97 D180L4 |
| 76 | 2600 | 19.23 ※ | 21800 | 1.00 | SAF | 97 D180L4 |
| 86 | 2310 | 17.05 ※ | 22300 | 1.10 | | |
| 95 | 2090 | 15.42 ※ | 22400 | 1.20 | S | 97 D180L4 |
| 112 | 1780 | 13.07 ※ | 22300 | 1.30 | SF | 97 D180L4 |
| 128 | 1560 | 11.41 ※ | 22100 | 1.40 | SA | 97 D180L4 |
| 153 | 1300 | 9.55 ※ | 21700 | 1.55 | SAF | 97 D180L4 |
| 177 | 1130 | 8.26 ※ | 21300 | 1.55 | | |

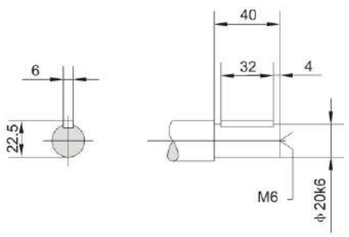
注：带※速比产品在改进中，订货前需沟通

## S37..

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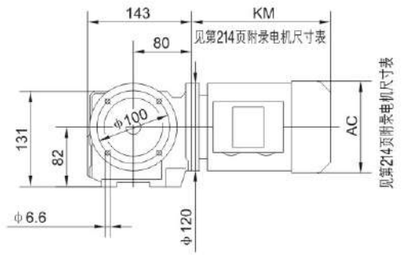


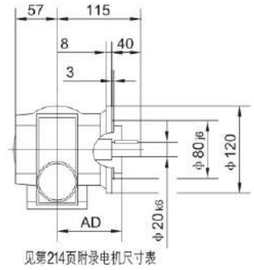


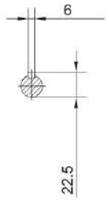


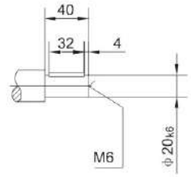


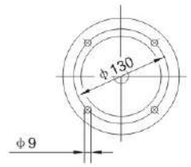


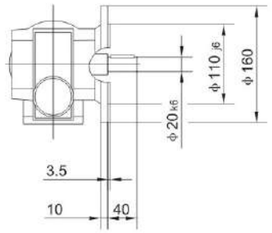


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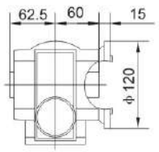
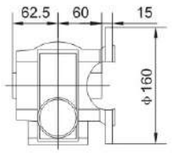
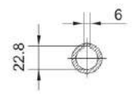
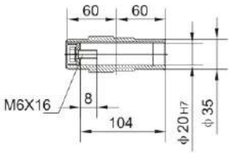
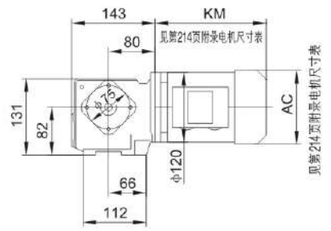


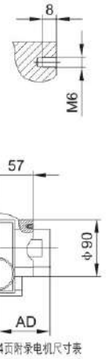



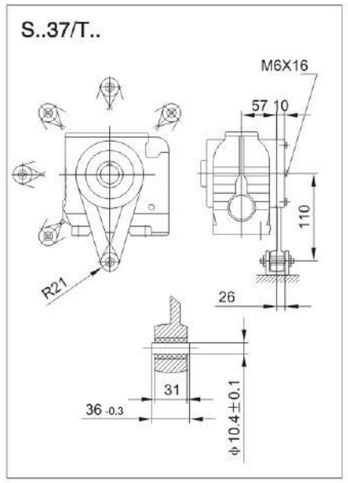



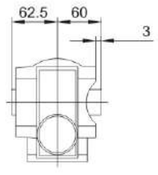



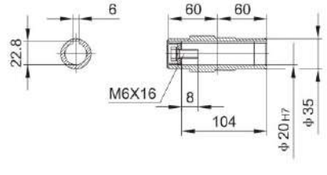
## SA37..



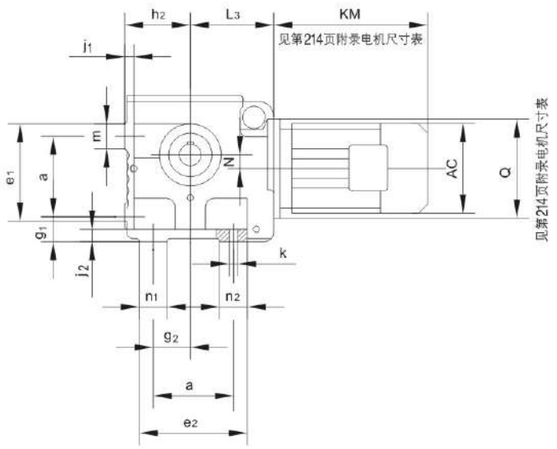



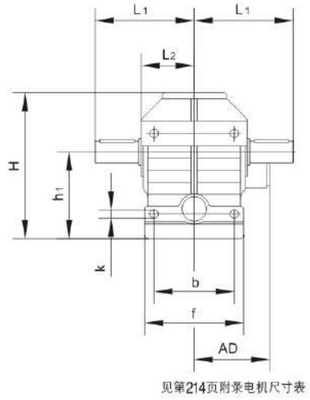



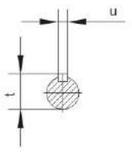



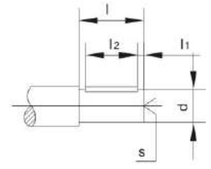




## S47..~S97..



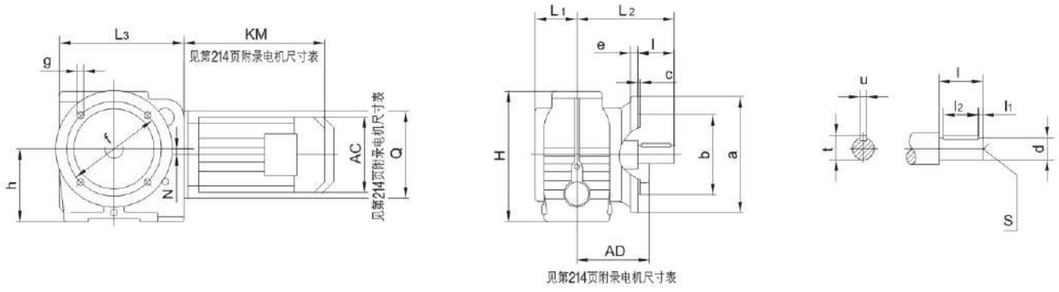



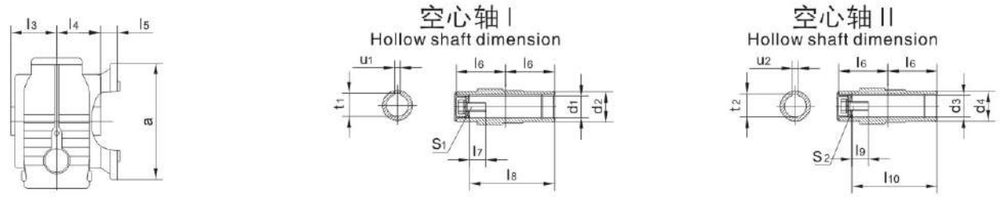




| 型号 Model | a<br>b | e1<br>e2<br>f | g1<br>g2 | h1<br>h2 | j<br>j<br>k | m<br>n1<br>n2 | 轴伸尺寸 Shaft dimension<br>d<br>l | <br>l1<br>l2 | <br>s | <br>t<br>u | L1<br>L2<br>L3 | H | N<br>Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S47.. | 80<br>100 | 105<br>112<br>120 | 35<br>35 | $100_{-0.5}$<br>$75_{-0.5}$ | 12<br>15<br>11 | 25<br>30<br>30 | 25k6<br>50 | 5<br>40 | M10 | 28<br>8 | 115<br>60<br>96 | 165 | 8<br>120 |
| S57.. | 100<br>110 | 130<br>130<br>136 | 35<br>45 | $112_{-0.5}$<br>$80_{-0.5}$ | 12<br>15<br>11 | 30<br>30<br>30 | 30k6<br>60 | 3.5<br>50 | M10 | 33<br>8 | 134<br>71<br>107 | 189 | 20<br>120 |
| S67.. | 130<br>130 | 170<br>175<br>160 | 40<br>60 | $140_{-0.5}$<br>$106_{-0.5}$ | 15<br>20<br>13.5 | 40<br>45<br>45 | 35k6<br>70 | 7<br>56 | M12 | 38<br>10 | 160<br>85.5<br>135 | 236 | 22<br>160 |
| S77.. | 135<br>150 | 177<br>204<br>185 | 70<br>75 | $180_{-0.5}$<br>$125_{-0.5}$ | 25<br>25<br>17.5 | 42<br>50<br>69 | 45k6<br>90 | 5<br>80 | M16 | 48.5<br>14 | 195<br>101<br>162 | 301 | 34<br>200 |
| S87.. | 180<br>200 | 230<br>247<br>250 | 82<br>92 | $225_{-0.5}$<br>$150_{-0.5}$ | 30<br>30<br>22 | 50<br>60<br>67 | 60m6<br>120 | 5<br>110 | M20 | 64<br>18 | 255<br>130<br>190 | 368 | 37.5<br>250 |
| S97.. | 235<br>250 | 295<br>320<br>300 | 90<br>115 | $280_{-1}$<br>$180_{-0.5}$ | 35<br>35<br>26 | 60<br>80<br>85 | 70m6<br>140 | 7.5<br>125 | M20 | 74.5<br>20 | 295<br>150<br>240 | 455 | 52<br>300 |

## SF47..~SF97..



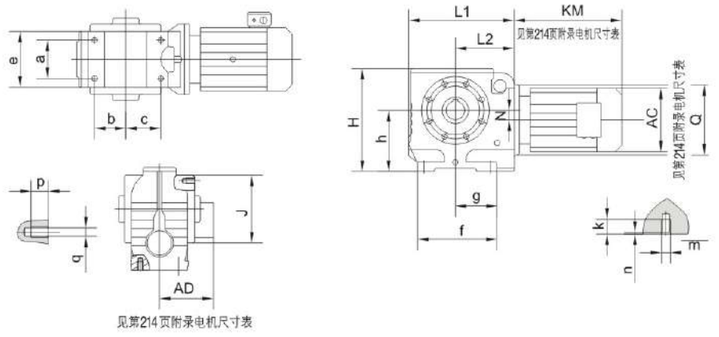

## SAF47..~SAF97..

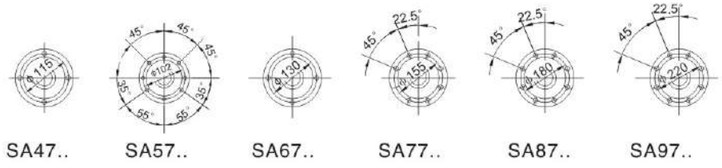


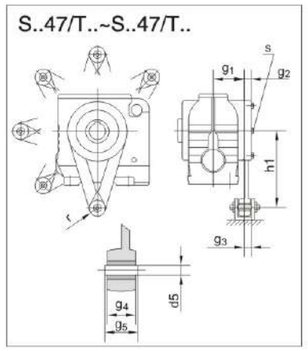

| 型号 Model | 法兰型式 flange form | a<br>b | c<br>e | f<br>g<br>h | 轴伸尺寸 Shaft dimension<br>d<br>l | <br>l1<br>l2 | <br>s<br>t<br>u | 空心轴 I 尺寸 Hollow shaft dimension<br>d1<br>d2 | <br>l3<br>l4<br>l5 | <br>l6<br>l7<br>l8 | <br>s<br>t<br>u | 空心轴 II 尺寸 Hollow shaft dimension<br>d3<br>d4 | <br>l9<br>l10 | <br>s2<br>t2<br>u2 | H | L1<br>L2<br>L3 | NQ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SF47..<br>SAF47.. | Flg.1 | 160<br>110j6 | 3.5<br>10 | 130<br>9<br>100 | 25k6<br>50 | 5<br>40 | M10<br>28<br>8 | $30^{H7}$<br>45 | 63<br>60<br>24 | 60<br>17<br>105 | M10X25<br>33.3<br>8 | $25^{H7}$<br>45 | 17<br>105 | M10X25<br>28.3<br>8 | 179 | 57.5<br>133.5<br>171 | 8<br>120 |
| SF57..<br>SAF57.. | Flg.1 | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>112 | 30k6<br>60 | 3.5<br>50 | M10<br>33<br>8 | $35^{H7}$<br>50 | 78<br>75<br>25 | 75<br>22<br>132 | M12X30<br>38.3<br>10 | $30^{H7}$<br>50 | 17<br>132 | M10X25<br>33.3<br>8 | 189 | 72<br>160<br>187 | 20<br>120 |
| SF67..<br>SAF67.. | Flg.1 | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>140 | 35k6<br>70 | 7<br>56 | M12<br>38<br>10 | $45^{H7}$<br>65 | 87<br>84<br>42.5 | 84<br>29<br>144 | M16X40<br>48.8<br>14 | $40^{H7}$<br>65 | 29<br>144 | M16X40<br>43.3<br>12 | 236 | 80.5<br>190<br>242 | 22<br>160 |
| SF77..<br>SAF77.. | Flg.1 | 250<br>180j6 | 4<br>15 | 215<br>13.5<br>180 | 45k6<br>90 | 5<br>80 | M16<br>48.5<br>14 | $60^{H7}$<br>80 | 108<br>105<br>45.5 | 105<br>37<br>180 | M20X50<br>64.4<br>18 | $50^{H7}$<br>80 | 32<br>183 | M16X45<br>53.8<br>14 | 301 | 121<br>232<br>287 | 34<br>200 |
| SF87..<br>SAF87.. | Flg.1 | 350<br>250h6 | 5<br>18 | 300<br>17.5<br>225 | 60m6<br>120 | 5<br>110 | M20<br>64<br>18 | $70^{H7}$<br>95 | 128<br>125<br>52.5 | 125<br>34<br>220 | M20X50<br>74.9<br>20 | $60^{H7}$<br>95 | 36<br>220 | M20X50<br>64.4<br>18 | 368 | 145<br>290<br>340 | 37.5<br>250 |
| SF97..<br>SAF97.. | Flg.2 | 450<br>350h6 | 5<br>22 | 400<br>17.5<br>280 | 70m6<br>140 | 7.5<br>125 | M20<br>74.5<br>20 | $90^{H7}$<br>120 | 149<br>145<br>60 | 145<br>41<br>255 | M24X60<br>95.4<br>25 | $70^{H7}$<br>120 | 34<br>260 | M20X50<br>74.9<br>20 | 455 | 165<br>340<br>420 | 52<br>300 |

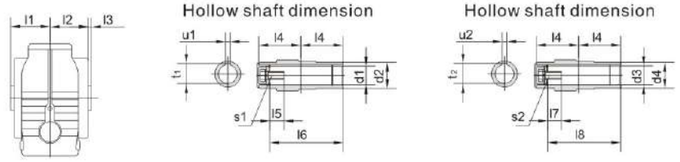


## SA47..~SA97..



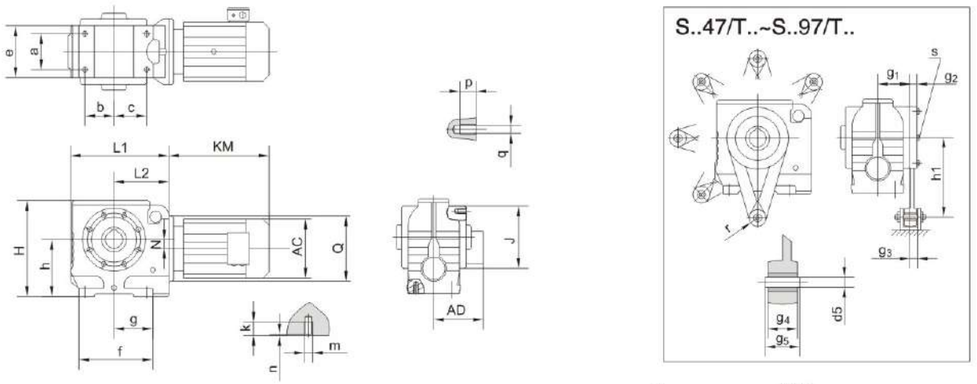



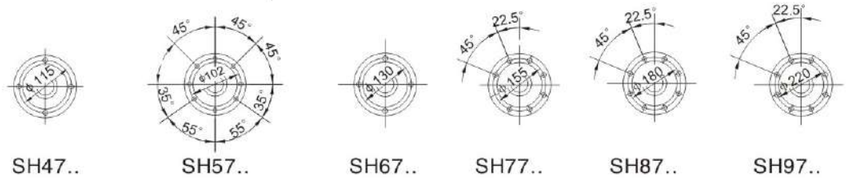



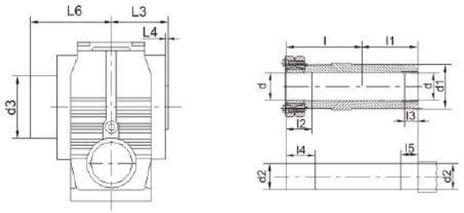




| 型号 Model | a<br>b<br>c | e<br>f<br>g | h | k<br>m<br>h | p<br>q | 空心轴 I 尺寸 Hollow shaft dimension<br>d1<br>d2 | <br>l1<br>l2<br>l3 | <br>l4<br>l5<br>l6 | <br>s1<br>t1<br>u1 | 空心轴 II 尺寸 Hollow shaft dimension<br>d3<br>d4 | <br>l7<br>l8 | <br>s2<br>t2<br>u2 | 扭矩臂尺寸 Torque arm form<br>g1<br>g2<br>g3 | <br>g4<br>g5<br>h1 | <br>d5<br>r<br>s3 | H<br>L1<br>L2 | NQJ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA47..<br>S..47/T.. | 60<br>35<br>52 | 94<br>127<br>67 | 100 | 20<br>M10<br>4 | 12<br>M8 | $30^{H7}$<br>45 | 63<br>60<br>2.5 | 60<br>17<br>105 | M10X25<br>33.3<br>8 | $25^{H7}$<br>45 | 17<br>105 | M10X25<br>28.3<br>8 | 57.5<br>15<br>20.5 | 31<br>$36_{-0.3}$<br>130 | $10.4_{\pm 0.1}$<br>21<br>M8X25 | 179<br>171<br>96 | 8<br>120<br>130 |
| SA57..<br>S..57/T.. | 60<br>58.5<br>58.5 | 100<br>146<br>73 | 112 | 20<br>M10<br>4 | 12<br>M8 | $35^{H7}$<br>50 | 78<br>75<br>3 | 75<br>22<br>132 | M12X30<br>38.3<br>10 | $30^{H7}$<br>50 | 17<br>132 | M10X25<br>33.3<br>8 | 72<br>15<br>18.5 | 31<br>$36_{-0.3}$<br>160 | $10.4_{\pm 0.1}$<br>21<br>M8X25 | 189<br>187<br>107 | 20<br>120<br>120 |
| SA67..<br>S..67/T.. | 88<br>71.5<br>80.5 | 128<br>182<br>95.5 | 140 | 25<br>M12<br>5 | 20<br>M12 | $45^{H7}$<br>65 | 87<br>84<br>3.5 | 84<br>29<br>144 | M16X40<br>48.8<br>14 | $40^{H7}$<br>65 | 29<br>144 | M16X40<br>43.3<br>12 | 80.5<br>18<br>19.5 | 31<br>$36_{-0.3}$<br>200 | $10.4_{\pm 0.1}$<br>21<br>M12X35 | 236<br>242<br>135 | 22<br>160<br>155 |
| SA77..<br>S..77/T.. | 102<br>85<br>85 | 154<br>204<br>104 | 180 | 32<br>M16<br>6 | 20<br>M12 | $60^{H7}$<br>80 | 108<br>105<br>4 | 105<br>37<br>180 | M20X50<br>64.4<br>18 | $50^{H7}$<br>80 | 32<br>183 | M16X45<br>53.8<br>14 | 101<br>18<br>32.5 | 54<br>$60_{-0.3}$<br>250 | $16.4_{\pm 0.08}$<br>30<br>M12X35 | 301<br>287<br>162 | 34<br>200<br>178 |
| SA87..<br>S..87/T.. | 118<br>115<br>110 | 194<br>260<br>125 | 225 | 32<br>M16<br>6 | 26<br>M16 | $70^{H7}$<br>95 | 128<br>125<br>5 | 125<br>34<br>220 | M20X50<br>74.9<br>20 | $60^{H7}$<br>95 | 36<br>220 | M20X50<br>64.4<br>18 | 120<br>24<br>25.5 | 54<br>$60_{-0.5}$<br>310 | $16.4_{\pm 0.08}$<br>30<br>M16X45 | 368<br>340<br>190 | 37.5<br>250<br>215 |
| SA97..<br>S..97/T.. | 160<br>135<br>113 | 236<br>301<br>140 | 280 | 36<br>M20<br>6 | 26<br>M16 | $90^{H7}$<br>120 | 149<br>145<br>5 | 145<br>41<br>255 | M24X60<br>95.4<br>25 | $70^{H7}$<br>120 | 34<br>260 | M20X50<br>74.9<br>20 | 140<br>26<br>33 | 72<br>$80_{-0.5}$<br>380 | $25_{\pm 0.08}$<br>40<br>M16X50 | 455<br>420<br>240 | 52<br>300<br>260 |

## SH47..~SH97..



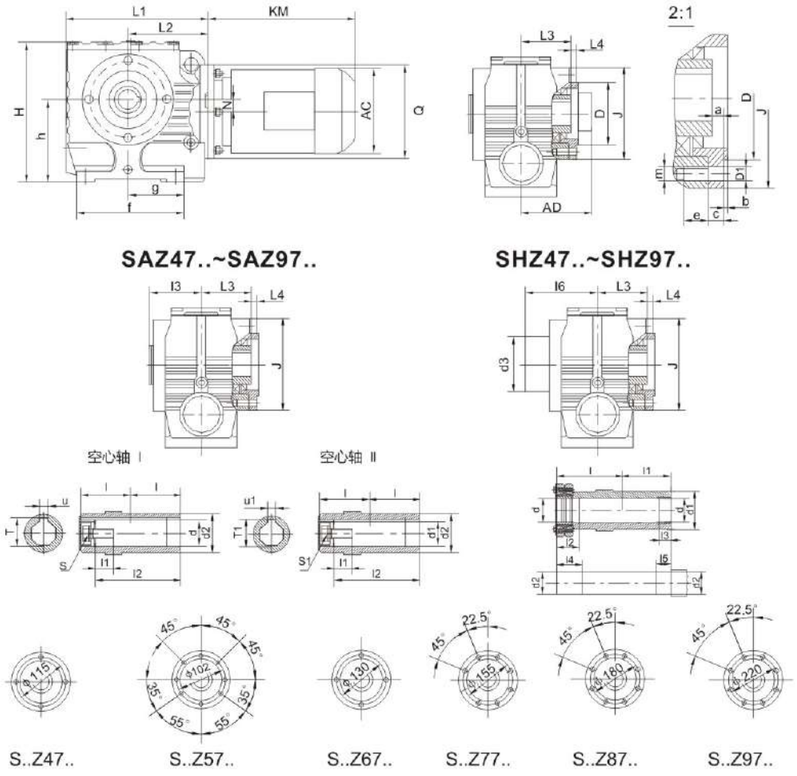





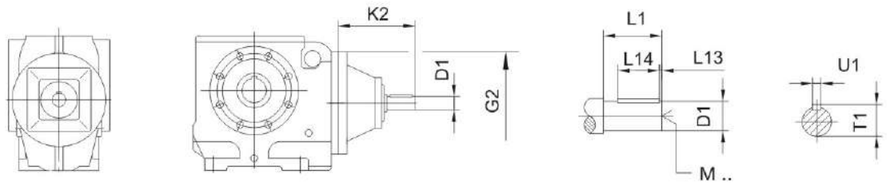
| 型号 Model | a b c | e f g | h | k m h | p q | 空心轴Ⅱ尺寸 Hollow shaft dimension L L1 | L2 L3 | L4 L5 | L6 d | d1 d2 | d3 | 扭矩臂尺寸 Torque arm form g1 g2 g3 | g4 g5 h1 | d5 r s3 | H L1 L2 | L3 L4 | N Q J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SH47/T.. | 60<br>35<br>52 | 94<br>127<br>67 | 100 | 20<br>M10<br>4 | 12<br>M8 | 86<br>60 | 31<br>20 | 36<br>25 | 95<br>30H7 | 45<br>30h6 | 75 | 57.5<br>15<br>20.5 | 31<br>$36_{-0.3}$<br>130 | 10.4±0.1<br>21<br>M8×25 | 179<br>171<br>96 | 60<br>2.5 | 8<br>120<br>130 |
| SH57/T.. | 60<br>58.5<br>58.5 | 100<br>146<br>73 | 112 | 20<br>M10<br>4 | 12<br>M8 | 102<br>75 | 32<br>20 | 37<br>25 | 110<br>35H7 | 50<br>35h6 | 83 | 72<br>15<br>18.5 | 31<br>$36_{-0.3}$<br>160 | 10.4±0.1<br>21<br>M8×25 | 189<br>187<br>107 | 75<br>2.5 | 20<br>120<br>120 |
| SH67/T.. | 88<br>71.5<br>80.5 | 128<br>182<br>95.5 | 140 | 25<br>M12<br>5 | 20<br>M12 | 112<br>84 | 38<br>20 | 43<br>25 | 120<br>40H7 | 65<br>40h6 | 93 | 80.5<br>18<br>19.5 | 31<br>$36_{-0.3}$<br>200 | 10.4±0.1<br>21<br>M12×35 | 236<br>242<br>135 | 84<br>3.5 | 22<br>160<br>155 |
| SH77/T.. | 102<br>85<br>85 | 154<br>204<br>104 | 180 | 32<br>M16<br>6 | 20<br>M12 | 136<br>105 | 36<br>30 | 41<br>35 | 146<br>50H7 | 80<br>50h6 | 114 | 101<br>18<br>32.5 | 54<br>$60_{-0.3}$<br>250 | 16.4±0.08<br>30<br>M12×35 | 301<br>287<br>162 | 105<br>4 | 34<br>200<br>178 |
| SH87/T.. | 118<br>115<br>110 | 194<br>260<br>125 | 225 | 32<br>M16<br>6 | 26<br>M16 | 165<br>125 | 40<br>40 | 45<br>45 | 176<br>65H7 | 95<br>65h6 | 157 | 120<br>24<br>25.5 | 54<br>$60_{-0.5}$<br>310 | 16.4±0.08<br>30<br>M16×45 | 368<br>340<br>190 | 125<br>5 | 375<br>250<br>215 |
| SH97/T.. | 160<br>135<br>113 | 236<br>301<br>140 | 280 | 36<br>M20<br>6 | 26<br>M16 | 190<br>145 | 55<br>50 | 60<br>55 | 204<br>75H7 | 120<br>75h6 | 174 | 140<br>26<br>33 | 72<br>$80_{-0.5}$<br>380 | 25±0.08<br>40<br>M16×50 | 455<br>420<br>240 | 146<br>5 | 52<br>300<br>260 |






| 型号 Model | a b c | e f g | h m | D D1 | l | l1 | l2 | l3 | l4 | l5 | l6 | d | d1 | d2 | d3 | u | u1 | T | T1 | S | S1 | H L1 L2 | L3 L7 | N Q J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAZ47..<br>SHZ47.. | 8.5<br>3<br>11 | 12<br>127<br>67 | 100<br>M8 | 95j6<br>9 | 60<br>86 | 17<br>60 | 105<br>31 | 63<br>20 | -<br>36 | -<br>25 | -<br>95 | 30H7<br>30H7 | 25H7<br>45 | 45<br>30h6 | -<br>75 | 8<br>- | 8<br>- | 33.3<br>- | 28.3<br>- | M10×25<br>- | M10×25<br>- | 179<br>171<br>96 | 60<br>8.5 | 8<br>120<br>130 |
| SAZ57..<br>SHZ57.. | 8<br>3<br>11 | 12<br>146<br>73 | 112<br>M8 | 80j6<br>9 | 75<br>102 | 22<br>75 | 132<br>32 | 78<br>20 | -<br>37 | -<br>25 | -<br>110 | 35H7<br>35H7 | 30H7<br>50 | 50<br>35h6 | -<br>83 | 10<br>- | 8<br>- | 38.3<br>- | 33.3<br>- | M12×60<br>- | M10×25<br>- | 189<br>187<br>107 | 75<br>8 | 20<br>120<br>120 |
| SAZ67..<br>SHZ67.. | 9.5<br>3.5<br>13 | 20<br>182<br>95.5 | 140<br>M12 | 105j6<br>13.5 | 84<br>112 | 29<br>84 | 144<br>38 | 87<br>20 | -<br>43 | -<br>25 | -<br>120 | 45H7<br>40H7 | 40H7<br>65 | 65<br>40h6 | -<br>93 | 14<br>- | 12<br>- | 48.8<br>- | 43.3<br>- | M16×40<br>- | M16×40<br>- | 236<br>242<br>135 | 84<br>9.5 | 22<br>160<br>155 |
| SAZ77..<br>SHZ77.. | 14.5<br>4<br>14 | 18.5<br>204<br>104 | 180<br>M12 | 125j6<br>13.5 | 105<br>136 | 37<br>105 | 180<br>36 | 108<br>30 | -<br>41 | -<br>35 | -<br>146 | 60H7<br>50H7 | 50H7<br>80 | 80<br>50h6 | -<br>114 | 18<br>- | 14<br>- | 64.4<br>- | 53.8<br>- | M20×50<br>- | M16×45<br>- | 301<br>287<br>162 | 105<br>14.5 | 34<br>200<br>178 |
| SAZ87..<br>SHZ87.. | 18.5<br>5<br>13.5 | 23.5<br>260<br>125 | 225<br>M16 | 150j6<br>17.5 | 125<br>165 | 36<br>125 | 220<br>40 | 128<br>40 | -<br>45 | -<br>45 | -<br>176 | 70H7<br>65H7 | 60H7<br>95 | 95<br>65h6 | -<br>157 | 20<br>- | 18<br>- | 74.9<br>- | 64.4<br>- | M20×50<br>- | M20×50<br>- | 368<br>340<br>190 | 125<br>18.5 | 375<br>250<br>215 |
| SAZ97..<br>SHZ97.. | 18.5<br>5<br>13.5 | 23.5<br>301<br>140 | 280<br>M16 | 180j6<br>17.5 | 145<br>190 | 41<br>145 | 255<br>55 | 149<br>50 | -<br>60 | -<br>55 | -<br>204 | 90H7<br>75H7 | 70H7<br>120 | 120<br>75h6 | -<br>174 | 25<br>- | 20<br>- | 95.4<br>- | 74.9<br>- | M24×60<br>- | M20×50<br>- | 455<br>420<br>240 | 145<br>18.5 | 52<br>300<br>260 |

## S..~AD..




| | | G2 | K2 | D1 | L1 | L13 | L14 | T1 | U1 | M |
|---|---|---|---|---|---|---|---|---|---|---|
| S..37, S..47,S..57 | AD1 | 120 | 102 | 16 | 40 | 4 | 32 | 18 | 5 | M5 |
| | AD2 | | 130 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| S..67 | AD2 | 160 | 123 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 159 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| S..77 | AD2 | 200 | 116 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 151 | 24 | 50 | 5 | 40 | 27 | 8 | M8 |
| | AD4 | | 224 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| S..87 | AD2 | 250 | 111 | 19 | 40 | 4 | 32 | 21.5 | 6 | M6 |
| | AD3 | | 165 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 219 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 292 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| S..97 | AD3 | 300 | 151 | 28 | 60 | 5 | 50 | 31 | 8 | M10 |
| | AD4 | | 214 | 38 | 80 | 5 | 70 | 41 | 10 | M12 |
| | AD5 | | 287 | 42 | 110 | 10 | 70 | 45 | 12 | M16 |
| | AD6 | | 327 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |



## S..~AM..

Fig.1

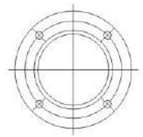
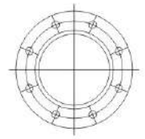
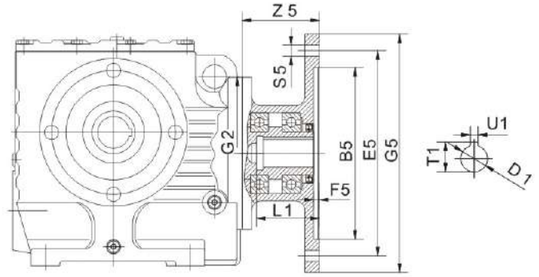


Fig.2

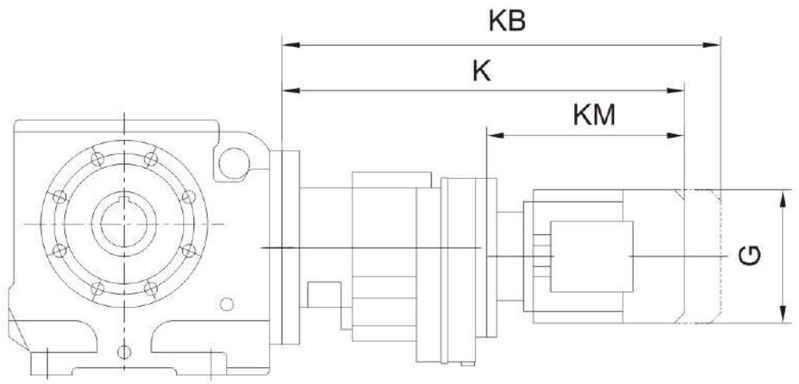





| | | Fig | B5 | E5 | F5 | G2 | G5 | S5 | Z5 | D1 | L1 | T1 | U1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S..37, S..47,S..57 | AM63 | 1 | 95 | 115 | 3.5 | 120 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71[1)] | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80[1)] | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90[1)] | | | | | | | | | 24 | 50 | 27.3 | 8 |
| S..67 | AM63 | 1 | 95 | 115 | 3.5 | 160 | 140 | M8 | 50 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | 54 | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| S..77 | AM63 | 1 | 95 | 115 | 3.5 | 200 | 140 | M8 | 54 | 11 | 23 | 12.8 | 4 |
| | AM71 | | 110 | 130 | | | 160 | | | 14 | 30 | 16.3 | 5 |
| | AM80 | | 130 | 165 | 4.5 | | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100[1)] | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112[1)] | | | | | | | | | | | | |
| | AM132S[1)] AM132M[1)] | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML[1)] | | | | | | | | | | | | |
| S..87 | AM80 | 1 | 130 | 165 | 4.5 | 250 | 200 | M10 | 69 | 19 | 40 | 21.8 | 6 |
| | AM90 | | | | | | | | | 24 | 50 | 27.3 | 8 |
| | AM100 | | 180 | 215 | 5 | | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132MS AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160[1)] | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180[1)] | | | | | | | | | 48 | | 51.8 | 14 |
| S..97 | AM100 | 1 | 180 | 215 | 5 | 300 | 250 | M12 | 81 | 28 | 60 | 31.3 | 8 |
| | AM112 | | | | | | | | | | | | |
| | AM132S AM132M | | 230 | 265 | | | 300 | | 92 | 38 | 80 | 41.3 | 10 |
| | AM132ML | | | | | | | | | | | | |
| | AM160 | | 250 | 300 | 6 | | 350 | M16 | 125 | 42 | 110 | 45.3 | 12 |
| | AM180 | | | | | | | | | 48 | | 51.8 | 14 |
| | AM200[1)] | | 300 | 350 | 7 | | 400 | | 144 | 55 | | 59.3 | 16 |
| | AM225[1)] | 2 | 350 | 400 | | | 450 | | 159 | 60 | 140 | 64.4 | 18 |

1）如果安装在BS系列脚安装方式的减速机伞，请检查尺寸G5、2，它可能已突出安装平面。
Dimension G5/2 May protrude past foot mounting surface if mounted on BS foot – mounted gear unit, please check.

**S..~R..**




| | | G | K | KB | KM |
|---|---|---|---|---|---|
| S..37R17 | D63.. | 155 | 368 | 425 | 193 |
| | D71D | 155 | 369 | 433 | 194 |
| | D80.. | 155 | 419 | 483 | 244 |
| S..47R17<br>S..57R37 | D63.. | 155 | 400 | 425 | 193 |
| | D71D | 155 | 401 | 433 | 194 |
| | D80.. | 155 | 451 | 483 | 244 |
| S..67R37 | D63.. | 155 | 410 | 457 | 235 |
| | D71D | 155 | 401 | 465 | 236 |
| | D80.. | 155 | 451 | 515 | 286 |
| | D90.. | 155 | 451 | 536 | 286 |
| S..77R37 | D63.. | 155 | 392 | 449 | 235 |
| | D71D | 155 | 393 | 457 | 236 |
| | D80.. | 155 | 443 | 507 | 286 |
| | D90.. | 210 | 443 | 528 | 286 |
| S..87R57 | D63.. | 155 | 445 | 502 | 229 |
| | D71D | 155 | 445 | 509 | 229 |
| | D80.. | 155 | 495 | 559 | 279 |
| | D90.. | 210 | 495 | 580 | 279 |
| | D100M | 210 | 545 | 630 | 329 |
| | D100L | 210 | 565 | 650 | 349 |
| S..97R57 | D63.. | 155 | 440 | 497 | 229 |
| | D71D | 155 | 440 | 504 | 229 |
| | D80.. | 155 | 490 | 554 | 279 |
| | D90.. | 210 | 510 | 595 | 299 |
| | D100M | 210 | 540 | 625 | 329 |
| | D100L | 210 | 560 | 645 | 349 |
| | D112M | 240 | 575 | 655 | 364 |

注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。
Ntoes: The dimension of motor in the above table is only refence. If you have special require require. pls consult us.



# 9. 设计和装配注意事项
# Important notes of design and mounting

## 9.1 拆装单键空心轴减速机
## 9.1 Installation / removal of gear units with hollow shafts and keys

重要提示
Installation

・在装配过程中一定要使用所供应的润滑剂。它的作用是防止接触腐蚀和便于拆卸。
Always use the supplied NOCO Fluid paste during the assembly procedure. It avoids contact corrosion and easy for disassembly.
・键的尺寸X是由用户确定，但X必须>Dk。
The key dimension X is defined by the customer, however X must be>DK.

安装
Customer shaft

诺顿推荐两种方法将用户轴安装到单键空心轴上。
NUODUN recommends two methods for mounting gear unit with hollow shafts and keys onto the input shaft of the driven machine(=customer shaft ):

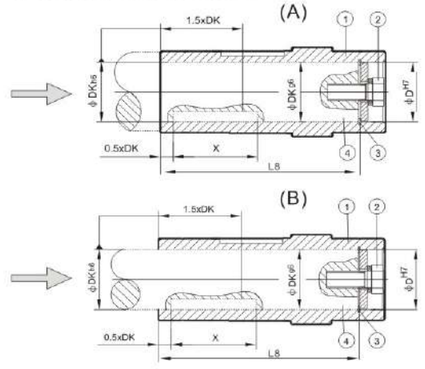
1. 用提供的固定件进行装配
Install with supplied fastening elements
2. 用诺顿可选件: 装卸工具进行装配
Install using the optional NUODUN installation/removal kit

### 9.1.1 提供的固定件
### 9.1.1 Supplied fastening elements

诺顿标准产品提供下列固定件:
The following fastening elements are supplied as standard:

・带垫片的紧固螺栓
Retaining screw with washer ①

・孔用挡圈
Circlip ②




带轴肩的用户轴
用户轴的安装长度必须为L8－1(mm)(图)
Installation length of customer shaft with contact shoulde(A) must be L8 - 1mm

用户轴不带轴肩
安装长度必须等于L8(图)
Installation length of customer shaft with contact shoulde(B) must equal to L8

紧固螺栓要拧紧到MS所示拧紧力矩值
The retaining screw ② must be tightened to the tightening torque MS listed in the following table

① 空心轴 Hollow shaft
② 带垫片的紧固螺栓 Retaining screw with washer
③ 孔用挡圈 Circlip
④ 用户轴 Customer shaft

图: 空心轴组装示意图(带轴肩的用户轴)
Fig: Customer shaft with contact shoulder(A)and without contact shoulder (B)

| 减速器型号 Gear unit type | $D^{H7}$[mm] | DK[mm] | L8[mm] | MS[Nm] |
|---|---|---|---|---|
| SA..37 | 20 | 20 | 84，106，104 | 8 |
| SA..47 | 25 | 25 | 105 | 20 |
| FA..37,KA..37,SA..47,SA..57 | 30 | 30 | 105<br>132 | 20 |
| FA..47,KA..47,SA..57 | 35 | 35 | 132 | 20 |
| FA..57,KA..57<br>FA..67,KA..67<br>SA..67 | 40 | 40 | 142<br>156<br>144 | 40 |
| SA..67 | 45 | 45 | 144 | 40 |
| FA..77,KA..77,SA..77 | 50 | 50 | 183 | 40 |
| FA..87,KA..87<br>SA..77,SA..87 | 60 | 60 | 210<br>180,220 | 80 |
| FA..97,KA..97<br>SA..87,SA..97 | 70 | 70 | 270<br>220,260 | 80 |
| FA..107,KA..107,SA..97 | 90 | 90 | 313,313,255 | 200 |
| FA..127,KA..127 | 100 | 100 | 373 | 200 |
| FA..157,KA..157 | 120 | 120 | 460 | 200 |

## 9.1.2 诺顿拆装工具
## 9.1.2 NUODUN installation / removal kit

可使用诺顿的选件：拆装工具进行装配。可以通过表中给出的零件号订购减速机的拆装工具。诺顿的拆装工具包含以下零件：

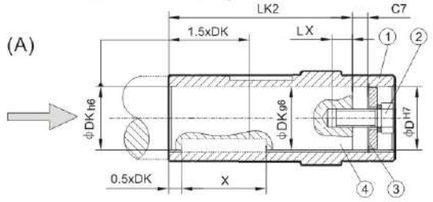
- 对没有轴肩的用户轴装配所用的轴套
- 装配用的紧固螺栓
- 拆卸用的压盘
- 拆卸用的锁母

You can use the optional NUODUN installation/removal kit for installation. The kit can be ordered for the specific gear unit types by quoting the part numbers in the table below. The accesseriyes of the tools includorg:
- Distance piece for installation without contact shoulder ⑤
- Retaining screw for installation ②
- Removal washer for installation ⑦
- Fixed nut for removal ⑧

① 空心轴
② 带垫片的紧固螺栓
③ 孔用挡圈
④ 用户轴
⑤ 轴套

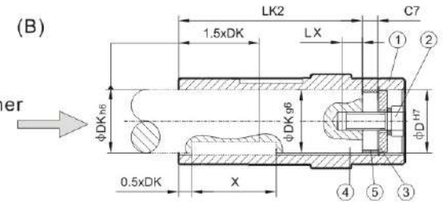
① Hollow shaft
② Retaining screw with washer
③ Chirclip
④ Customer shaft
⑤ Distance piece

(A)




带轴肩的用户轴
安装长度LK2【→图A】不使用轴套
The installation length of the customer shaft must be LK2.
The distance piece must not be used if the customer shaft does have a contact shoulder (A).

(B)




不带轴肩的用户轴
安装长度LK2【→图B】轴套必须使用
The installation length of the customer shaft must be LK2.
The distance piece must not be used if the customer shaft does have a contact shoulder (B)

图: 带轴肩附用户轴（A）和不带轴肩附用户轴(B)
Fig: Customer shaft with contact shoulder(A)and without contact shoulder (B)

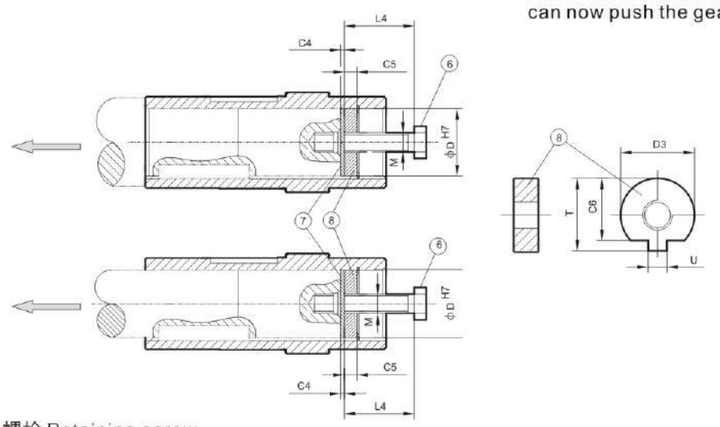
| 减速器型号 Gear unit type | $D^{H7}$[mm] | DK[mm] | LK2[mm] | $LX^{+2}$[Nm] | C7[Nm] | MS[Nm] |
|---|---|---|---|---|---|---|
| SA..37 | 20 | 20 | 92 | 16 | 12 | 8 |
| SA..47 | 25 | 25 | 89 | 22 | 16 | 20 |
| FA..37,KA..37,SA..47<br>SA..57 | 30 | 30 | 89<br>89,116 | 22 | 16 | 20 |
| FA..47,KA..47,SA..57 | 35 | 35 | 114 | 28 | 18 | 20 |
| FA..57,KA..57<br>FA..67,KA..67<br>SA..67 | 40 | 40 | 124<br>138,138,126 | 36 | 18 | 40 |
| SA..67 | 45 | 45 | 126 | 36 | 18 | 40 |
| FA..77,KA..77,SA..77 | 50 | 50 | 165 | 36 | 18 | 40 |
| FA..87,KA..87<br>SA..77,SA..87 | 60 | 60 | 188<br>158,198 | 42 | 22 | 80 |
| FA..97,KA..97<br>SA..87,SA..97 | 70 | 70 | 248<br>198,238 | 42 | 22 | 80 |
| FA..107,KA..107,SA..97 | 90 | 90 | 287<br>229 | 50 | 26 | 200 |
| FA..127,KA..127 | 100 | 100 | 347 | 50 | 26 | 200 |
| FA..157,KA..157 | 120 | 120 | 434 | 50 | 26 | 200 |



## 拆卸 Removal

用诺顿的拆装工具进行装配， 须按以下步骤进行拆卸
1.拆下紧固螺栓⑥
2.拆下挡圈③,若使用了轴套⑤也一并拆下
3.在用户轴④和挡圈③之间按图13装上压盘⑦和锁母⑧
4.重新装上挡圈③
5.重新装上紧固螺栓⑥
这样就可以把轴拆下来。

Applies prior installation with the NUODUN installation/removal kit only.
Proceed as follows for removal:
1.Remone the retaining screw ⑥
2.Remove the Circlip ③ and if used, the distance piece ⑤
3.Insed the removal washer ⑦ and the fixed nut ⑧ between the customer shaft ④ and circlip ③ according to Fig.
4.Re-insert the circlip ③.
5.Re-insert the retaining screw ⑥. You can now push the gear unit off the shaft.



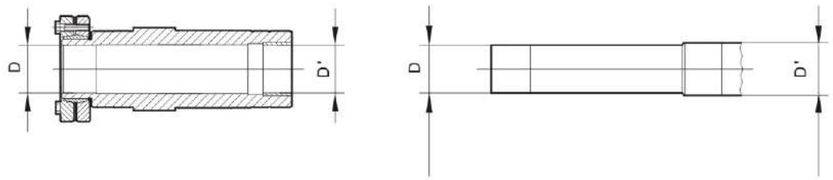

⑥ 螺栓 Retaining screw
⑦ 压盘 Removal washer
⑧ 拆卸用锁母 Fixed nut for removal

图: 空心轴拆卸示意图
Fig. Removal

| 型号 Model | $D^{H7}$ [mm] | M | C4 [mm] | C5 [mm] | C6 [mm] | $U^{-0.5}$ [mm] | $T3^{-0.5}$ [mm] | $D^{-0.5L4}$ [mm] | 拆装工具零件号 Installation/ removal kit part number |
|---|---|---|---|---|---|---|---|---|---|
| SA..37 | 20 | M6 | 5 | 6 | 15.5 | 5.5 | 22.5 | 19.7 | 25 |
| SA..47 | 25 | M10 | 5 | 10 | 20 | 7.5 | 28 | 24.7 | 35 |
| FA..37,KA..37,SA..57 | 30 | M10 | 5 | 10 | 25 | 7.5 | 33 | 29.7 | 35 |
| FA..47,SA..57 | 35 | M12 | 5 | 12 | 29 | 9.5 | 38 | 34.7 | 45 |
| FA..57,KA..57,FA..67,KA..67,SA..67 | 40 | M16 | 5 | 12 | 34 | 11.5 | 41.9 | 39.7 | 50 |
| SA..67 | 45 | M16 | 5 | 12 | 38.5 | 13.5 | 48.5 | 44.7 | 50 |
| FA..77,KA..77,SA..77 | 50 | M16 | 5 | 12 | 43.5 | 13.5 | 53.5 | 49.7 | 50 |
| FA..87,KA..87,SA..77,SA..87 | 60 | M20 | 5 | 16 | 56 | 17.5 | 64 | 59.7 | 60 |
| FA..97,KA..97,SA..97 | 70 | M20 | 5 | 16 | 65.5 | 19.5 | 74.5 | 69.7 | 60 |
| FA..107,KA..107,SA..97 | 90 | M24 | 5 | 20 | 80 | 24.5 | 95 | 89.7 | 70 |
| FA..127,KA..127 | 100 | M24 | 5 | 20 | 89 | 27.5 | 106 | 99.7 | 70 |
| FA..157,KA..157 | 120 | M24 | 5 | 20 | 107 | 31 | 127 | 119.7 | 70 |

## 9.2 带轴阶的空心轴和锁紧盘选件
## 9.2 Shouldered hollow shaft with shrink disk (option)

带空心轴锁紧盘的减速机(FH/FHF/FHZ37-157)　平行轴减速机KH/KHF/KHZ37-157　斜齿轮-锥齿轮减速机和BSH/SHF47-97斜齿轮蜗轮蜗杆减速机)，可提供较大的轴孔直径D'作为选件
D=D'为标准产品
Gear units with a hollow shaft and shrink disk (parallel shaft helical gear units H/FHF/SH/SHF47-97) can be supplied with an optional larger hole diameter D'
The standard is D' =D.



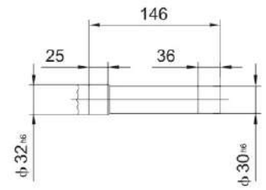

图：选件轴孔直径D'
Fig: Optional hole diameter D'

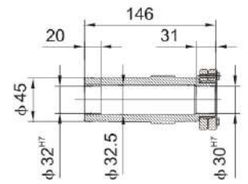
| 减速器型号 Gear unit size | 孔径 D/D' Hole diameter |
|---|---|
| FH/FHF/FHZ37,KH/KHF/KHZ37,SH/SHF/SHZ47 | 30/32 |
| FH/FHF/FHZ47,KH/KHF/KHZ47,SH/SHF/SHZ57 | 35/36 |
| FH/FHF/FHZ57,KH/KHF/KHZ57 | 40/42 |
| FH/FHF/FHZ67,KH/KHF/KHZ67,SH/SHF/SHZ67 | 40/42 |
| FH/FHF/FHZ77,KH/KHF/KHZ77,SH/SHF/SHZ77 | 50/52 |
| FH/FHF/FHZ87,KH/KHF/KHZ87,SH/SHF/SHZ87 | 65/66 |
| FH/FHF/FHZ97,KH/KHF/KHZ97,SH/SHF/SHZ97 | 75/76 |
| FH/FHF/FHZ107,KH/KHF/KHZ107 | 95/96 |
| FH/FHF/FHZ127,KH/KHF/KHZ127 | 105/106 |
| FH/FHF/FHZ157,KH/KHF/KHZ157 | 125/126 |

定购带轴阶的空心轴减速机(可选轴孔直径D')必须注明D/D'尺寸。
例如: FH37　D80N4 30/32
Diameter D/D' must be specified when ordering gear units with a shouldered hollow shaft (optional bole diameter D').

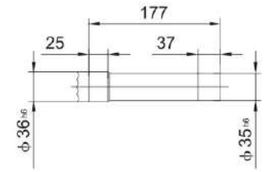
## 带轴阶空心轴和锁紧盘的平行轴减速电机
## Parallel shaft helical gear unit with shouldered hollow shfat

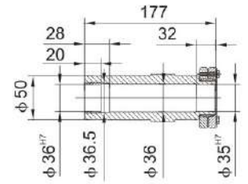
### FH/FHF/FHZ37
$\phi 30^{H7}/\phi 32^{H7}$



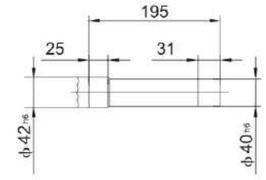



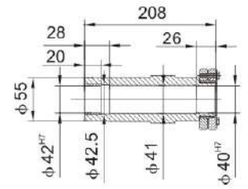

### FH/FHF/FHZ47
$\phi 35^{H7}/\phi 36^{H7}$



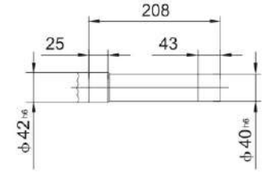



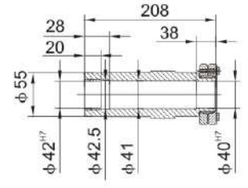

### FH/FHF/FHZ57
$\phi 40^{H7}/\phi 42^{H7}$



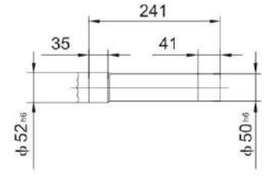



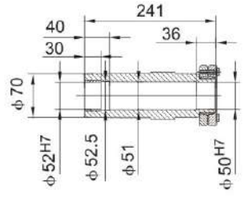

### FH/FHF/FHZ67
$\phi 40^{H7}/\phi 42^{H7}$



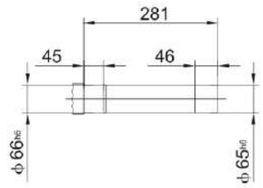



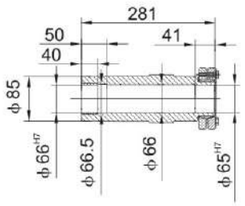

### FH/FHF/FHZ77
$\phi 50^{H7}/\phi 52^{H7}$



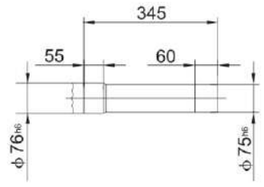



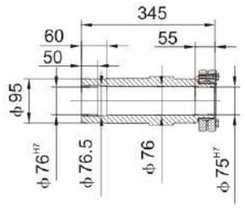
**FH/FHF/FHZ87**
$\phi 65^{H7}/\phi 66^{H7}$



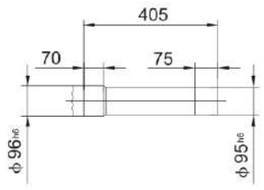



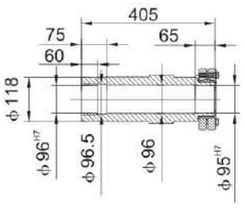

**FH/FHF/FHZ97**
$\phi 75^{H7}/\phi 76^{H7}$



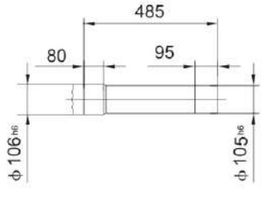



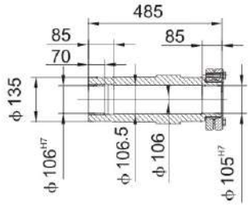

**FH/FHF/FHZ107**
$\phi 95^{H7}/\phi 96^{H7}$



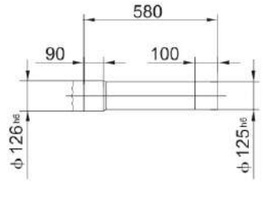



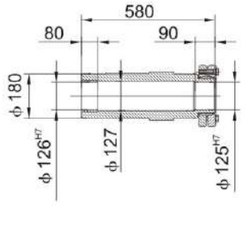

**FH/FHF/FHZ127**
$\phi 105^{H7}/\phi 106^{H7}$




**FH/FHF/FHZ157**
$\phi 125^{H7}/\phi 126^{H7}$

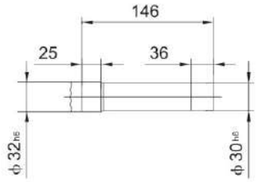


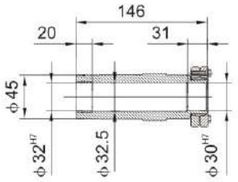





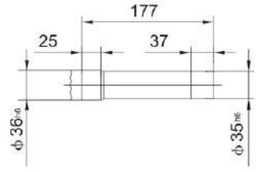

## 带轴阶空心轴和锁紧盘的斜齿轮—锥齿轮减速电机
## Helical – bevel gear unit with shouldered hollow shaft

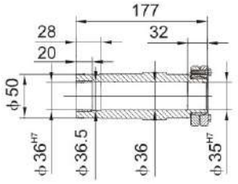
**FH/KHF/KHZ37**
$\phi 30^{H7}/\phi 32^{H7}$



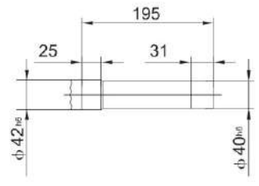



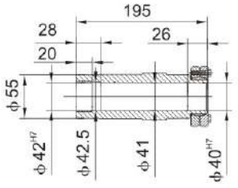

**FH/KHF/KHZ47**
$\phi 35^{H7}/\phi 36^{H7}$



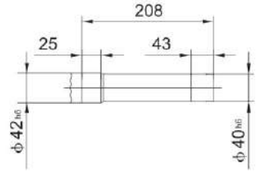



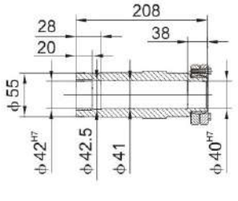

**FH/KHF/KHZ57**
$\phi 40^{H7}/\phi 42^{H7}$



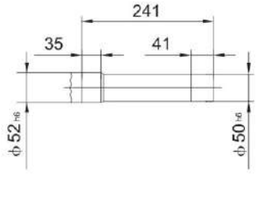



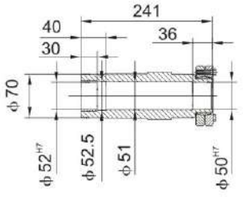

**FH/KHF/KHZ67**
$\phi 40^{H7}/\phi 42^{H7}$

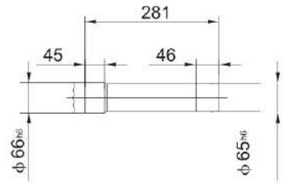


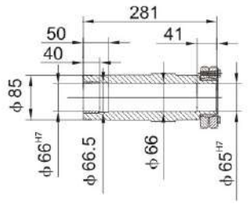

**FH/KHF/KHZ77**
$\phi 50^{H7}/\phi 52^{H7}$

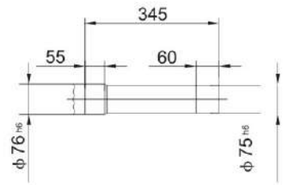


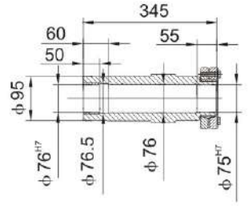


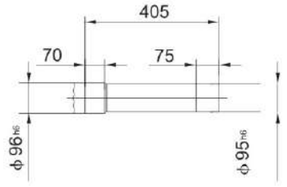

**FH/KHF/KHZ87**
ϕ65H7/ϕ66H7



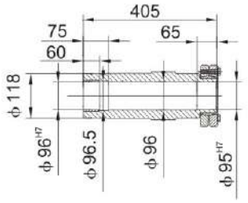



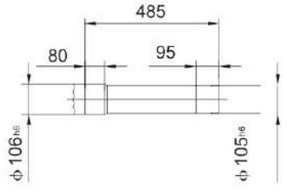

**FH/KHF/KHZ97**
ϕ75H7/ϕ76H7



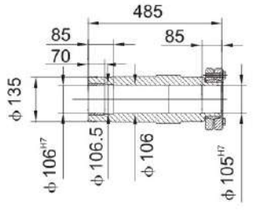



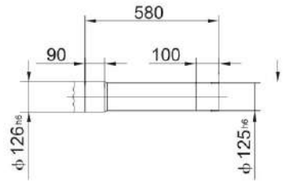

**FH/KHF/KHZ107**
ϕ95H7/ϕ96H7



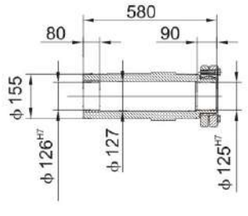




**FH/KHF/KHZ127**
ϕ105H7/ϕ106H7



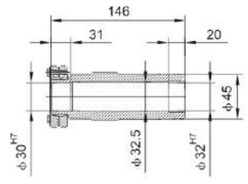

**FH/KHF/KHZ157**
ϕ125H7/ϕ126H7



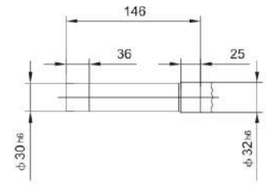


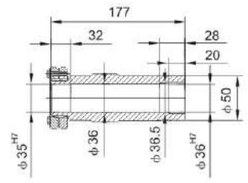



## 带轴阶空心轴和锁紧盘的斜齿轮—蜗杆减速电机
## Helical – worm gear unit with shouldered hollow shaft

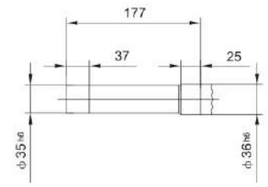


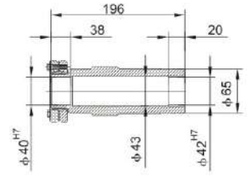

**FH/SHF/SHZ47**
ϕ30H7/ϕ32H7



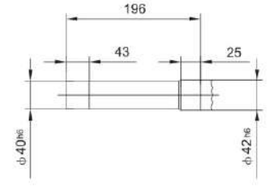



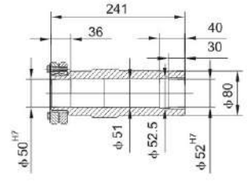

**FH/SHF/SHZ57**
ϕ35H7/ϕ36H7



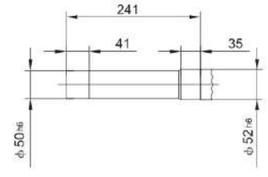




**FH/SHF/SHZ67**
ϕ40H7/ϕ42H7




**FH/SHF/SHZ77**
ϕ50H7/ϕ52H7



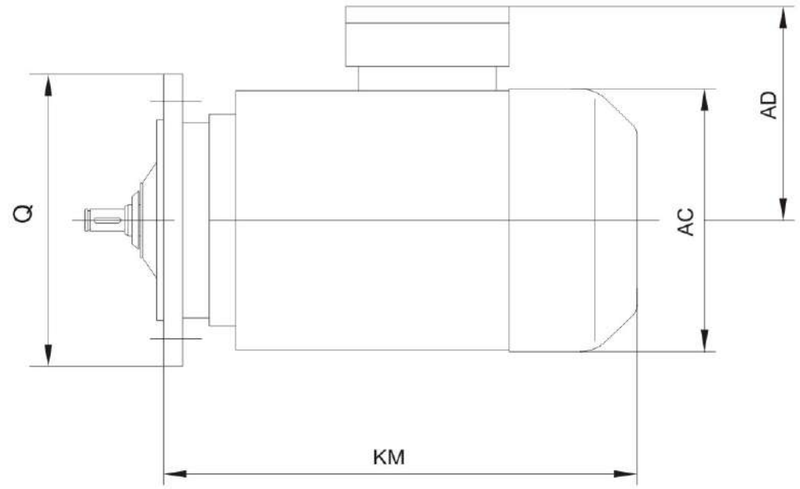
**FH/SHF/SHZ87**

$\phi 65^{H7}/\phi 66^{H7}$

**FH/SHF/SHZ87**

$\phi 75^{H7}/\phi 76^{H7}$

## 9.3 电机尺寸表
## 9.3 The size of motor




| 电机型号 | 功率KW/4P | Q（mm） | KM（mm） | L1（mm） | L2（mm） | L3（mm） | AC（mm） | AD（mm） |
|---|---|---|---|---|---|---|---|---|
| D63 | 0.12/0.18 | 120 | 221 | 279 | 266 | 316 | 120 | 95 |
| | | 160 | 216 | 274 | 261 | 311 | | |
| | | 200 | 210 | 268 | 255 | 305 | | |
| D71 | 0.25/0.37 | 120 | 239 | 297 | 297 | 344 | 138 | 103 |
| | | 160 | 234 | 292 | 292 | 339 | | |
| | | 200 | 228 | 286 | 286 | 333 | | |
| D80 | 0.55/0.75 | 120 | 271 | 318 | 336 | 381 | 148 | 108 |
| | | 160 | 265 | 312 | 330 | 375 | | |
| | | 200 | 259 | 306 | 324 | 369 | | |
| | | 250 | 254 | 301 | 319 | 364 | | |
| D90 | 1.1/1.5 | 120 | 318 | 358 | 391 | 425 | 169 | 139 |
| | | 160 | 313 | 353 | 386 | 420 | | |
| | | 200 | 305 | 345 | 378 | 412 | | |
| | | 250 | 301 | 341 | 374 | 408 | | |
| | | 300 | 292 | 332 | 365 | 399 | | |

| 电机型号 | 功率KW/4P | Q（mm） | KM（mm） | L1（mm） | L2（mm） | L3（mm） | AC（mm） | AD（mm） |
|---|---|---|---|---|---|---|---|---|
| D100 | 2.2/3 | 120 | 368 | 396 | 438 | 468 | 193 | 131 |
| | | 160 | 360 | 388 | 430 | 460 | | |
| | | 200 | 352 | 380 | 422 | 452 | | |
| | | 250 | 348 | 376 | 418 | 448 | | |
| | | 300 | 342 | 370 | 412 | 442 | | |
| | | 350 | 336 | 364 | 406 | 436 | | |
| D112 | 4 | 160 | 397 | 430 | 465 | 510 | 213 | 151 |
| | | 200 | 388 | 421 | 456 | 501 | | |
| | | 250 | 383 | 416 | 451 | 496 | | |
| | | 300 | 378 | 411 | 446 | 491 | | |
| | | 350 | 372 | 405 | 440 | 485 | | |
| D132S | 5.5 | 160 | 425 | 468 | 523 | 560 | 255 | 168 |
| | | 200 | 413 | 456 | 511 | 548 | | |
| | | 250 | 408 | 451 | 506 | 543 | | |
| | | 300 | 403 | 446 | 501 | 538 | | |
| | | 350 | 397 | 440 | 495 | 532 | | |
| | | 400 | 390 | 433 | 488 | 525 | | |
| D132M | 7.5 | 200 | 413 | 456 | 511 | 548 | 255 | 168 |
| | | 250 | 408 | 451 | 506 | 543 | | |
| | | 300 | 403 | 446 | 501 | 538 | | |
| | | 350 | 397 | 440 | 495 | 532 | | |
| | | 400 | 390 | 433 | 488 | 525 | | |
| | | 450 | 382 | 425 | 480 | 517 | | |
| D132ML | 9.2 | 200 | 413 | 456 | 511 | 548 | 255 | 168 |
| | | 250 | 408 | 451 | 506 | 543 | | |
| | | 300 | 403 | 446 | 501 | 538 | | |
| | | 350 | 397 | 440 | 495 | 532 | | |
| | | 400 | 390 | 433 | 488 | 525 | | |
| | | 450 | 382 | 425 | 480 | 517 | | |
| | | 550 | 374 | 417 | 472 | 509 | | |
| D160M | 11 | 200 | 507 | 605 | 542 | 640 | 330 | 255 |
| | | 250 | 502 | 600 | 537 | 635 | | |
| | | 300 | 497 | 595 | 532 | 630 | | |
| | | 350 | 491 | 589 | 526 | 624 | | |
| | | 400 | 484 | 582 | 519 | 617 | | |
| | | 450 | 476 | 574 | 511 | 609 | | |
| | | 550 | 468 | 566 | 503 | 601 | | |
| D160L | 15 | 250 | 546 | 644 | 581 | 679 | 330 | 255 |
| | | 300 | 541 | 639 | 576 | 674 | | |
| | | 350 | 535 | 633 | 570 | 668 | | |
| | | 400 | 528 | 626 | 563 | 661 | | |
| | | 450 | 520 | 618 | 555 | 653 | | |
| | | 550 | 512 | 610 | 547 | 645 | | |

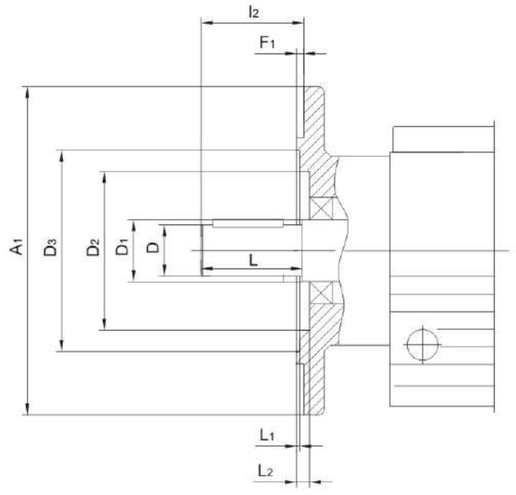


| 电机型号 | 功率KW/4P | Q（mm） | KM（mm） | L1（mm） | L2（mm） | L3（mm） | AC（mm） | AD（mm） |
|---|---|---|---|---|---|---|---|---|
| D180M | 18.5 | 250 | 568 | 682 | 593 | 707 | 380 | 280 |
| | | 300 | 563 | 677 | 588 | 702 | | |
| | | 350 | 557 | 671 | 582 | 696 | | |
| | | 400 | 550 | 664 | 575 | 689 | | |
| | | 450 | 542 | 656 | 567 | 681 | | |
| | | 550 | 534 | 648 | 559 | 673 | | |
| D180L | 22 | 250 | 606 | 720 | 631 | 745 | 380 | 280 |
| | | 300 | 601 | 715 | 626 | 740 | | |
| | | 350 | 595 | 709 | 620 | 734 | | |
| | | 400 | 588 | 702 | 613 | 727 | | |
| | | 450 | 580 | 694 | 605 | 719 | | |
| | | 550 | 572 | 686 | 597 | 711 | | |
| D200L | 30 | 300 | 715 | 839 | 755 | 879 | 420 | 305 |
| | | 350 | 709 | 833 | 749 | 873 | | |
| | | 400 | 702 | 826 | 742 | 866 | | |
| | | 450 | 694 | 818 | 734 | 858 | | |
| | | 550 | 686 | 810 | 726 | 850 | | |
| D225S | 37 | 300 | 724 | 866 | 779 | 906 | 470 | 335 |
| | | 350 | 718 | 860 | 773 | 900 | | |
| | | 400 | 711 | 853 | 766 | 893 | | |
| | | 450 | 703 | 845 | 758 | 885 | | |
| | | 550 | 695 | 837 | 750 | 877 | | |
| D225M | 45 | 300 | 749 | 891 | 804 | 931 | 470 | 335 |
| | | 350 | 743 | 885 | 798 | 925 | | |
| | | 400 | 436 | 578 | 491 | 618 | | |
| | | 450 | 728 | 870 | 783 | 910 | | |
| | | 550 | 720 | 862 | 775 | 902 | | |
| D250 | 55 | 400 | 801 | 954 | 847 | 1000 | 510 | 370 |
| | | 450 | 793 | 946 | 839 | 992 | | |
| | | 550 | 785 | 938 | 831 | 984 | | |
| D280S | 75 | 400 | 862 | 1018 | 907 | 1063 | 580 | 410 |
| | | 450 | 854 | 1010 | 899 | 1055 | | |
| | | 550 | 846 | 1002 | 891 | 1047 | | |
| D280M | 90 | 400 | 913 | 1069 | 958 | 1114 | 580 | 410 |
| | | 450 | 905 | 1061 | 950 | 1106 | | |
| | | 550 | 897 | 1053 | 942 | 1098 | | |

注意：
L1表示电机增加制动器后的KM值。
L2表示电机为变频调速三相异步电动机时的KM值。
L3表示电动机为变频调节三相电动机并附带制动器时的KM值。
因空间限制对电机尺寸要求时请向我公司咨询。

Notes:
L1 is the KM value for motor with brake.
L2 is the KM value for asynchronous motor with frequency.
L3 is the KM value for asynchronous motor with frequency and brake.
If you have any special requirements, please contact us.

## 9.4 RF..和R..F减速机法兰外形图
## 9.4 Flange contours of RF and R..F gear units




选择和安装输出零件时请注意L1和L2尺寸
Check dimensions L1 and L2 for selection and installation of output elements

| 规格 Type | A1 | D | D1 | D2 | | D3 | F1 | 12 | L | L1 | | L2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | RF | R..F | | | | | RF | R..F | |
| RF17,R17F | 120 | 20 | 25 | 46 | 46 | 65 | 3 | 40 | 40 | 1 | 1 | 5 |
| | 140 | | | | - | 78 | 3 | | | 1 | - | 5 |
| RF27,R27F | 120 | 25 | 30 | 54 | 4 | 66 | 3 | 50 | 50 | 1 | 1 | 6 |
| | 140 | | | | - | 79 | 3 | | | 3 | - | 7 |
| | 160 | | | | - | 92 | 3.5 | | | 3 | - | 7 |
| RF37,R37F | 120 | 25 | 35 | 60 | 63 | 70 | 3 | 50 | 50 | 5 | 4 | 7 |
| | 160 | | | | - | 96 | 3.5 | | | 1 | - | 7.5 |
| | 200 | | | | - | 119 | 3.5 | | | 1 | - | 7.5 |
| RF47,R47F | 140 | 30 | 35 | 72 | 64 | 82 | 3 | 60 | 60 | 4 | 1 | 6 |
| | 160 | | | | - | 96 | 3.5 | | | 0.5 | - | 6.5 |
| | 200 | | | | - | 116 | 3.5 | | | 0.5 | - | 6.5 |
| RF57,R57F | 160 | 35 | 40 | 76 | 75 | 96 | 3.5 | 70 | 70 | 4 | 2.5 | 5 |
| | 200 | | | | - | 116 | 3.5 | | | 0 | - | 5 |
| | 250 | | | | - | 160 | 4 | | | 0.5 | - | 5.5 |
| RF67,R77F | 200 | 35 | 50 | 90 | 90 | 118 | 3.5 | 70 | 70 | 2 | 4 | 7 |
| | 250 | | | | - | 160 | 4 | | | 1 | - | 7.5 |
| RF77,R77F | 250 | 40 | 52 | 112 | 100 | 160 | 4 | 80 | 80 | 0.5 | 2.5 | 7 |
| | 300 | | | | - | 210 | 4 | | | 0.5 | - | 7 |
| RF87,R87F | 300 | 50 | 62 | 123 | 122 | 210 | 4 | 100 | 100 | 0 | 1.5 | 8 |
| | 350 | | | | - | 226 | 5 | | | 1 | - | 9 |
| RF97 | 350 | 60 | 72 | 136 | | 236 | 5 | 120 | 120 | 0 | | 9 |
| | 450 | | | | | 320 | | | | | | |
| RF107 | 350 | 70 | 82 | 157 | | 232 | 5 | 140 | 140 | 0 | | 11 |
| | 450 | | | 186 | | 316 | | | | | | |
| RF137 | 450 | 90 | 108 | 180 | | 316 | 5 | 170 | 170 | 0 | | 10 |
| | 550 | | | | | 416 | | | | | | |
| RF147 | 450 | 110 | 125 | 210 | | 316 | 5 | 210 | 210 | 0 | | 10 |
| | 550 | | | | | 416 | | | | | | |
| RF167 | 550 | 120 | 145 | 290 | | 416 | 5 | 210 | 210 | 1 | | 10 |
| | 660 | | | | | 517 | 6 | | | 2 | | 11 |



## 9.5 减速机安装
## 9.5 Gear unit mounting

安装减速机和减速机时一定要使用8.8级螺栓
Always use bolts quality 8.8 for mounting gear units and geared motors.

### 例外
### Exception

当传递样本上所给定的额定扭矩时，下面几种法兰安装(RF..)和地脚/法兰安装(R..F)的斜齿轮减速电机，法兰和用户安装单元固定时一定要用10.9级的螺栓。

- RF37和带 ϕ120mm法兰的R37F
- RF47和带 ϕ140mm法兰的R47F
- RF57和带 ϕ160mm法兰的R57F

Bolts of quality 10.9 must be used for fastening the flange to the customer supplied unit in order to transmit the rated torque specified in the catalog. These bolts must be used in case following flange – mounted helical geared motors (RF..)and foot/flange-mounted helical geared motors (R..F..):

- RF37,R37F with flange ϕ120mm
- RF47,R47F with flange ϕ140mm
- RF57,R57F with flange ϕ160mm

### KH167.., KH187..的力矩臂
### Torque arms for KH167.., KH187..

对于减速电机KH167..和KH187..作为标准配置，一般不提供扭矩臂。如果需要，请和诺顿联系， 我们将给出推荐的安装位置和尺寸图。

As standard, there are no torqye arms availble for gear unit sizes KH167.. and KH187..
Please contact NUODUN if you require torque arms for these gear units. We will submit the configuration of recommendations.

## 9.6 润滑
## 9.6 Lubricants

### 概述 Greneral information

除非特别要求，诺顿所提供的减速电机均按其减速机规格注了油。订货时，所规定的安装位置对注油量的多少是一个决定性因素。对于安装位置的调整必须相应地调节注油量。(按220页注油量表)。

Un less there is a special requirement , NUODUN always supplies the drives that with lubricant fill specifically for the reducer and mounting position . When ordering a drive , the decisve factor of lubricant fill qwantites is the drives mounting position . You must adapt the lubricant fill to any subsequent change made to the mounting position check P220 for the ( Lubricant fill quantities )

### 润滑油的等级和粘度类型 Lubricating conglutination

诺顿推荐使用的润滑油见P220页润滑油表 其等级和粘度指标见下表

NUODUN commend the lubricant oil in P220. The grade and conglutination index in the following.

| DIN(ISO,SAE)标准润滑油 Normal lubricating | 粘度指标 conglutination index | 环境温度°C Ambient temperature | 减速机型号 Gear unit type |
|---|---|---|---|
| Mineral oil CLp(cc) | ISOVG 220 | -10-+40 | R 系列,F 系列<br>K 系列减速机 |
| | ISOVG 680 | 0-+40 | S 系列减速机 |

特殊应用场合必须使用特殊润滑油，比如要求长使用寿命润滑油。若需要可提供用于食品行业和生物降解润滑油。

The special lubricante oil. must be used in special situation. For example requesting use the oil with long life-span. If you want, we can afford the biology decompose oil for food ndustry.

| DIN(ISO,SAE)标准润滑油 Normal lubricating | 粘度指标 conglutination index | 环境温度°C Ambient temperature | 减速机型号 Gear unit type |
|---|---|---|---|
| Mineral oil CLP(CC) | ISOVG 100 | -20-+25 | R系列,F系列<br>K系列减速机 |
| Synthetic fluid, clp pg | ISOVG 220 | -25-+80 | R系列,F系列<br>K系列减速机 |
| Synthetic fluid ,CLP HC | ISOVG 460 | -30-+80 | S系列减速机 |

### 耐磨轴承用润滑油 Anti-friction bearing greases

下列润滑脂用于减速机和电机的耐磨轴承润滑

The following grease for the motor reducer bearing lubrication wear

| DIN(ISO,SAE)标准润滑油 Normal lubricating | 环境温度°C Ambient temperature | 减速机型号 Gear unit type |
|---|---|---|
| 矿物轴承润滑脂K32N/K2K<br>mineral bearing lubricating lipin K32N/K2K | -30-+60 | 正常型式：减速机、电机<br>Normal type: motor reducer |
| 合成轴承润滑脂KHC 2R-40<br>synthetic bearing lubricating lipin K2R-40 | -40-+80 | 减速机加注合成润滑油<br>Reducers need to inject the synthetic lubricant |
| 矿物轴承润滑脂K3N-30<br>mineral bearing lubricating lipin K3N-30 | -25-+80 | 特殊型式：按应用场合确定的电机<br>Special type: select the motor in different situation |
| 合成轴承润滑脂K2S-50<br>synthetic bearing lubricating lipin K2S-50 | -45--25 | 特殊型式：按应用场合确定的电机<br>Special type: select the motor in different situation |



### 诺顿传动装置润滑油表 NUODUN Lubricant table

| 减速机型号 Gear unit type | 环境温度 Ambient temperature 0°C +50 +100 | 润滑油类型 DIN (ISO) | ISO粘度与NLG1相应 | Mobil | Shell | Optimol | FUCHS | ARAL | BP | Tribol | TEXACO | KLÜBER LUBRICATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K F R | -10 标准 +40 | CLP (CC) | VG 220 | Mobilgear 630 | Shell Omala 220 | Optigear Bm220 | Renolin CLP 220 | Aral Degol Bg220 | BP Energol GR-Xp220 | Tribol 1100/220 | Meropa 220 | Klüberoil GEM 1-225 |
| | -25 -40 +80 | CLP PG | VG 220 | Mobil Glygoyle 30 | Shell Tivela WB | Optiflex A 220 | | Aral Degol Gs220 | BP Energol SR-Xp220 | Tribol 800/220 | Synlube CLP 220 | Klübersynth GH 6-220 |
| | * -40 -40 +80 | CLP HC | VG 220 | Mobil SHC 630 | Shell Omala 220 HD | Optigear Synthetic A 220 | Renolin Unisyn CLP 220 | Aral Degol PAS220 | | Tribol 1510/200 | Pinnacle Ep220 | Klübersynth GEM 4-220 |
| | * -40 -40 +40 | CLP HC | VG 150 | Mobil SHC 629 | Shell Omala 100 | Optigear BM 100 | Renolin CLP 150 | Aral Degol Bg100 | BP Energol GR-Xp100 | Tribol 1100/100 | Meropa 150 | Klüberoil GEM 1-150 |
| | -20 -25 | CLP (CC) | VG 150 | Mobilgear 629 | Shell Omala 100 | Optigear BM 100 | Renolin CLP 150 | Aral Degol Bg100 | BP Energol GR-Xp100 | Tribol 1100/100 | Meropa 150 | Klüberoil GEM 1-150 |
| | -30 -10 +25 | CLP (CC) | VG 68-46 | Mobil D.T.E 15M | Shell Tellus T32 | Optigear 32 | Renolin B 46 HVI | Aral Degol Bg 46 | | Tribol 1100/68 | Anubia EP 46 | Kluberoil GEM 1-68 |
| | * -40 -40 +10 | CLP HC | VG 32 | Mobil SHC 624 | | Cetus PAO 46 | | | | | Cetus PAO 46 | Klübersynth GEM 4-32 |
| | * -40 -40 +10 | HLP (HM) | VG 22 VG 15 | Mobil D.T.E 11M | Shell Tellus T15 | Aircraft Hydr.Oil 15 | | | BP Energol HLP-HM10 | | Aircraft Hydr Oil 15 | ISOFLEX MT 30 ROT |
| | -20 * -40 -40 | CLP (CC) | VG 680 | Mobilgear 636 | Shell Omala 680 | Optigear BM 680 | Renolin CLP 680 | Aral Degol Bg 680 | BP Energol GR-Xp680 | Tribol 1100/680 | Meropa 680 | Klüberoil GEM 1-680 |
| | 0 标准 +40 | CLP PG | VG 680 1) | Mobil Glygoyle HE 680 | | | | | BP Enersyn SG-Xp 680 | Tribol 800/680 | Synlube CLP 680 | Klübersynth Gh 6-680 |
| | -20 +60 | CLP HC | VG 460 | Mobil SHC 634 | Shell Omala 460 HD | | | | | | | Klübersynth GEM 4-460 |
| | * -30 +80 | CLP HC | VG 150 | Mobil SHC 629 | Shell Omala 100 | | | | | | | Klübersynth GEM 4-150 |
| | * -40 -20 +10 | CLP (CC) | VG 150 VG 100 | Mobil D.T.E 18M | Shell Omala 100 | Optigear BM 100 | Renolin CLP 150 | Aral Degol Bg100 | BP Energol GR-Xp100 | Tribol 1100/100 | Meropa 100 | Klüberoil GEM 1-150 |
| | -20 +10 | CLP PG | VG 220 1) | Mobil Glygoyle 30 | | Optiflex A 220 | | | | Tribol 800/220 | Synlube CLP 220 | Klübersynth GH 6-220 |
| | -25 +20 | CLP HG | VG 32 | Mobil SHC 624 | | Cetus PAO 46 | | | | | Cetus PAO 46 | Klübersynth GEM 4-32 |
| | * -40 0 | | | | | | | Aral Eural Bear 460 | | | | Klüberol 4UH1-460 |
| R/K F/S | * -30 +40 | HCE | VG 460 4) | | Shell Cassida Fluid GL 460 | Optileb GT 460 | | | | | | |
| | -20 +40 标准 +60 | E | VG 460 5) | Glygoyle Grease 00 | Shell Tivela Compound A | Optisynt BS 460 | | | | | | Kluberbio CA2-460 |
| F 27 R 17 R 27 | -25 +60 | 润滑脂 DIN 51181 | 00 2) 000-0 2) | Mobilux EP 004 | Shell Alvania GL 00 | Longtime PD 00 | Renolin SF 7-041 | Aralub MFL 00 | BP Energrease LS-EP 00 | Multifak EP 000 | Multifak 6833EP 00 | Klübersynth GE 46-1200 |
| | -15 +40 | | | | | | | | | | | |

CLP PG=聚二醇类　CLP=矿物油
CLP HC=碳氢化合物类　HLP=液压油
E=二元酸脂合成油
HCE=碳氢化合物十二酯油　CLP:Petrolatam Oil
HLP:Hydraulic pressure oil
KBTS/Ga/Vi

1) 用PG油的斜齿轮蜗杆减速机请和诺顿联系
2)低粘度油脂，其它型号减速机请和诺顿联系
3)食品饮料行业用油(食品级油)
4)生物降解油(用于农业,林业和水工业)
*低温时起动要求高

■ =合成润滑油 Synthetic lubricant
□ =矿物润滑油 Mineral lubricant

1) Pls contact with NUODUN when the Helical-worm geared motors use PG oil.
2) Small conglutination index oil, other types of reducers. pls contact with NUODUN .
3) Food or beverage industry used oil.
4) biology decompose oil.
-- High request when start-up in low temperature.

## 加油量 Lubricant fill quantities

斜齿轮减速器(R..) Helical gear units (R..)

规定的注油量是参考值。精确的注油量随着减速机的级数和速比的不同而变化。注油时,最有效是检查油位塞因为它指示精确注油量。
The specified fill quantities are recommended values. The precise vary depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity.

下表按安装位置M1–M6,给出了注油量的参考值。
The following tables show referenced values for lubricant fill quantities in relation to relation to the Mounting position M1–M6

| 减速器型号 Gear unit type | Referenced 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1[1)] | M2[1)] | M3 | M4 | M5 | M6 |
| R17/R17F | 0.25 | 0.6 | 0.35 | 0.6 | 0.35 | 0.35 |
| R27/R27F | 0.25/0.4 | 0.7 | 0.4 | 0.7 | 0.4 | 0.4 |
| R37/R37F | 0.3/1 | 0.9 | 1 | 1.1 | 0.8 | 1 |
| R47/R47F | 0.7/1.5 | 1.6 | 1.5 | 1.7 | 1.5 | 1.5 |
| R57/R57F | 0.8/1.7 | 1.9 | 1.7 | 2.1 | 1.7 | 1.7 |
| R67/R67F | 1.1/2.3 | 2.6/3.5 | 2.8 | 3.2 | 1.8 | 2 |
| R77/R77F | 1.2/3 | 3.8/4.3 | 3.6 | 4.3 | 2.5 | 3.4 |
| R87/R87F | 2.3/6 | 6.7/8.4 | 7.2 | 7.7 | 6.3 | 6.5 |
| R97 | 4.6/9.8 | 11.7/14 | 11.7 | 13.4 | 11.3 | 11.7 |
| R107 | 6/13.7 | 16.3 | 16.9 | 19.2 | 13.2 | 15.9 |
| R137 | 10/25 | 28 | 29.5 | 31.5 | 25 | 25 |
| R147 | 15.4/40 | 46.5 | 48 | 52 | 39.5 | 41 |
| R167 | 27/70 | 82 | 78 | 88 | 66 | 69 |

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1[1)] | M2[1)] | M3 | M4 | M5 | M6 |
| RF17 | 0.25 | 0.6 | 0.35 | 0.6 | 0.35 | 0.35 |
| RF27 | 0.25/0.4 | 0.7 | 0.4 | 0.7 | 0.4 | 0.4 |
| RF37 | 0.4/1 | 0.9 | 1 | 1.1 | 0.8 | 1 |
| RF47 | 0.7/1.5 | 1.6 | 1.5 | 1.7 | 1.5 | 1.5 |
| RF57 | 0.8/1.7 | 1.8 | 1.7 | 2 | 1.7 | 1.7 |
| RF67 | 1.2/2.5 | 2.7/3.6 | 2.7 | 3.1 | 1.9 | 2.1 |
| RF77 | 1.2/2.6 | 3.8/4.1 | 3.3 | 4.1 | 2.4 | 3 |
| RF87 | 2.4/6 | 6.8/7.9 | 7.1 | 7.7 | 6.3 | 6.4 |
| RF97 | 5.1/10.2 | 11.9/14 | 11.2 | 14 | 11.2 | 11.8 |
| RF107 | 6.3/14.9 | 15.9 | 17 | 19.2 | 13.1 | 15.9 |
| RF137 | 9.5/25 | 27 | 29 | 32.5 | 25 | 25 |
| RF147 | 16.4/42 | 47 | 48 | 52 | 42 | 42 |
| RF167 | 26/70 | 82 | 78 | 88 | 65 | 71 |

1)多级减速机中较大的减速机须注较多的油量。
The output end gear unit of multi–stage gear units be filled with the larger oil volume.

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| RX57 | 0.6 | 0.8 | 1.3 | 1.3 | 0.9 | 0.9 |
| RX67 | 0.8 | 0.8 | 1.7 | 1.9 | 1.1 | 1.1 |
| RX77 | 1.1 | 1.5 | 2.6 | 2.7 | 1.6 | 1.6 |
| RX87 | 1.7 | 2.5 | 4.8 | 4.8 | 2.9 | 2.9 |
| RX97 | 2.1 | 3.4 | 7.4 | 7 | 4.8 | 4.8 |
| RX107 | 3.9 | 5.6 | 11.6 | 11.9 | 7.7 | 7.7 |

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| RXF57 | 0.5 | 0.8 | 1.1 | 1.1 | 0.7 | 0.7 |
| RXF67 | 0.7 | 0.8 | 1.5 | 1.7 | 1 | 1 |
| RXF77 | 0.9 | 1.5 | 2.4 | 2.5 | 1.6 | 1.6 |
| RXF87 | 1.6 | 2.5 | 4.9 | 4.7 | 2.9 | 2.9 |
| RXF97 | 2.1 | 3.6 | 7.1 | 7 | 4.8 | 4.8 |
| RXF107 | 3.1 | 5.9 | 11.2 | 10.5 | 7.2 | 7.2 |





## 平行轴斜齿轮减速器(F..) Parallel shaft helical gear units (F..)

F.., FA.., FH.., FV..B

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| F37 | 1 | 1.2 | 0.7 | 1.2 | 1 | 1.1 |
| F47 | 1.5 | 1.8 | 1.1 | 1.9 | 1.5 | 1.7 |
| F57 | 2.6 | 3.7 | 2.1 | 3.5 | 2.8 | 2.9 |
| F67 | 2.7 | 3.8 | 1.9 | 3.8 | 2.9 | 3.2 |
| F77 | 5 | 7.3 | 4.3 | 8 | 6 | 6.3 |
| F87 | 10 | 13.0 | 7.7 | 13.8 | 10.8 | 11 |
| F97 | 18.5 | 22.5 | 12.6 | 25.2 | 18.5 | 20 |
| F107 | 24.5 | 32 | 19.5 | 37.5 | 27 | 27 |
| F127 | 40.5 | 55 | 34 | 61 | 46.5 | 47 |
| F157 | 69 | 104 | 63 | 105 | 86 | 78 |

FF..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| FF37 | 1 | 1.2 | 0.7 | 1.3 | 1 | 1.1 |
| FF47 | 1.6 | 1.9 | 1.1 | 1.9 | 1.5 | 1.7 |
| FF57 | 2.8 | 3.8 | 2.1 | 3.7 | 2.9 | 3 |
| FF67 | 2.7 | 3.8 | 1.9 | 3.8 | 2.9 | 3.2 |
| FF77 | 5.1 | 7.3 | 4.3 | 8.1 | 6 | 6.3 |
| FF87 | 10.3 | 13.2 | 7.8 | 14.1 | 11 | 11.2 |
| FF97 | 19 | 22.5 | 12.6 | 25.5 | 18.9 | 20.5 |
| F107 | 25.5 | 32 | 19.5 | 38.5 | 27.5 | 28 |
| F127 | 41.5 | 56 | 34 | 63 | 46.5 | 49 |
| F157 | 72 | 105 | 64 | 106 | 87 | 79 |

FA.., FH.., FV.., FAF.., FHF.., FVF.., FAZ.., FHZ.., FVZ..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| F..37 | 1 | 1.2 | 0.7 | 1.2 | 1 | 1.1 |
| F..47 | 1.5 | 1.8 | 1.1 | 1.9 | 15 | 1.7 |
| F..57 | 2.7 | 3.8 | 2.1 | 3.6 | 2.9 | 3 |
| F..67 | 2.7 | 3.8 | 1.9 | 3.8 | 2.9 | 3.2 |
| F..77 | 5 | 7.3 | 4.3 | 8 | 6 | 6.3 |
| F..87 | 10 | 13.0 | 77 | 13.8 | 10.8 | 11 |
| F..97 | 18.5 | 22.5 | 12.6 | 25.0 | 18.5 | 20 |
| F..107 | 24.5 | 32 | 19.5 | 37.5 | 27 | 27 |
| F..127 | 39 | 55 | 34 | 61 | 45 | 46.5 |
| F..157 | 68 | 103 | 62 | 104 | 85. | 77 |

## 斜齿轮-锥齿轮减速器( QL..)
## Helical-bevel Gear unit (QL..)

K., KA.., KH.., KV..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| K..37 | 0.5 | 1 | 1 | 1.3 | 1 | 1 |
| K..47 | 0.8 | 1.3 | 1.5 | 2 | 1.6 | 1.6 |
| K..57 | 1.2 | 2.3 | 2.5 | 3 | 2.6 | 2.4 |
| K..67 | 1.1 | 2.4 | 2.6 | 3.4 | 2.6 | 2.6 |
| K..77 | 2.2 | 4.1 | 4.4 | 5.9 | 4.2 | 4.4 |
| K..87 | 3.7 | 8 | 8.7 | 10.9 | 7.8 | 8 |
| K..97 | 7 | 14 | 15.7 | 20 | 15.7 | 15.5 |
| K..107 | 10 | 21 | 25.5 | 33.5 | 24 | 24 |
| K..127 | 21 | 41.5 | 44 | 54 | 40 | 41 |
| K..157 | 31 | 62 | 6.5 | 90 | 58 | 62 |
| K..167 | 35 | 100 | 100 | 125 | 85 | 85 |
| K..187 | 60 | 170 | 170 | 205 | 130 | 130 |

KF..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| KF37 | 0.5 | 1.1 | 1.1 | 1.5 | 1 | 1 |
| KF47 | 0.8 | 1.3 | 1.7 | 2.2 | 1.6 | 1.6 |
| KF57 | 1.3 | 2.3 | 2.7 | 3 | 2.9 | 2.7 |
| KF67 | 1.1 | 2.4 | 2.8 | 3.6 | 2.7 | 2.7 |
| KF77 | 2.1 | 4.1 | 4.4 | 6 | 4.5 | 4.5 |
| KF87 | 3.7 | 8.2 | 9 | 11.9 | 8.4 | 8.4 |
| KF97 | 7 | 14.7 | 17.3 | 21.5 | 15.7 | 16.5 |
| KF107 | 10 | 22 | 26 | 35 | 25 | 25 |
| KF127 | 21 | 41.5 | 46 | 55 | 41 | 41 |
| KF157 | 31 | 66 | 69 | 92 | 62 | 62 |

KA.., KH.., KV.., KAF.., HF.., KVF.., KAZ.., KHZ.., KVZ..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| K..37 | 0.5 | 1 | 1 | 1.4 | 1 | 1 |
| K..47 | 0.8 | 1.3 | 1.6 | 2.1 | 1.6 | 1.6 |
| K..57 | 1.3 | 2.3 | 2.7 | 3 | 2.9 | 2.7 |
| K..67 | 1.1 | 2.4 | 2.7 | 3.6 | 2.6 | 2.6 |
| K..77 | 2.1 | 4.1 | 4.6 | 6 | 4.4 | 4.4 |
| K..87 | 3.7 | 8.2 | 8.8 | 11.1 | 8 | 8 |
| K..97 | 7 | 14.7 | 15.7 | 20 | 15.7 | 15.7 |
| K..107 | 10 | 20.5 | 24 | 32 | 24 | 24 |
| K..127 | 21 | 41.5 | 43 | 52 | 40 | 40 |
| K..157 | 31 | 66 | 67 | 87 | 62 | 62 |
| K..167 | 35 | 100 | 100 | 125 | 85 | 85 |
| K..187 | 60 | 170 | 170 | 205 | 130 | 130 |





## 斜齿轮-蜗轮蜗杆减速器( S.. )
## Helical-worm Gear units (S..)

S..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3[1)] | M4 | M5 | M6 |
| S37 | 0.25 | 0.4 | 0.5 | 0.6 | 0.4 | 0.4 |
| S47 | 0.35 | 0.8 | 0.7 | 1.1 | 0.8 | 0.8 |
| S57 | 0.5 | 1.2 | 1 | 1.5 | 1.3 | 1.3 |
| S67 | 1 | 2.0 | 2.2/3.1 | 3.2 | 2.6 | 2.6 |
| S77 | 1.9 | 4.2 | 3.7/5.4 | 6 | 4.4 | 4.4 |
| S87 | 3.3 | 8.1 | 6.9/10.4 | 12 | 8.4 | 8.4 |
| S97 | 6.8 | 15 | 13.4/18 | 22.5 | 17 | 17 |

1)多级减速箱中较大的减速机须注较多的油量。
The output end unit of multi-stage gear units must be filled with the larger oil volume.

SF..

| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3[1)] | M4 | M5 | M6 |
| SF37 | 0.25 | 0.4 | 0.5 | 0.6 | 0.4 | 0.4 |
| SF47 | 0.4 | 0.9 | 0.9 | 1.2 | 1.0 | 1 |
| SF57 | 0.5 | 1.2 | 1 | 1.6 | 1.4 | 1.4 |
| SF67 | 1 | 2.2 | 2.3/3 | 3.2 | 2.7 | 2.7 |
| SF77 | 1.9 | 4.1 | 3.9/5.8 | 6.5 | 4.9 | 4.9 |
| SF87 | 3.8 | 8 | 7.1/10.1 | 12 | 9.1 | 9.1 |
| SF97 | 7.4 | 15 | 13.8/18.8 | 23.6 | 18 | 18 |

1)多级减速箱中较大的减速机须注较多的油量。
The output end unit of multi-stage gear units must be filled with the larger oil volume.

SA.., SH.., SAF.., SHF.., SAZ.., SHZ..

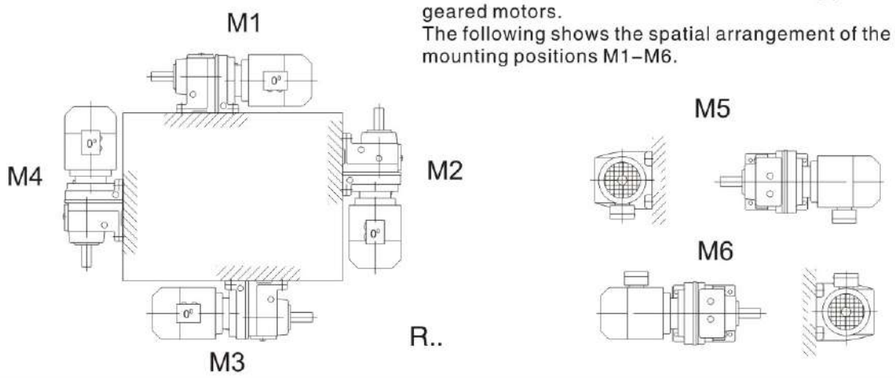
| 减速器型号 Gear unit type | 注油量(升) Fill quantity (L) | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3[1)] | M4 | M5 | M6 |
| S..37 | 0.25 | 0.4 | 0.5 | 0.6 | 0.4 | 0.4 |
| S..47 | 0.4 | 0.8 | 0.7 | 1.1 | 0.8 | 0.8 |
| S..57 | 0.5 | 1.1 | 1 | 1.6 | 1.2 | 1.2 |
| S..67 | 1 | 2 | 1.8/2.6 | 2.9 | 2.5 | 2.5 |
| S..77 | 1.8 | 3.9 | 3.6/5 | 5.9 | 4.5 | 4.5 |
| S..87 | 3.8 | 7.4 | 6/8.7 | 11.2 | 8 | 8 |
| S..97 | 7 | 14 | 11.4/16 | 21 | 15.7 | 15.7 |

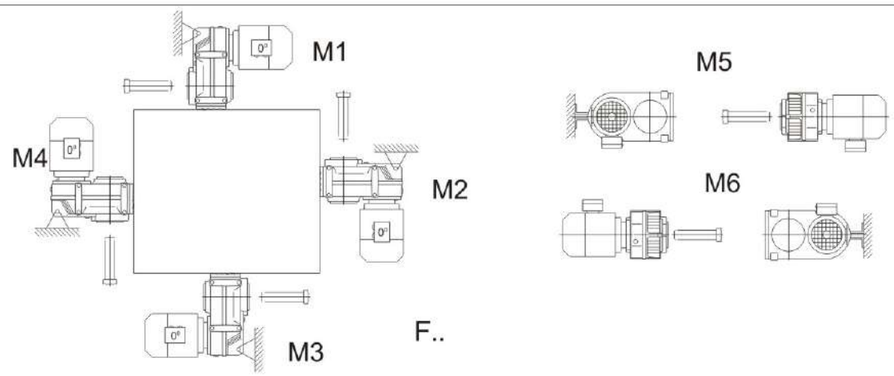
1)多级减速箱中较大的减速机须注较多的油量。
The output end unit of multi-stage gear units must be filled with the larger oil volume.

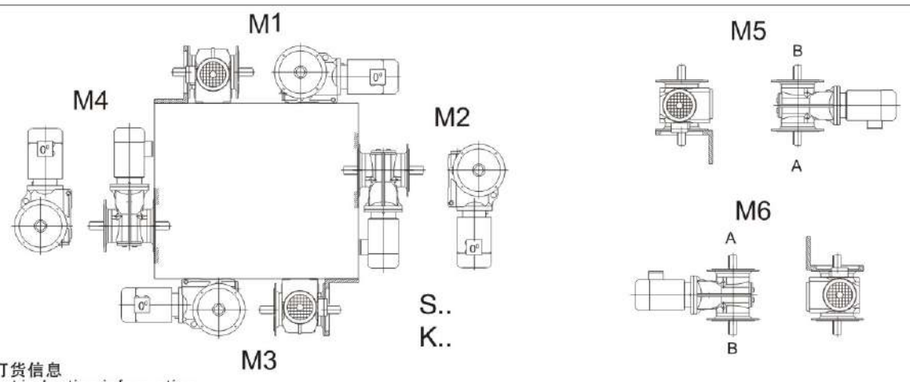
# 10. 安装位置 Mounting Position

## 10.1 安装位置概述
## 10.1 Mounting Position designation

安装位置说明：诺顿减速电机有M1..M6共6种安装位置。
下面的图表说明了减速器安装位置M1..M6的空间排列。
NUODUN differentiates between six mouning position M1–M6 for geared motors.
The following shows the spatial arrangement of the gear units in mounting positions M1–M6.




重要的订货信息
Important indention information
除了安装位置以外，下面订货资料也是必需的，以便精确描述所要求的减速电机外形。
Except the mounting position, the indention informations for depicting the figure of gear

| | |
|---|---|
| 电机接线盒位置 | Unit exactly are necessary |
| 电机接线上出线口位置 | Position of the motor terminal box |
| 对直角轴减速机：输出方向 | For the right–angle shaft reducers:output shaft connection. |
| 对直角轴型带收缩盘轴装式减速机：连接端带或不带法兰 | For the right–angle shaft reducers:with shrink–disk:with or without feange |
| 带逆止器的减速电机：设备的旋转方向 | For the drive with a backstop: the Direction of rotation. |



电机接线盒和出线嘴位置
Position of the motor terminal box cable entry

电机接线盒从电机风扇罩看(如图),位置分别表示为0°,90°,180°或270°
出线嘴的位置也可以进行选择(如图),分别表示为 “Normal”，“1”，“2”或 “3”
Possible positions of the terminal box are 0°, 90°, 180° or 270° as ciewed onto the fan guard=B–side
In addition, the position of the cable entry can be selected. The possibilities are "X"(=normal position), "1", "2",or "3"

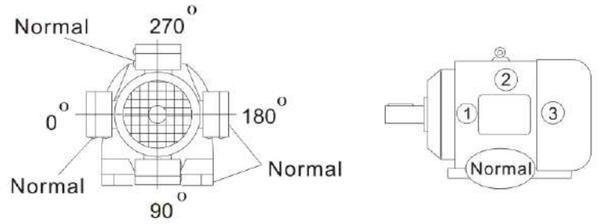



图:接线盒与出线嘴的位置
Fig:Position of the terminal box and cable entry

对于接线盒,除非给出了详细信息,否则接线盒按0°,出线嘴按 “Normal” 供货。
我们建议安装位置在M3时,应选择出线嘴位置为 “2” 。
注意：
对于 R17D71..减速电机,接线盒位置不能标为90°
D71..BMG接线盒位置为90°时,出线嘴位置不能标为 “2” 。
Unless other information is given regarding the terminal box, the 0° type with "X"cable entry will be supplied. We recommend selecting cable enty "2" with mounting position M3.
The terminal box cannot be positioned at 90° on the R17D71 geared motor.
Cable entry "2" is not possible with the DT71..BMG motor with terminal box position 90°

带逆止器减速电机的旋转方向
Direction of totation of the drive with a backstop

若减速电机带逆止器,规定出减速电机的旋转方向是很必要的。按下列标识:
从输出轴看:顺时针(CW)为向右旋转逆时针(CCW)为向左旋转
If the drive has a RS backstop, it is necessary to stipulate the direction of drive rotation.
The following definition applies:
Looking onto the output shaft: Clockwise (CW) =Rotating to the right
Counterclockwise(CCW) = Rotating to the left

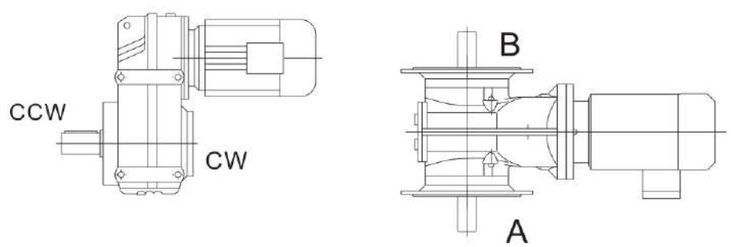



图:输出轴的旋转方向
Fig: Direction of rotation of the output shaft

对于直角轴型式减速电机,规定出给定的旋转方向是从A端看还是从B端看的,这是非常必要的。
In right–angle gear units, it is necessary to indicate if the direction of rotation is given where be looked from the A or B end.

## 输出轴的位置
## Position of the output shaft

对于直角轴型减速机,规定出出轴方向是必要的：A或B,还是A+B(见图)
In right-angle gear units, it is necenssary to indicate the position of the output shaft and output flange: A or B or A+B

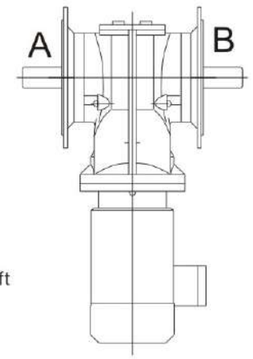



图:出轴方向
Fig: Position of the Output shaft

## 带锁紧盘的轴装直角轴减速机
## Position of the connection end in tight-angle gear units with shrink disk

对于轴装式带锁紧盘的正文轴型式减速电机,规定出A端还是B端为连接端并且连接端是否有法兰是必要的。在图中，A端是连接端，锁紧盘在连接端对面。
In shaft mounted righ-angle gear units with shrink disk, it is necessary to indicate whether the A or B end is the connection end. In Fig.The A end and is the connection end. The shrink disk is located opposite the connection end.

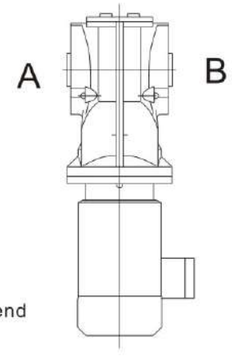



图:连接端的位置
Fig: Position of the connection end

## 定购实例
## Sample orders

对于K167/K187来讲，安装置为M5和M6时，连接端只能是在底部连接。
Connection end at bottom only is possible with BK167/K187 helical-beveal gear units in mounting positions M5 and M6.

| 类型 Type | 安装位置 Mounting position | 连接端 Shaft with | 锁紧盘位置 Position of shrink disk | 法兰 Flange | 接线位置 Position of teminal box | 出线嘴位置 Position of cable enty | 旋转方向 ration direction | 出轴方向 Output shaft direction |
|---|---|---|---|---|---|---|---|---|
| KF47D71D4/RS | M5 | A | - | B | 0° | “Normal” | CW | A |
| SF97D180M4 | M2 | A+B | - | A+B | 180 ° | “2” | - | A+B |
| KH107D160L4 | M1 | - | B | - | 270 ° | “3” | - | - |



## 所有符号的含义
## Symbols used

下表列出,在安装位置上的符号及其含义
The following table shows the symbols used in the mounting position sheets and what they mean:

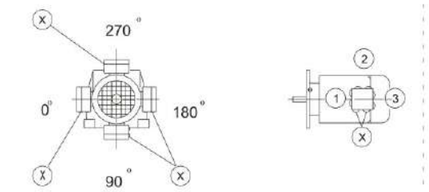
| 符号 Symbol | 含义 Meaning |
|---|---|
| | 通气器 Breather valve |
| | 油标 Oil level plug |
| | 放油螺塞 Oil drain plug |
| | 进线位置 In line plug |

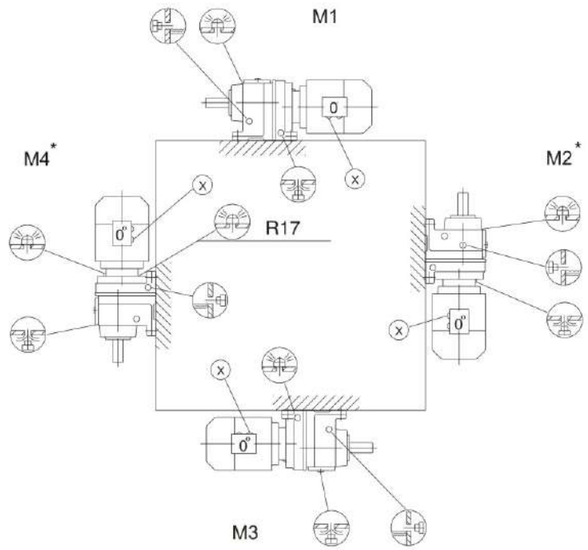
## 搅油损失
## Churning losses

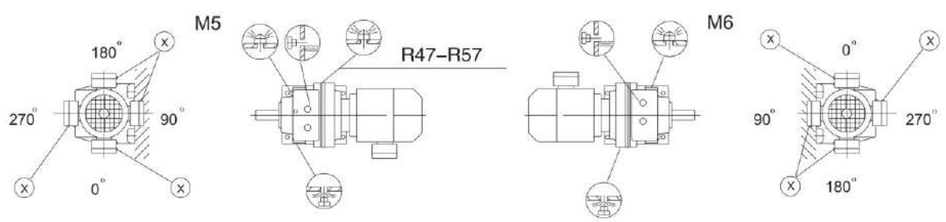
在某些安装位置可能增加搅油损失,在下列结构中请向诺顿咨询
In creased churning losses may arise in some mounting positions, Please contact NUODUN in case of the following combinations.

| 安装位置 Mounting position | 减速器型号 Gear unit type | 减速器规格 Gear unit size | 輸入速度(rpm) Input speed |
|---|---|---|---|
| M2,M4 | R | 97-107 | >2500 |
| | | >107 | >1500 |
| M2,M3,M4,M5,M6 | F | 97-107 | >2500 |
| | | >107 | >1500 |
| | K | 77-107 | >2500 |
| | | >107 | >1500 |
| | S | 77-97 | >2500 |

## 10.2 斜齿轮减速电机安装位置
## 10.2 Mounting position of Helical gear unit
### R17–R167



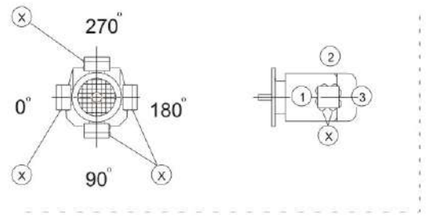



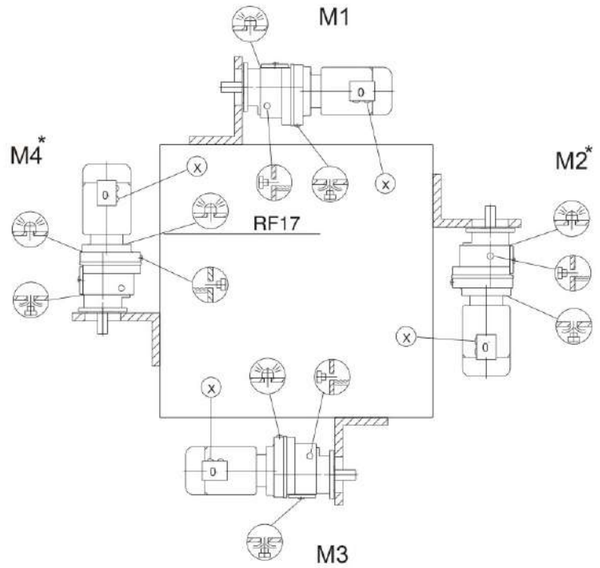



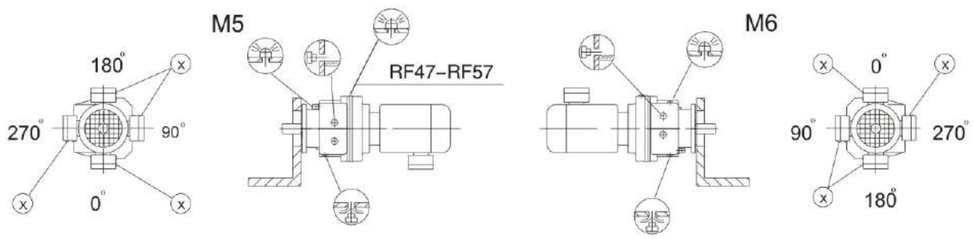

| | | |
|---|---|---|
| R17, R27 | ⊗ | M1,M3,M5,M6 |
| R47, R57 | ⊗ | M5 |
| R17, R27 | ⊗ | ⊗ |



### RF17–RF167

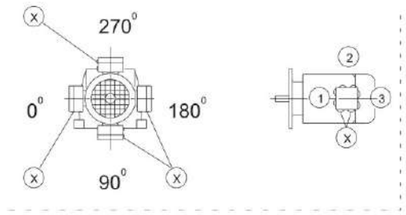


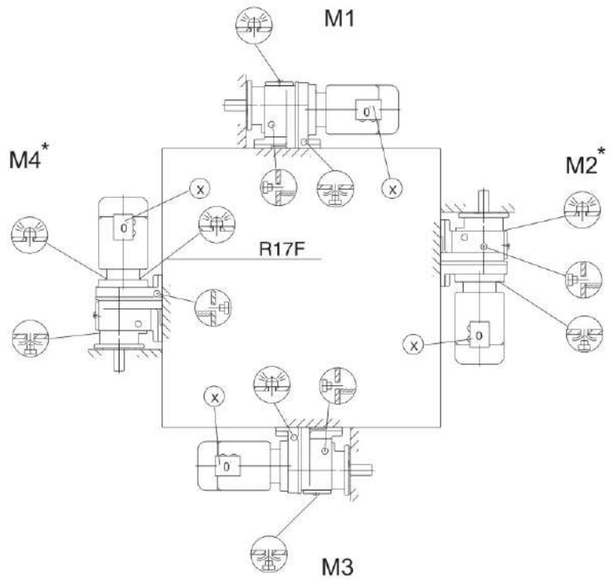



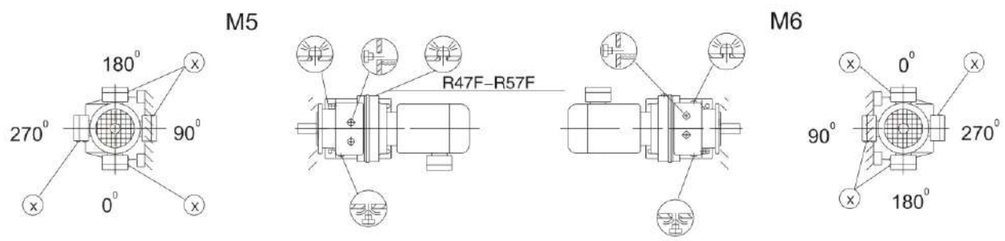




| | | |
|---|---|---|
| RF17, RF27 | ⊗ | M1,M3,M5,M6 |
| RF47, RF57 | ⊗ | M5 |
| RF17, RF27 | ⊗ | ⊗ |

## R17F–R87F

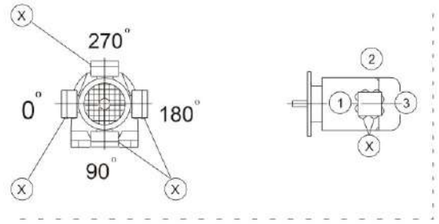


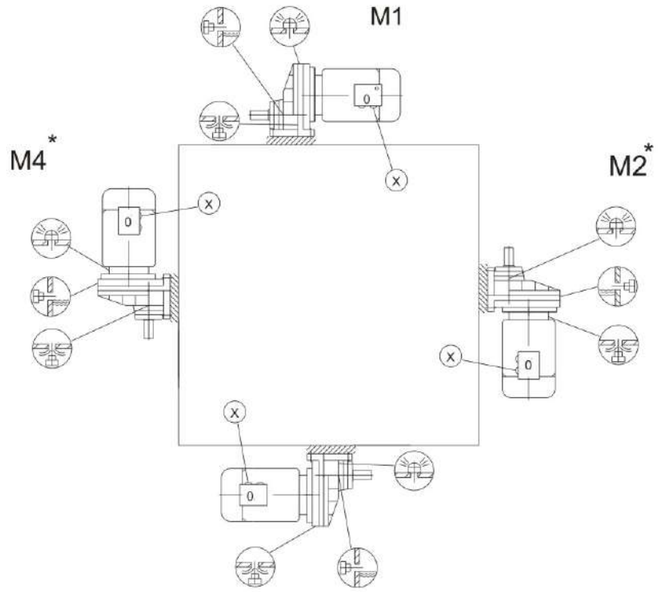



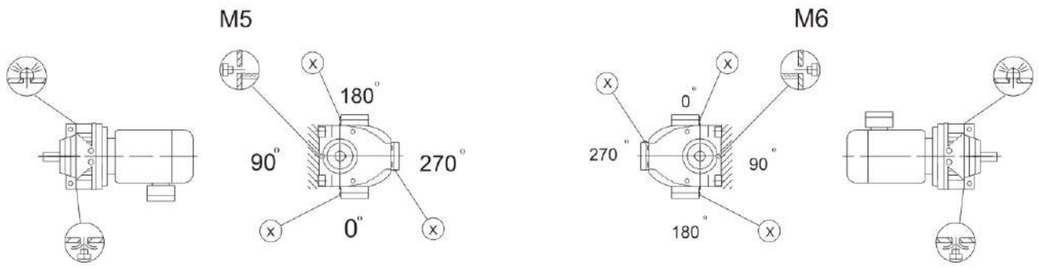




| | | |
|---|---|---|
| R17F, R27F | | M1,M3,M5,M6 |
| R47F, R57F | | M5 |
| R17F, R27F | | |

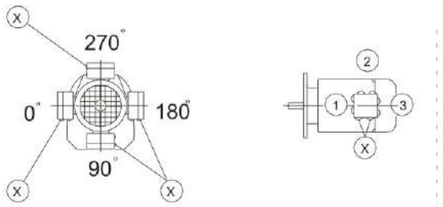
## RX57–RX107

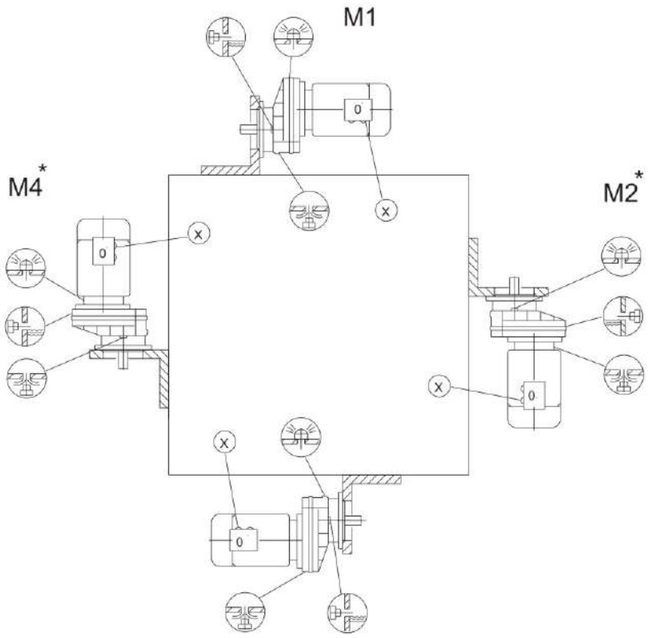


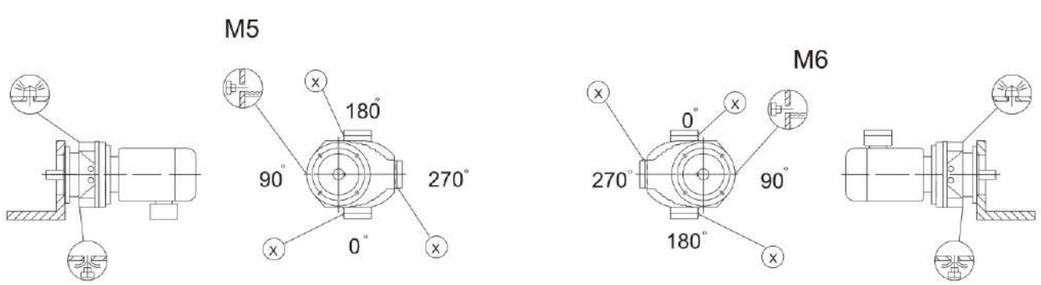



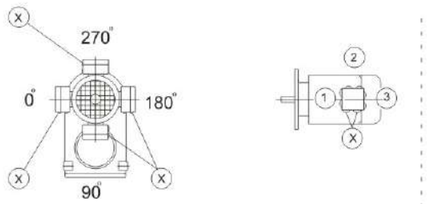
RXF57–RXF107

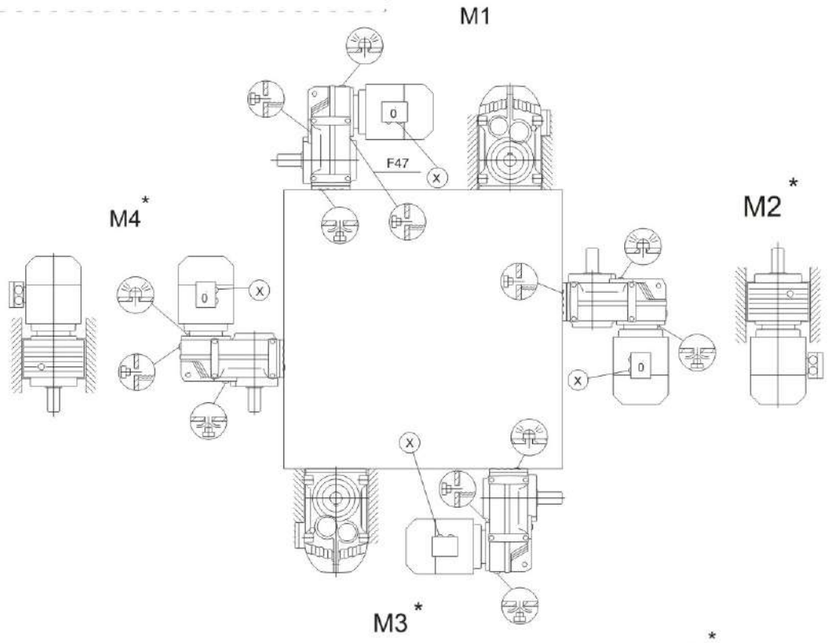


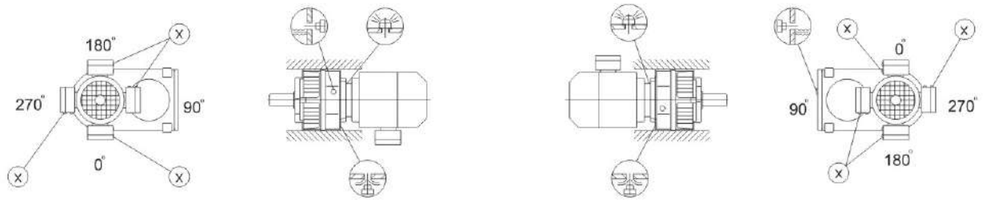




10.3 平行轴斜齿轮减速电机安装位置
10.3 Mounting position of parallel shaft helical Gear unit
F/FA..B/FH27B–177B, FV27B–107B

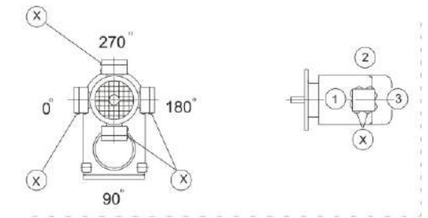


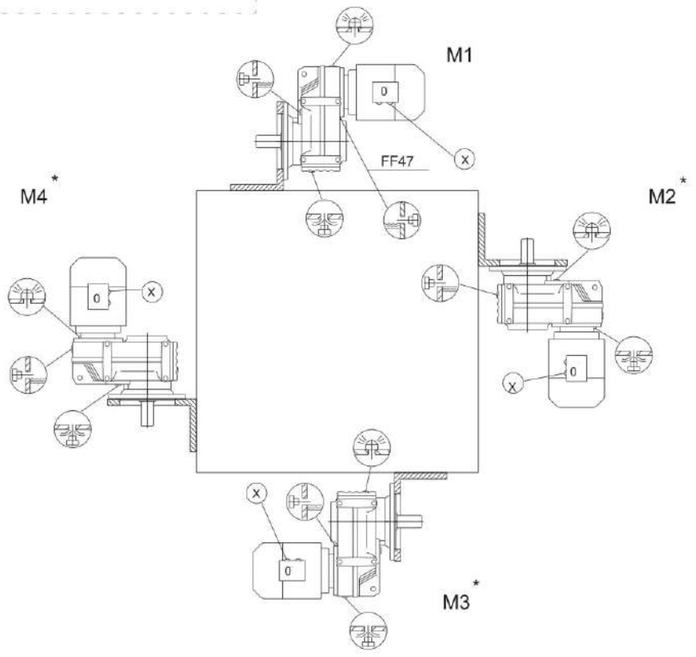



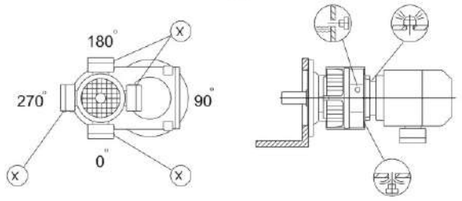

| | | |
|---|---|---|
| F..27 | | M1,M3,M5,M6 |
| F..27 | | M1--M6 |
| F..27 | | M1,M3,M5,M6 |

## FF/FAF/FHF/FAZ/FHZ27-177,FVF/FVZ27-107

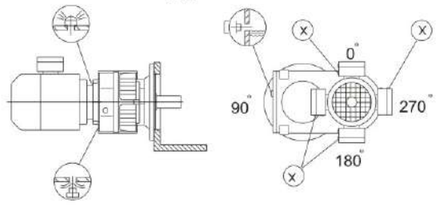



M5*

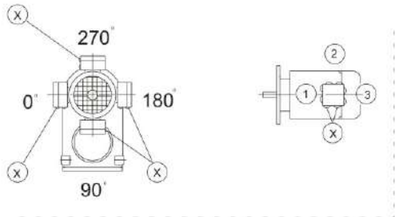


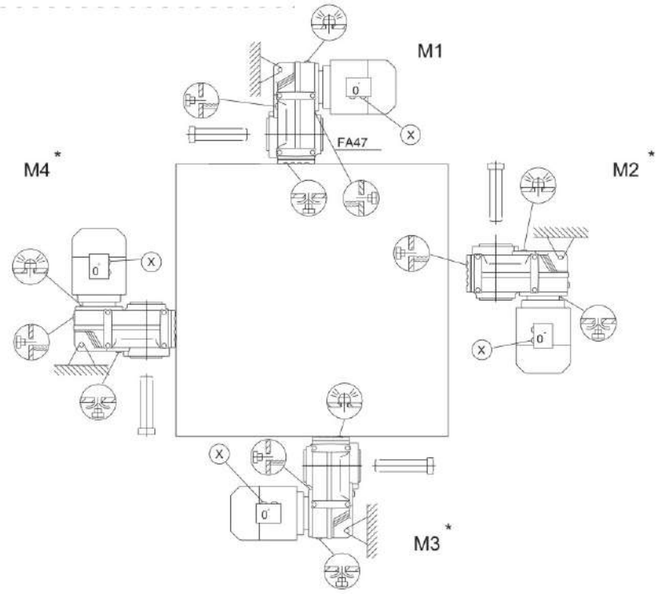

M6*



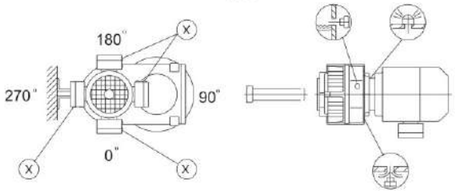

| | | |
|---|---|---|
| F..27 | | M1,M3,M5,M6 |
| F..27 | | M1--M6 |
| F..27 | | M1,M3,M5,M6 |

## FA/FH27-177,FV27-107

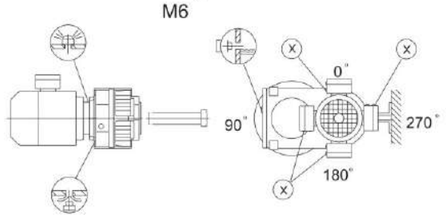



M5*

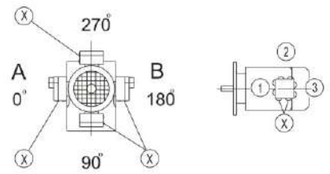


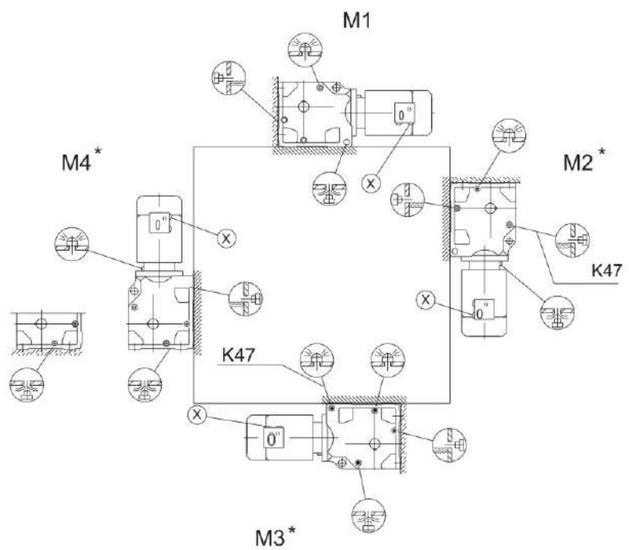

M6*

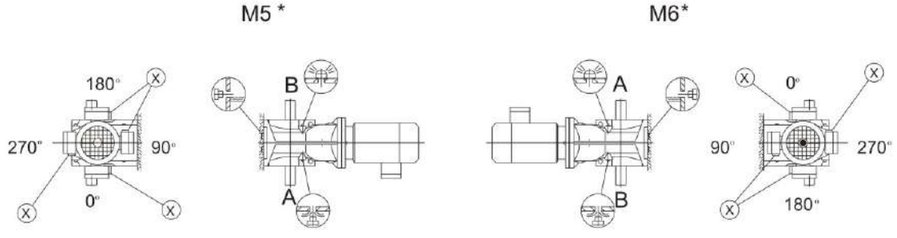



| | | |
|---|---|---|
| F..27 | | M1,M3,M5,M6 |
| F..27 | | M1--M6 |
| F..27 | | M1,M3,M5,M6 |

## 10.4 斜齿轮–伞齿轮减速电机安装位置
## Mounting position of helical – bevel Gear unit
## K/KA..B/KH37B–157B, KV37B–107B



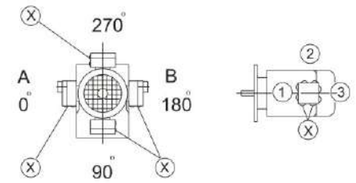



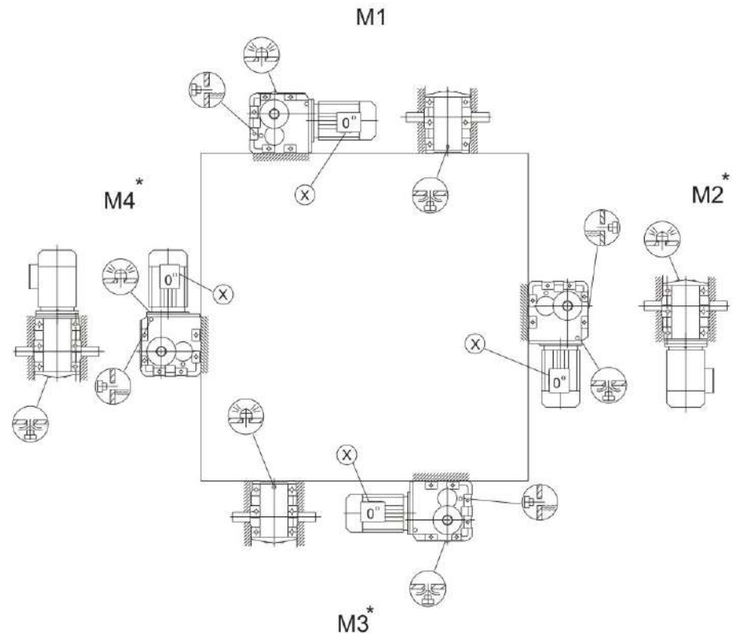



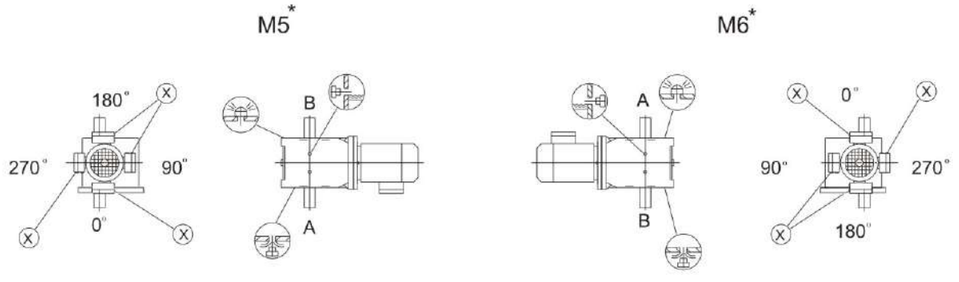

重要:请参见"减速器选型"中"径向和轴向负载"部分(P17)
Important:Please refer to the information in the " Geared Motos" catalog. Optional Planning for Ge units Ouerhung and axial loads part" (P17)



## K167–187,KH167B–187B

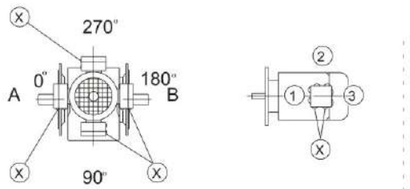


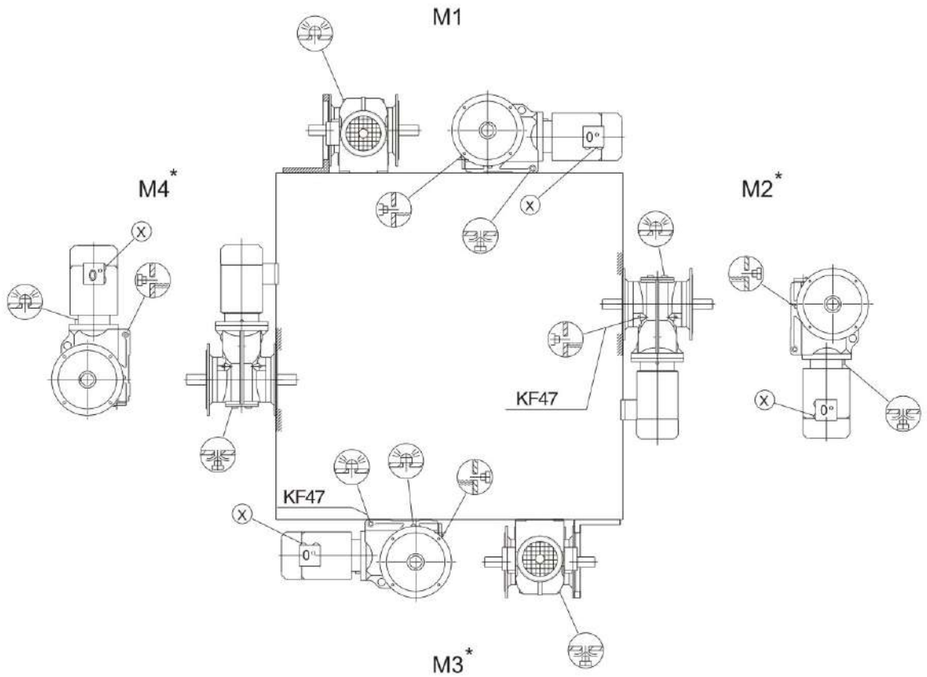



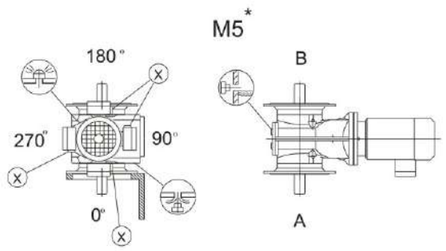



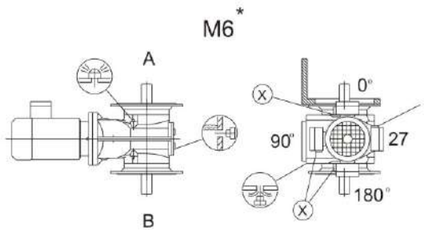

重要:请参见"减速器选型"中"径向和轴向负载"部分(P17)
Important:Please refer to the information in the " Geared Motos" catalog. Optional Planning for Gear units Ouerhung and axial loads part" (P17)

## KF/KAF/KAZ/KHZ37–157, KVF/KVZ37–107

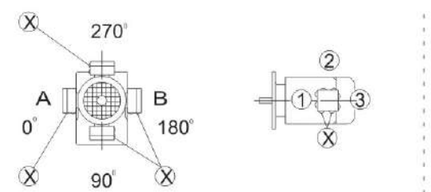


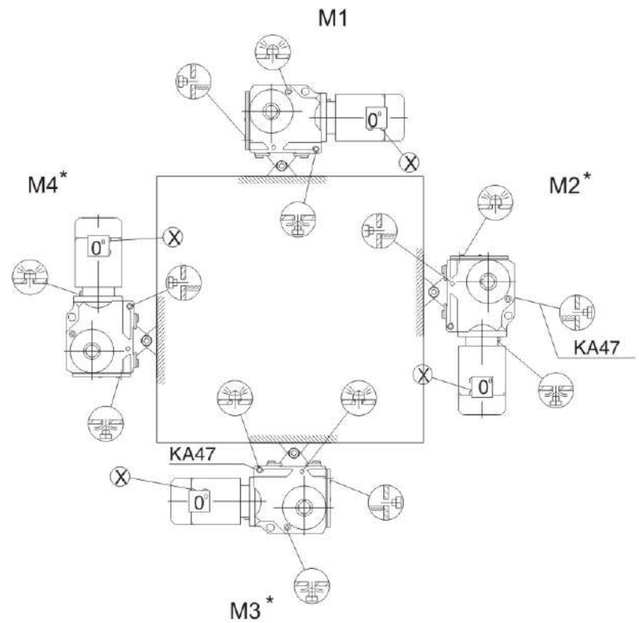



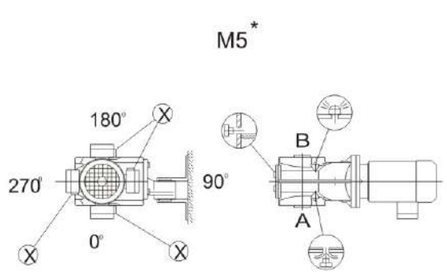



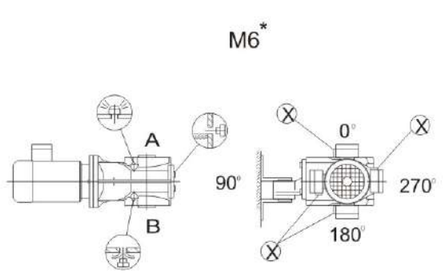




## KH/KH37–157, KV37–107

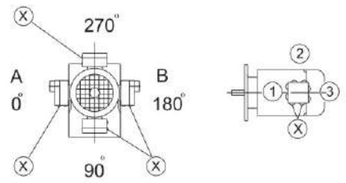


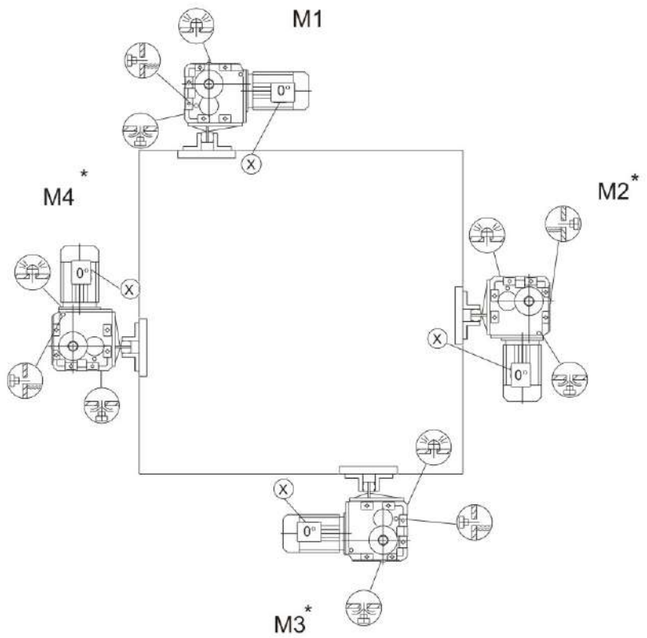



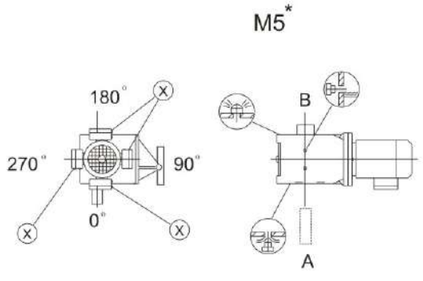



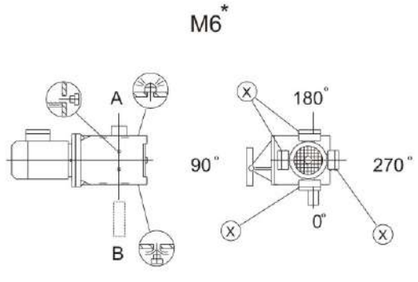



KH167–187

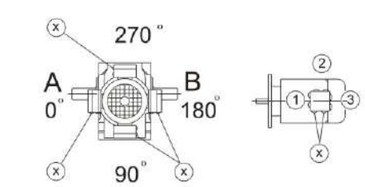


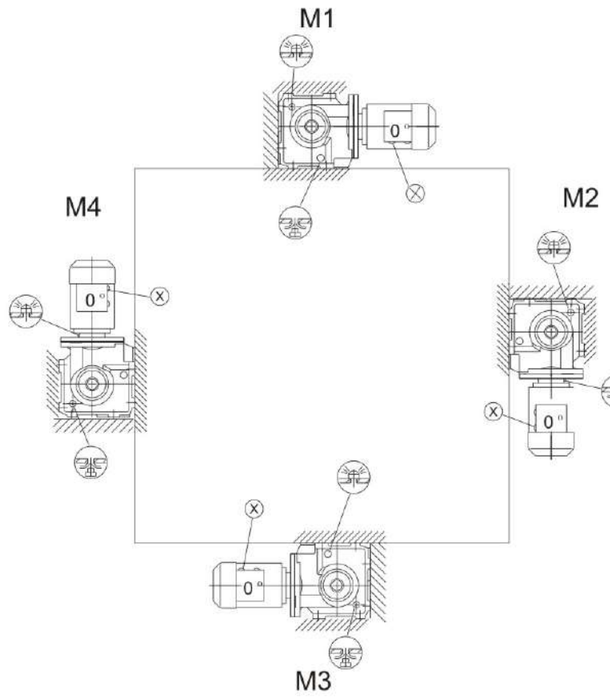



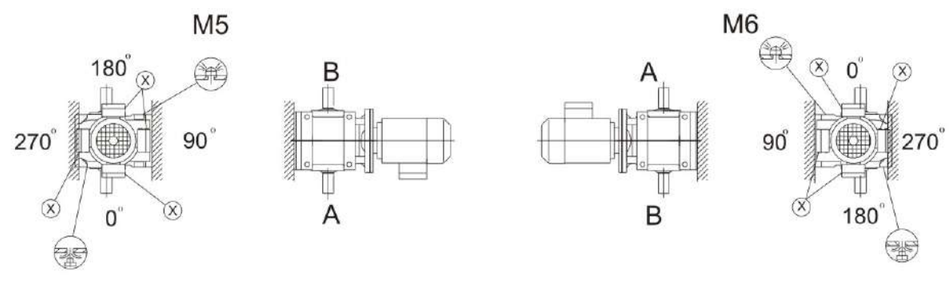




10.5 斜齿轮–蜗杆减速电机安装位置
10.5 Mounting position of Helical – worm Gear motor
S37

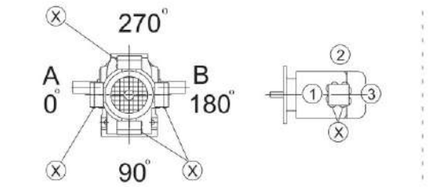


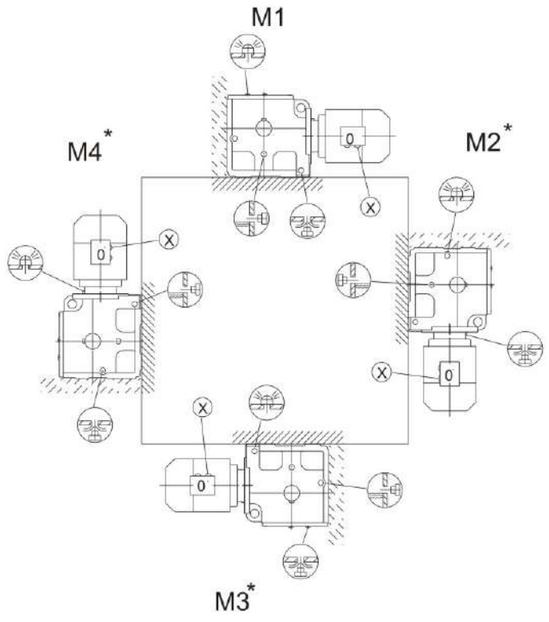



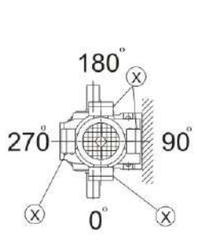



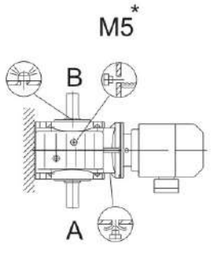

重要:请参见"减速器选型"中"径向和轴向负载"部分(P17)
Important:Please refer to the information in the " Geared Motos" catalog. Optional Planning for Gear units Ouerhung and axial loads part" (P17)

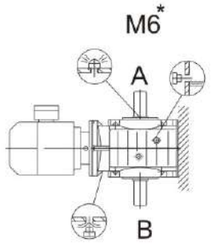
## S47–S97

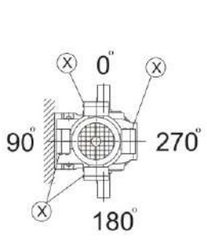


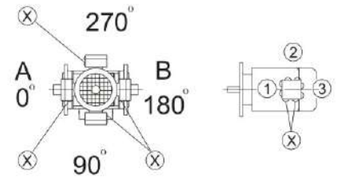



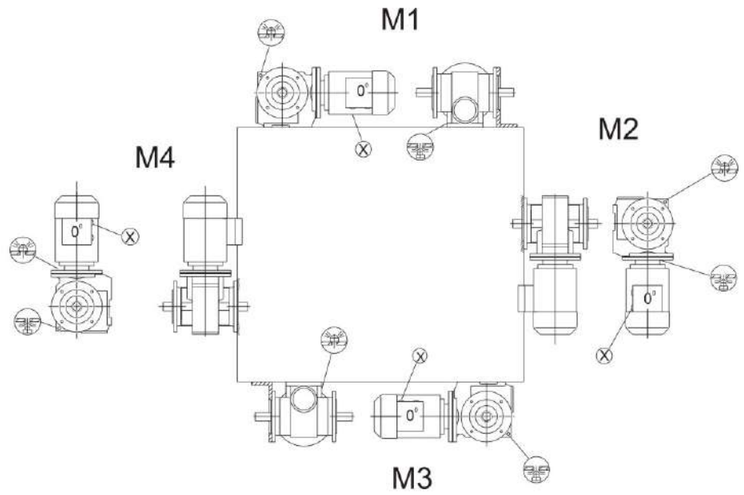



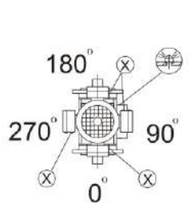

重要:请参见"减速器选型"中"径向和轴向负载"部分(P17)
Important:Please refer to the information in the " Geared Motos" catalog. Optional Planning for Gear units Ouerhung and axial loads part" (P17)

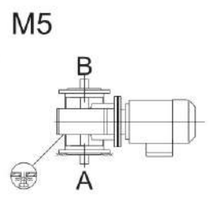


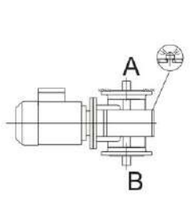
## SF/SAF/SHF37

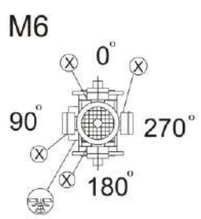


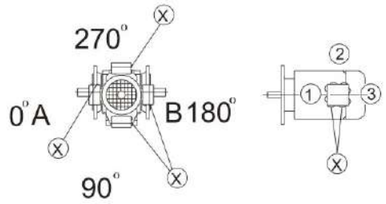



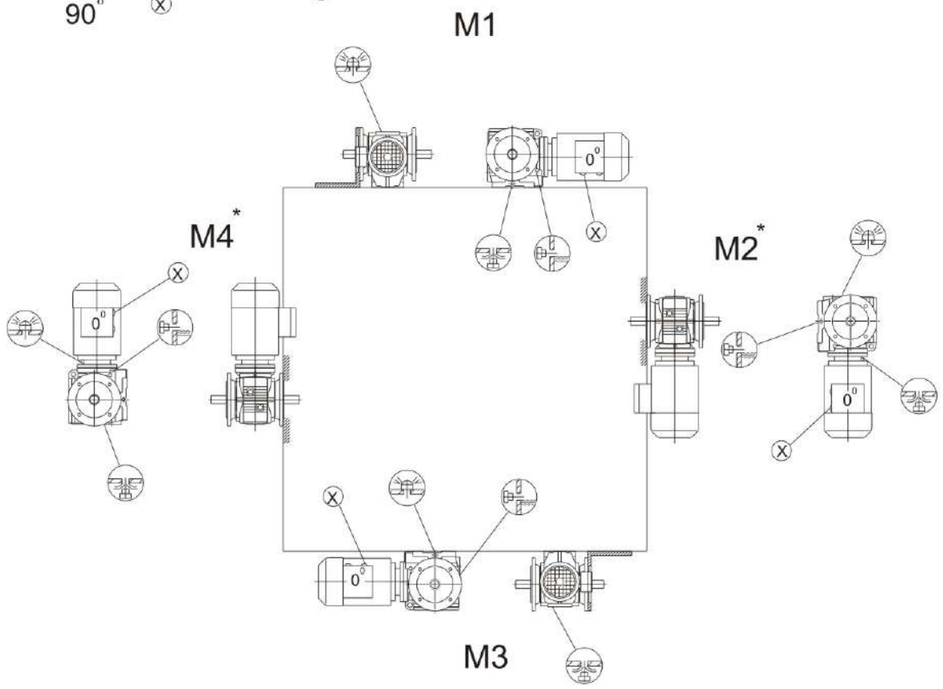



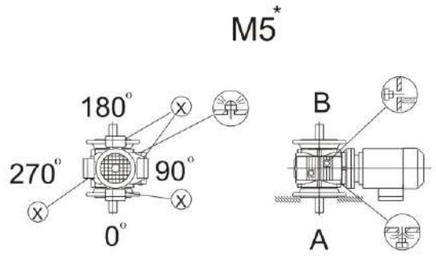



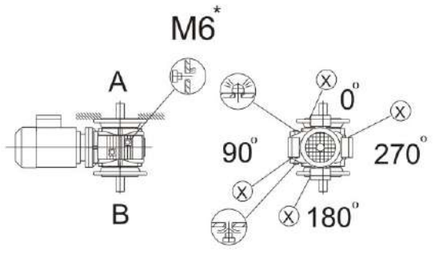
## SF/SAF/SHF/SAZ/SHZ47..–97..





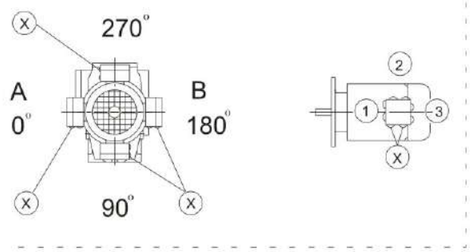



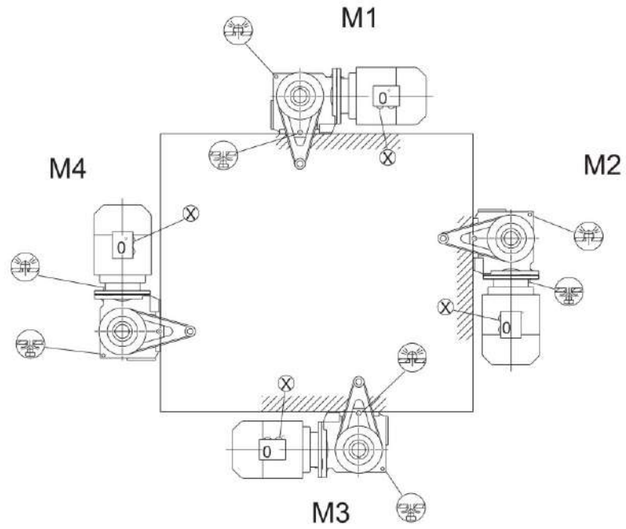



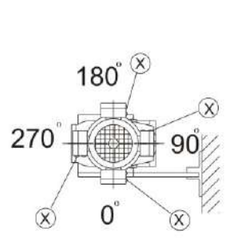


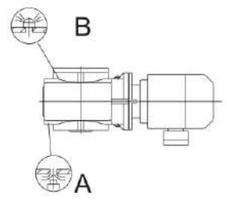

## SA/SH37

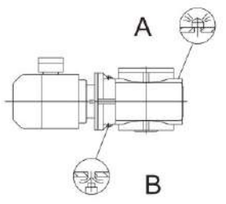


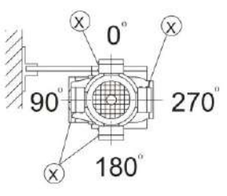


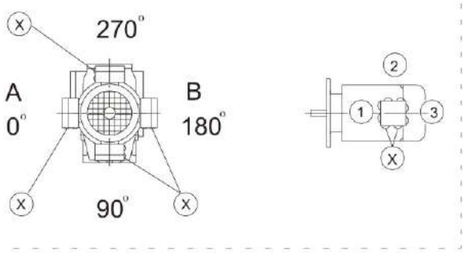



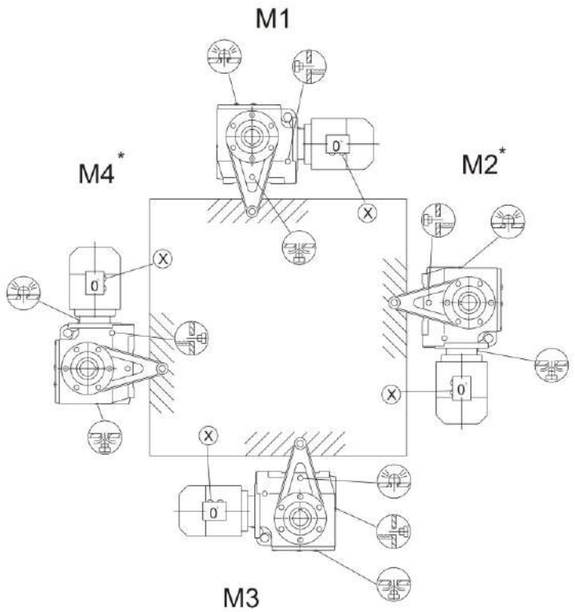



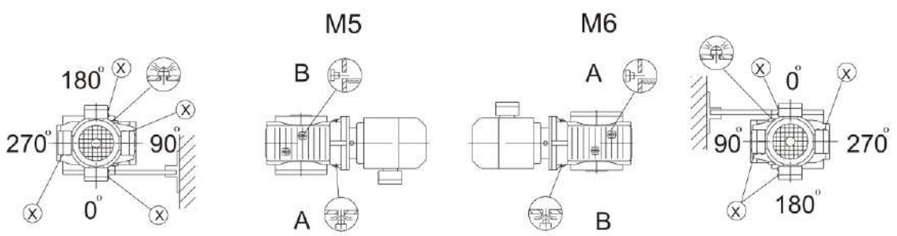



SA/SH47..–97..






## 11. 尺寸信息 Information on dimension sheets

范围的分类
Scope of classification

▱ =诺顿作为标准部件提供
Standard parts supplied by NUODUN
▭ =诺顿不作为标准部件提供
Standard parts unsupplied by NUODUN

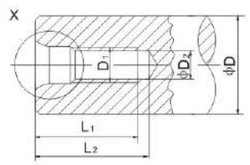
中心高公差
Shaft heights tolerances

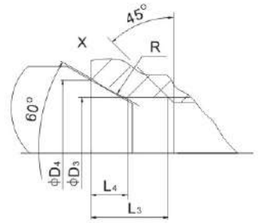
h ≤250mm →-0.5mm
h >250 →-1mm

地脚安装减速机：当配有电机时，电机可能已凸出到安装平面以下，请注意检查。
Foot-mounted gear units:The motor may project below the mounting surface when fitted, please check.

轴公差
Shaft tolerance

直径公差 Diameter tolerance
ϕ ≤50mm →ISOk6
ϕ >250 →ISOm6
按照DIN332标准有DR型中心孔：
Center holes in accordance with DIN332. shape DR




| 输出轴直径 ϕD Diameter of Output shaft | D1 | D2 | D3 | D4 | R | L1 +2 | L2 min | L1 | L4 ≈ |
|---|---|---|---|---|---|---|---|---|---|
| ϕD=7-10mm | M3 | 2.5 | 3.2 | 5.3 | 4.0 | 9.0 | 12.0 | 2.6 | 1.8 |
| ϕD>10-13mm | M4 | 3.3 | 4.3 | 6.7 | 5.0 | 10.0 | 14.0 | 3.2 | 2.1 |
| ϕD>13-16mm | M5 | 4.2 | 5.3 | 8.1 | 6.3 | 12.5 | 17.0 | 4.0 | 2.4 |
| ϕD>16-21mm | M6 | 5.0 | 6.4 | 9.6 | 8.0 | 16.0 | 21.0 | 5.0 | 2.8 |
| ϕD>21-24mm | M8 | 6.8 | 8.4 | 12.2 | 10.0 | 19.0 | 25.0 | 6.0 | 3.3 |
| ϕD>24-30mm | M10 | 8.5 | 10.5 | 14.9 | 16.0 | 22.0 | 30.0 | 7.5 | 3.8 |
| ϕD>30-38mm | M12 | 10.2 | 13.0 | 18.1 | 20.0 | 28.0 | 37.0 | 9.5 | 4.4 |
| ϕD>38-50mm | M16 | 14.0 | 17.0 | 23.0 | 25.0 | 36.0 | 45.0 | 12.0 | 5.2 |
| ϕD>50-85mm | M20 | 17.5 | 21.0 | 28.4 | 31.5 | 42.0 | 53.0 | 15.0 | 6.4 |
| ϕD>85-130mm | M24 | 21.0 | 25.0 | 34.2 | 40.0 | 50.0 | 63.0 | 18.0 | 8.0 |
| ϕD>130mm | M30 | 26.5 | 31.0 | 42.6 | 50.0 | 63.0 | 85.0 | 20.0 | 10.0 |

空心轴
Hollow shaft

键：根据DIN6885确定（圆头平键）
keys: In accordance with DIN6885 (domed type)
直径公差
Diameter tolerance
ϕ →ISOH7塞规测量
ISOH7 measured with plug gauge

花键轴
Mulitiple-spine shafts

Dm =测量棒直径 Measuring roller diameter
Me =检测尺寸 Inspection size

## 法兰
## Flange

止口公差 Centering shoulder tolerance

ϕ ≤230mm(flange size A 120–A300) →ISOj6
ϕ >230mm(flange size A 350–A660) →ISOh6

对于每个规格的斜齿轮减速机、交流(制动)电机和防爆(制动)电机最多可提供三种不同尺寸的法兰，每种法兰的尺寸见相关尺寸表。
Up to three different flange dimensions are available for each size of helical gear units AC (brake) motor and explosion–proof AC (brake) motor. The possible flanges per size are indicted in the relevant dimension sheets.

## 起吊螺栓及吊耳
## lifting eyebolts, suspension eye lugs

R17和R27 减速机电机机座号小于100的减速电机没有配备专门的运输吊装工具、其它的减速机和电机配有铸造的吊装孔,用螺栓固定在机体上的吊耳或吊环。
R17...R27 helical gear units,motors up to DV100 and Spiroplan geared motoes are delivered without special reansport fixtures. Otherwise, the gear units and motors are equipped with cast–on suspension eye lugs, screw–on suspension eye lugs or sceew–on lifting eyebolts.

| 减速机/电机型号规格 Gear unit/motor type | 吊环/吊耳 Screw–on lifting eyebolts /suspension eye lugs | 铸造吊装孔 Cast–on suspension eye lugs |
|---|---|---|
| R/RF37–57,RX/RXF57–67 | ● | — |
| ≥R67 | ● | — |
| F37–157 | — | ● |
| K37–157 | — | ● |
| K167–187 | ● | — |
| S37–47 | ● | — |
| S57–97 | — | ● |
| ≥ DV112 | ● | — |



## 通气阀
## Breather valves

减速机尺寸图总是显示为螺塞，相应的螺塞在出厂前按照其定货要求的安装位置更换为通气阀。这意味着减速机的外形尺寸图稍有不同。
The gear unit dimension drawings are always shown with screw plugs. The corresponding sc–rew plug is replaced by an breather valve at the factory depending on with mounti–ngposition M1–M6 is ordered. Theis means the contour dimensions may be slightly different.

## 锁紧盘连接
## Shrink disk connevtion

对于锁紧盘连接的空心轴减速机:若需要可向诺顿索要关于锁紧盘的详细数据表。
Hollow shaft gear unit with shrink disk connection :If required please request a detailed data sheet on shrink disks form NUODUN, data sheet no.33 753..95.

## 花键空心轴
## Splined hollow shaft

FV..和KV.. 减速机从37到107可提供按 ISO4762 制作的花键空心轴。
Hollow shaft gear units FV.. in sizes 37–107 and KV.. in sizes 37–107 are supplied with a splied hollow shaft to ISO4762.

## FA/FH/FV的橡胶缓冲垫
## Rubber buffer for FA/FH/FV

f为在力矩Mamax作用下橡胶缓冲垫被压缩的距离尺寸
f stands for the compressed dimension of Rubber buffer in the Manax torque.

## 制动电机
## Brake motors

配制动电机时,G1B的尺寸代替G1;KB代K
In brake motors, dimensions G1B apply instead of G1 and KB instead of K

## 电机附件
## Motor accessory

电机的尺寸因不同的电机附件而不同，请参考电机选择的尺寸图。
The motor dimensions may different as a result of motor accessory. Please refer to the dimensions of the moroe accseeory.

## 特殊应用
## Special versions

接线盒的尺寸，在特殊应用如KS或CSA时与标准形式的尺寸不同。
The dimensions of the terminal box on spevial versions such as KS or CSA may different form the standard dimensions.