

NUODUN 诺顿

**NUODUN (HANGZHOU) INTELLIGENT
EQUIPMENT CO.,LTD.**

A.1 lane 1, Hengpeng Road, Nanyang, Xiaoshan

T.0571-82900331 F.0571-82900330
W.www.nuodundrive.com

DOMESTIC SALES TELEPHONE:

M. 0086-13301770111
E-wujp@nuodun.co



WeChat



WhatsApp

OVERSEAS SALES CALLS:

M. 0086-13622680352
E-sonya@nuodun.co



WeChat



WhatsApp



The contents of this album are not legally binding and are for informational purposes only.
Product specifications are subject to change without prior notice. All products sold are subject to change without prior notice.

NUODUN INTELLIGENCE

LINEAR TRANSMISSION
SOLUTION PROVIDER

www.nuodundrive.com

CH/CV HELICAL GEAR MOTOR



Specialized and innovative SMEs
National high-tech enterprises
Zhejiang provincial-level R&D center

NUODUN 诺顿

Empowering customers and society.
Leading the benchmark in transmission solutions.



NUODUN 诺顿

NUODUN: Your Reliable Partner for Precision Drive and Linear Motion Solutions

NUODUN focuses on the R&D and manufacturing of core products such as gear reducers and screw jacks. Adhering to a customer-centric philosophy that aligns with Western business communication standards, we provide high-performance, customizable solutions to meet global industrial needs. Our unwavering pursuit of precision, reliability, and efficiency has made us a trusted partner for enterprises worldwide.



About Us

Over the past 12 years, NUODUN has accumulated profound industry experience and technical expertise across dozens of sectors. Our solutions are widely applied and recognized in fields including semiconductor manufacturing, medical equipment, military and defense, metallurgy, photovoltaic technology, new energy equipment, automotive manufacturing, and aerospace.

We offer a comprehensive product portfolio covering the entire power transmission chain from input to load output, specifically including worm gear screw jacks, bevel gear jacks, ball screw jacks, planetary gear reducers, helical gear reducers, worm gear reducers, micro gear motors, electric cylinders, linear motion stages, and custom-engineered actuators. Our product range consists of 7 major series with more than 20,000 standard models, all of which have obtained ISO9001 certification to ensure compliance with international quality standards.



Founded in
2012 Person



Number of employees
96 Person



Engineer
13 Person



Patent
46 Item



Fixed assets
8200 Ten thousand



Annual production
15.6 Ten thousand table



Global service countries
21 Piece



Number of devices
86 Table



Service listed companies
16 Home



Awarded honors
5 Item

Choosing NUODUN means choosing a reliable long-term partner. We do not merely supply products — we provide full-process support to make every movement more precise and every lift more efficient. We look forward to working with you to create new value in the industrial field.

诺顿 诺顿 诺顿 诺顿
NUODUN NUODUN NUODUN NUODUN

CORE CAPABILITIES

1. Engineering and Technical Support
- Provide services such as accurate product selection calculation, 3D modeling, and equipment structure optimization to facilitate the rapid implementation of projects.
 - Offer professional technical consultation to solve complex application problems and ensure optimal system integration results.
2. Integrated Manufacturing Advantages
- Execute full-process manufacturing procedures — from core component machining and assembly to strict performance testing and final delivery.
 - Implement rigorous quality control standards at all production stages to ensure consistent product reliability.
3. Customized Solution Development
- Collaborate in-depth with customers to fully understand project objectives, operating conditions, and core requirements.
 - Provide customized design, R&D, and production services for non-standard products to meet the needs of unique application scenarios.
 - Support applications in special operating conditions such as high precision, extreme temperature resistance, corrosion resistance, and vibration resistance.
4. Commitment to Efficient Delivery
- Complete sample delivery within only 10 working days to support rapid prototyping and verification.
 - Fulfill bulk order delivery within 3-4 weeks to ensure project progress is not disrupted.

OUR COMPETITIVE ADVANTAGES

The synergistic advantage of "customization + integration" is the cornerstone of NUODUN's core competitiveness. Relying on continuous R&D investment, independent technical accumulation, and a mature delivery system refined through long-term verification and iteration, we have built a unique competitive barrier. Our strong engineering and technical capabilities enable us to go beyond the traditional supply model of standard products — we create value-driven solutions that balance precision, reliability, and cost-effectiveness.

"Focus, Dedication, Excellence" is our consistent value proposition. We firmly believe that only by continuously enhancing product value and customer success rate can we maintain sustained leadership in the industry. By deeply integrating professional technology with advanced manufacturing tools, we continuously promote product upgrading and optimization to retain our technological leadership.

CUSTOM DEMAND RESPONSE PROCESS:
A Six-Step Closed Loop from Concept to Implementation

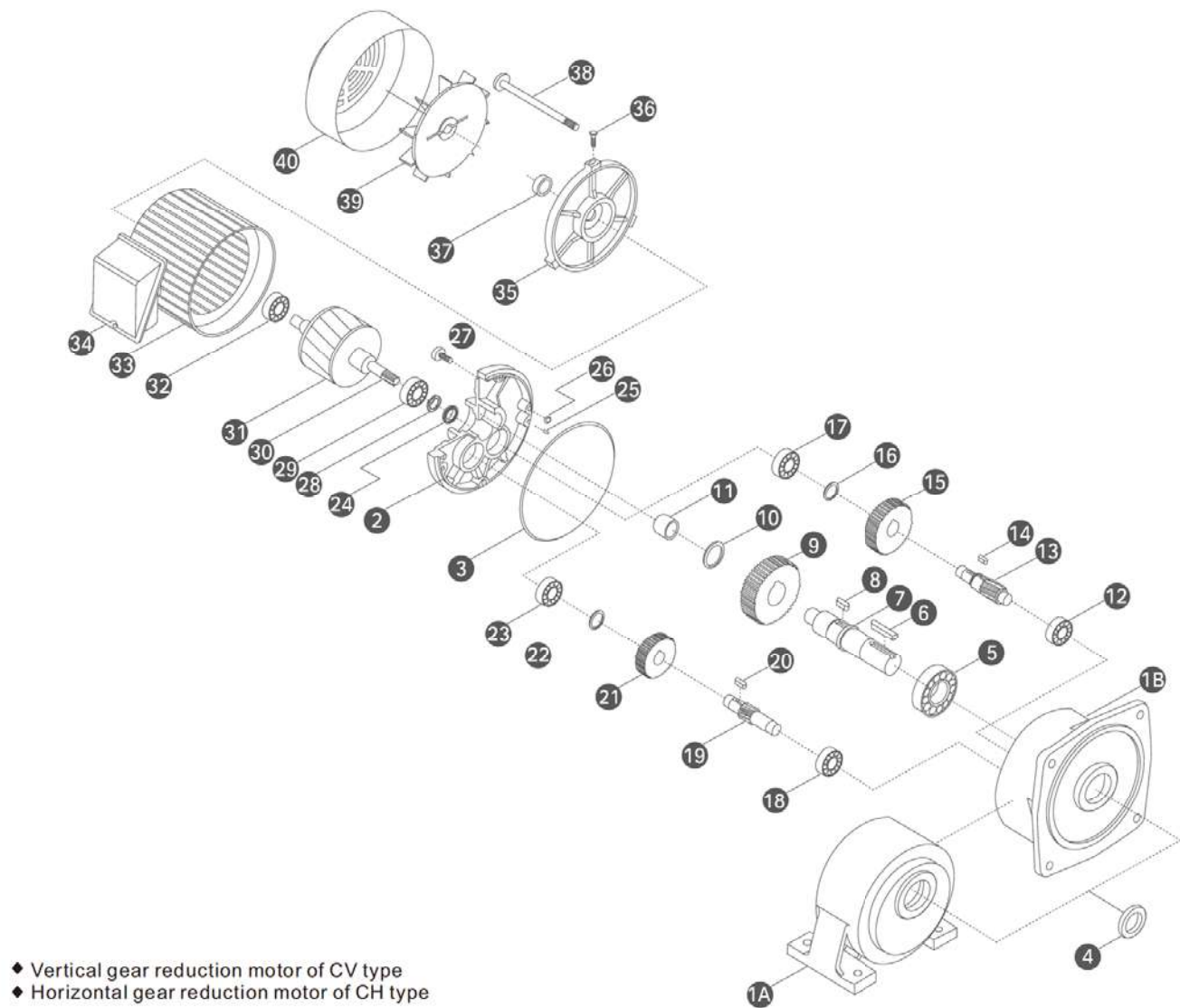
1. Demand Alignment: Conduct in-depth communication on project objectives, operating conditions, and core demands to clarify the scope of requirements.
2. Solution Design: Conduct technical feasibility assessment and output adapted product structure solutions and key parameters.
3. Business Confirmation: Confirm detailed quotations, cooperation terms, and delivery cycles to reach a cooperation consensus.
4. Sample Verification: Complete prototype trial production and ensure compliance with requirements through functional testing and structural inspection.
5. Bulk Production: Implement strict quality control standards, advance bulk production, and deliver products on schedule.
6. After-Sales Follow-Up: Provide continuous technical support and after-sales responses to ensure the long-term stable operation of equipment.



PARTNER

CH/CV Helical Gear Motor

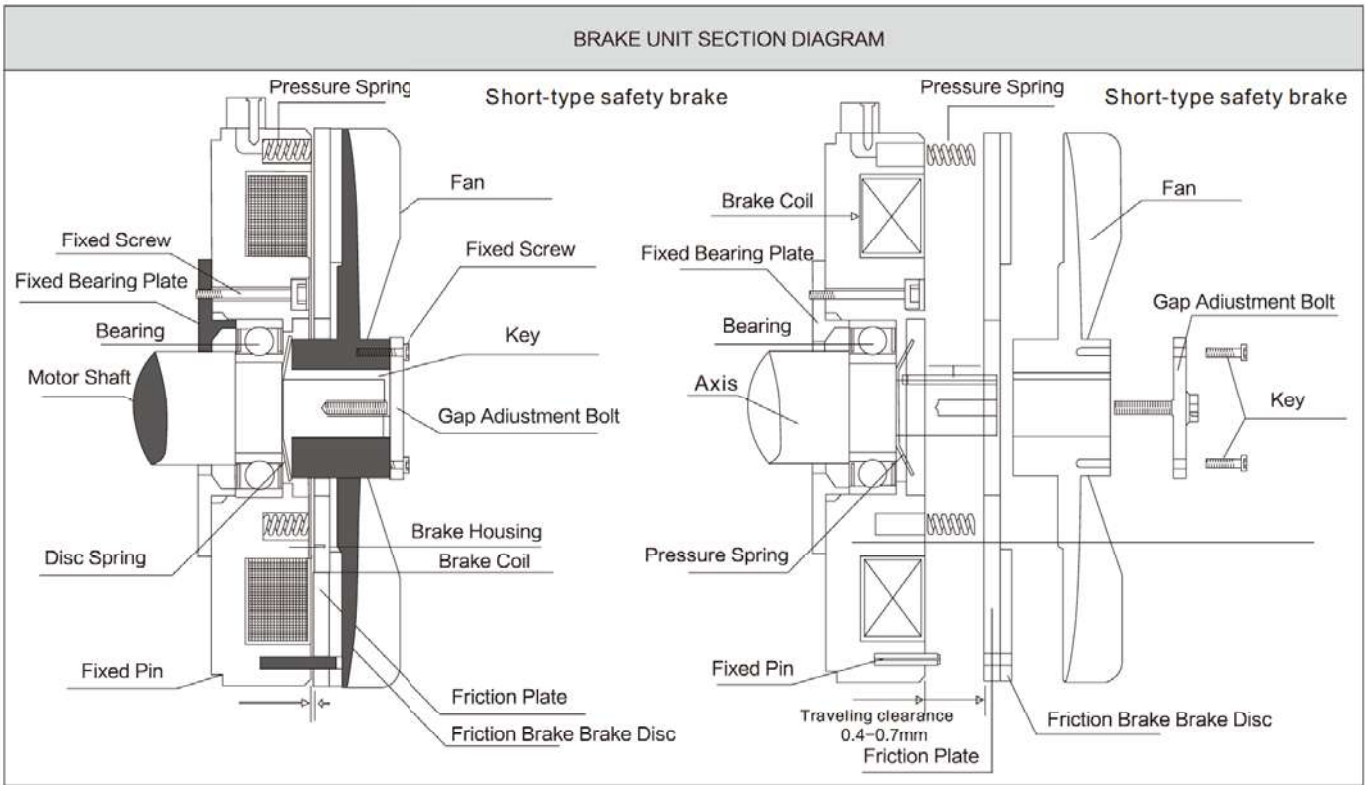


- ◆ Vertical gear reduction motor of CV type
- ◆ Horizontal gear reduction motor of CH type

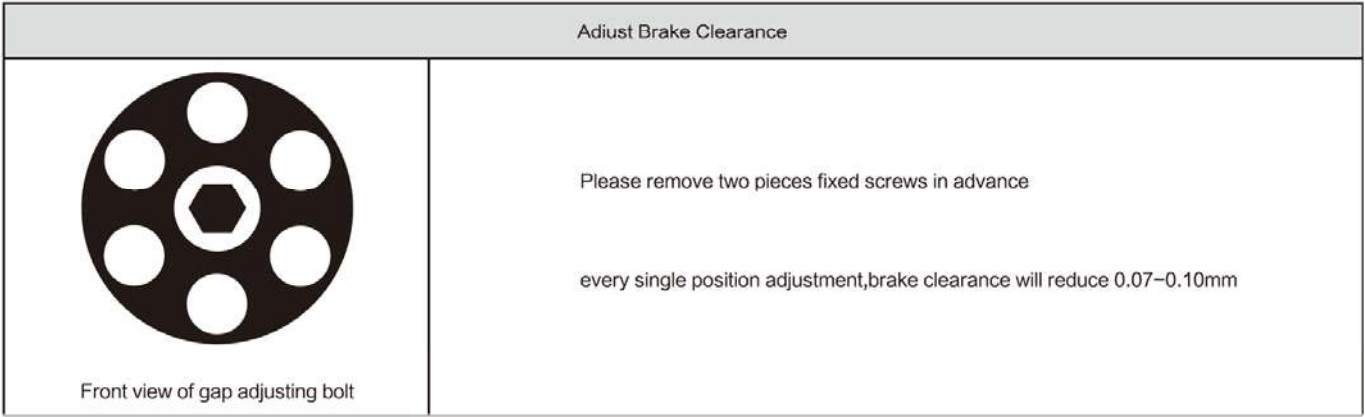
Partlist

Item	Name	Item	Name	Item	Name
1A	Horizontal Housing	14	Key-3 RD Stage Pinion	28	Wave Spring
1B	Vertical Housing	15	Gear-2 ND Stage	29	Bearing of Shaft
2	Front Cover	16	C-Snap Ring	30	Motor Shaft
3	O-Ring	17	Bearing-3 RD Stage Pinion	31	Rotor
4	Oil Seal-Output Shaft	18	Bearing-2 RD Stage Pinion	32	Bering of Shaft
5	Bearing-Output Shaft	19	Pinion-2 ND Stage	33	Staor
6	Key-Output Shaft	20	Key-2 ND Stage Pinion	34	Wire Box
7	Output Shaft	21	Gear-1 ST Stage	35	Rear Cover
8	Key-3 RD Pinion	22	C-Snap Ring	36	Screw-Fan Cover
9	Gear-3 RD Stage	23	Bearing-2 ND Stage Pinion	37	Oil Seal-Rearcover
10	C-Snap Ring	24	Oil Seal-Motor Shaft	38	Bolt
11	Oilless Braring	25	Pin	39	Fan
12	Bearing-2 ND Stage Pinion	26	O-Ring	40	Fan Cover
13	Pinion-3 RD Stage	27	Hex-Head Screw		

Partslist



Item	Name	Item	Name
1	Pressure Spring	9	Fixed Screw
2	Fixed Screw	10	Key
3	Fixed Bearing Plate	11	Gap Adjustment Bolt
4	Bearing	12	Brake Housing
5	Motor Shaft	13	Brake Coil
6	Disc Spring	14	Friction Plate
7	Fixed Pin	15	Friction Brake Brake Disc
8	Fan		



Technical Data							
CH - 28 - 400 - 30 - S(Z) - B - G1 - LB							
Model code	Output shaft	Power	Reduction ratio	Motor selection	Brake parts	Junction box direction	Direction of the inlet
CH Horizontal	Φ18	100W	5	S: Three-phase voltage 380V1220V	B:DC90V power off braking	G1: Left direction	T: Upwards
CV Vertical	Φ22	200W	10	D: Single-phase 220V	D:DC24V power on braking	G2: Right direction	D: Downwards
	Φ28	400W	--	A: Single-phase110V	YB: manual release braking	G3: Up direction	F: Forwards
	Φ32	750W	180	Z: Short frame type		G4: Down direction	B: Backwards
	Φ40	1500W	1800	Standard type omitted			L: Leftwards
	Φ50	2200W					R: Rightwards
		3700W					

◆ The motor can be optionally equipped with an overheat protection, please add additional text description.

Terminal box direction

Type	G1- Left Side	G1- Right Side	G3- Upper Side	G4-Lower Side
CH Type				
	G1	G2	G3	G4
CV Type				
	G1	G2	G3	G4

Wire Inlet Direction								
	LD	LT	RD	RT	TL	TR	DL	DR
								
	LF	LB	RF	RB	TF	TB	DF	DB

AVAIL ABLE MAX OUTPUT SHAFT DIAMETER

Gear Box	Standard Output Shaft Dia	Max Available Shaft Dia	Output End Bearing
1#	Φ18	Φ20	6004
2#	Φ22	Φ25	6205
3#	Φ28	Φ30	6206
4#	Φ32	Φ35	6207
5#	Φ40	Φ45	6209
6#	Φ50	Φ55	6211

TECHNICAL DATA

MOTOR SPECIFICATION

Item	3-Phase Motor		1-Phase Motor	
Protection	Ip54 with alum alloy terminal box,and other is IP20			
Frame Material	Alum alloy for 100W~1500W,Cast iron for others			
Starting	Full pressure start		0.1-0.2KW	Capacitor start motor
			0.4-1.5KW	Capacitor start +centrifugal switch
Duty	Continuous running			
INS.Class	F Grade insulation			
Environment	Temp:-10℃ ~+40℃ Humidity: ≤ 90%			
Voltage	220-240/380-415V,50Hz		220V, 50/60Hz / 110V,50/60Hz	
Rated Speed	50Hz	1330-1450RPM	60Hz	1600-1750RPM
Standard	International standard / National standard IEC-34,CNS-10919			
Height	≤ 1000m			

Rated current of 3-phase motor / 4-poles

Unit:A 50Hz

Output	220V	380V	415V	440V	460V
100W, 1/8HP	0.60	0.35	0.32	0.30	0.29
200W, 1/4HP	1.15	0.65	0.61	0.58	0.55
400W, 1/2HP	2.10	1.25	1.11	1.05	1.00
750W, 1HP	3.60	2.15	1.91	1.80	1.72
1500W, 2HP	6.50	3.80	3.45	3.25	3.11
2200W, 3HP	8.90	5.15	4.72	4.45	4.26

单相 4 极马达额定电流值 Rated current of 1-phase motor / 4-poles

Unit:A 50Hz

输出功率 /Output	100V	110V	115V	120V	220V	230V
100W, 1/8HP	1.98	1.80	1.72	1.65	0.90	0.85
200W, 1/4HP	3.52	3.20	3.06	2.93	1.60	1.53
400W, 1/2HP	6.16	5.60	5.36	5.13	3.20	2.68
750W, 1HP	11.9	10.8	10.3	9.90	5.40	5.17

Main parts notes

Gearbox The output shaft diameter of gearbox 1#、2#、3#、4# are18、22、28、32 separately.The material of gearbox is Al.alloy.4#、5#、6# are 32、40、50 respectively.Gearbox is made of castiron

Gear piece:The material 40Cr mixes to HB280,then dealed with high frequency quencher HRC50.Gear should be processed by milling with high precision.The class is 6.

Gear shaft:The material 20CrMnTi will be changed into HRC60 through processing of cementite quencher. Gear shaft will be processed with gear hobbing. precision class is 6.

Motor shaft:The material 42CrMo mixes to HB280.then dealed with high frequency quencher HRC45.Finally,Gear is cut for the second. Motor shaft will be processed with gear hobbing,precision class is 6

Ball bearing:We adopt tight bearing with high precision,to make sure longterm running life.

Oil seal:Gear shaft gives priority to enduring high temp,avoiding oil infiltration.

Terminal box One is Al alloy,which equipes good capability of waterproof and dustproof,protection grade is IP55.The other is steel case with deft structure.protection grade is IP20.

Overhuing load

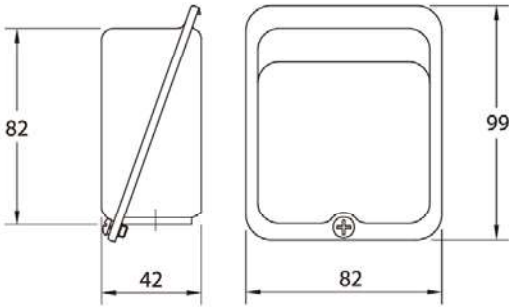
Unit:KG-CM

Ratio	Output R.P.M		1/8HP(100W)		1/4HP(200W)		1/2HP(400W)		1HP(750W)		2HP(1500W)		3HP(2200W)	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
3	500	600	30	25	30	25	54	45	60	50	145	130	165	150
5	300	360	36	30	36	30	78	70	85	75	165	150	210	180
10	150	180	70	60	70	60	150	130	180	150	280	250	430	360
15	100	120	110	90	110	100	175	160	165	160	355	348	490	450
20	75	90	150	125	135	125	190	170	175	170	369	365	540	500
25	60	72	155	140	150	140	210	180	185	180	450	430	650	630
30	50	60	160	150	170	165	235	220	415	400	480	450	690	650
40	38	45	160	160	180	180	270	260	430	420	580	550	710	670
45	33	40	170	170	180	180	335	328	440	430	590	570	820	780
50	30	36	170	170	180	180	350	335	450	440	600	580	850	820
60	25	30	180	180	180	180	350	350	450	450	630	610	900	900
70	21	25	180	180	180	180	350	350	460	460	670	650	1100	1100
80	18	22	180	180	180	180	350	350	460	460	680	680	1100	1100
90	16	20	180	180	180	180	350	350	500	500	850	850	1200	1200
100	15	18	200	200	250	250	380	380	590	590	900	900	1200	1200
120	12	15	200	200	320	320	390	390	640	640	920	920		
140	11	13	200	200	320	320	400	400	679	679	920	920		
150	10	12	220	220	330	300	420	420	679	679	920	920		
160	9	11	220	220	330	330	420	420	700	700	950	950		
180	8	10	240	240	350	350	430	430	720	720	980	980		
200	7	9	240	240	350	350	430	430	720	720				
1/250~1/1800			300	300	480	480	720	720	1400	1400				

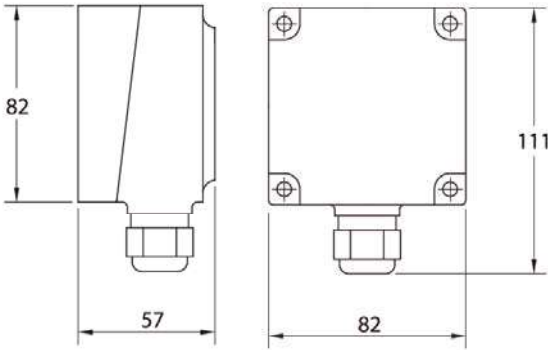
Capacitor for 1-phase motor,C-RUNNING TYPE

Output	Running Capacitor	Starting Capacitor	Running Capacitor+Starting Capacitor
100W, 1/8HP	6 μ F/450V	/	/
200W, 1/4HP	15 μ F/450V	/	/
400W, 1/2HP	/	/	15 μ F/450V+125 μ F/300V
750W, 1HP	/	/	25 μ F/450V+200 μ F/300V
1500W, 2HP	/	/	40 μ F/450V+250 μ F/300V

Dimension difference between two terminal boxes



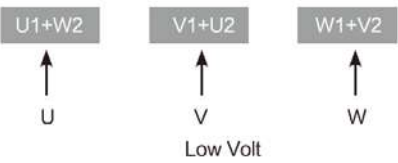
Steel Plate Terminal Box



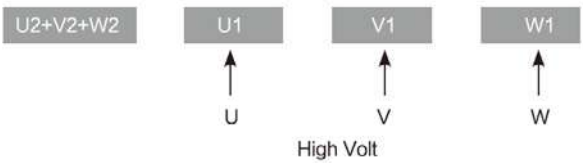
Alum Alloy Terminal Box

Wiring diagram

(1) For 3-phase motor

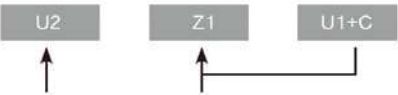


Low Volt

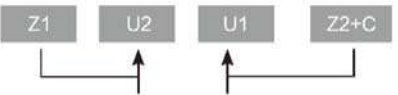


High Volt

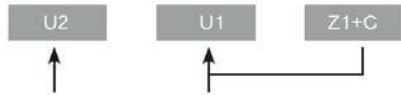
(2) For 1-phase motor



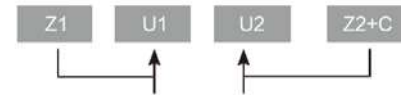
100W/200W/Counterclockwise Connection/CCW Connection



400W/750W/Counterclockwise Connection/CW Connection



100W/200W Clockwise Connection/CW Connection



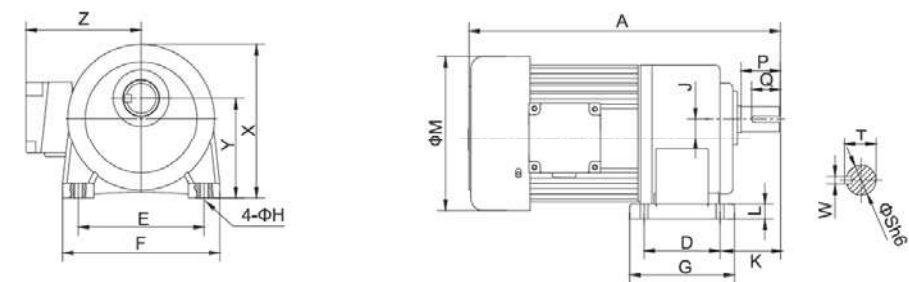
400W/750W Clockwise Connection/CW Connection



Output Torque

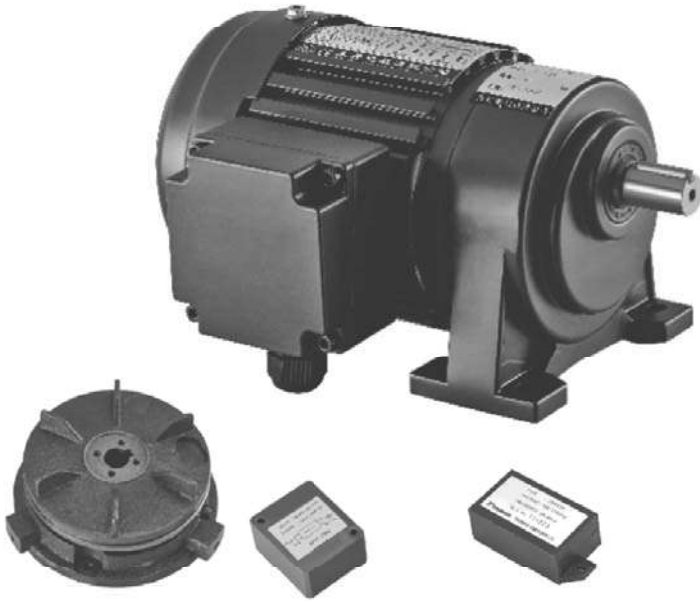
Unit:KG-CM

Ratio	Output R.P.M		Output Torque											
			0.1KW		0.2KW		0.4KW		0.75KW		1.5KW		2.2KW	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
3	500	600	1.9	1.6	3.7	3.1	7.2	0.60	13.5	11.3	27	22.5	40	33
5	300	360	3.1	2.6	6.2	5.2	12.4	10.3	23.3	19.4	46.5	38.8	68	57
10	150	180	6.2	5.2	12.4	10.3	24.8	20.7	46.5	38.8	93	77.5	136	114
15	100	120	9.1	7.6	18.2	15.2	36.4	30.3	68.3	56.9	137	114	200	167
20	75	90	12	10	24	20	48	40	90	75	180	150	264	220
25	60	72	14	12	28	23	56	47	105	88	210	175	308	257
30	50	60	18	15	36	30	72	60	135	113	270	225	396	330
40	37	45	22	18	44	37	88	73	165	138	330	275	484	403
45	33	40	27	23	54	45	108	90	203	169	405	338	594	495
50	30	36	28	25	56	47	112	93	210	175	420	350	616	513
60	25	30	34	28	68	57	136	113	255	213	510	425	748	623
70	21	25	43	36	86	72	172	143	323	269	645	538	946	788
80	19	23	48	40	96	80	192	160	360	300	720	600	1056	880
90	17	20	52	43	104	87	208	173	390	325	780	650	1144	953
100	15	18	58	48	116	97	232	193	435	363	870	725	1276	1063
120	12	15	69	58	138	115	276	230	518	431	1035	863		
140	11	13	80	67	160	133	320	267	600	500	1200	1000		
160	9	11	91	76	182	152	364	303	683	569	1365	1138		
180	8	10	103	86	206	172	412	343	773	644	1545	1288		
200	7	9	114	96	228	190	456	380	82.8	713				



OUTPUT SHAFT

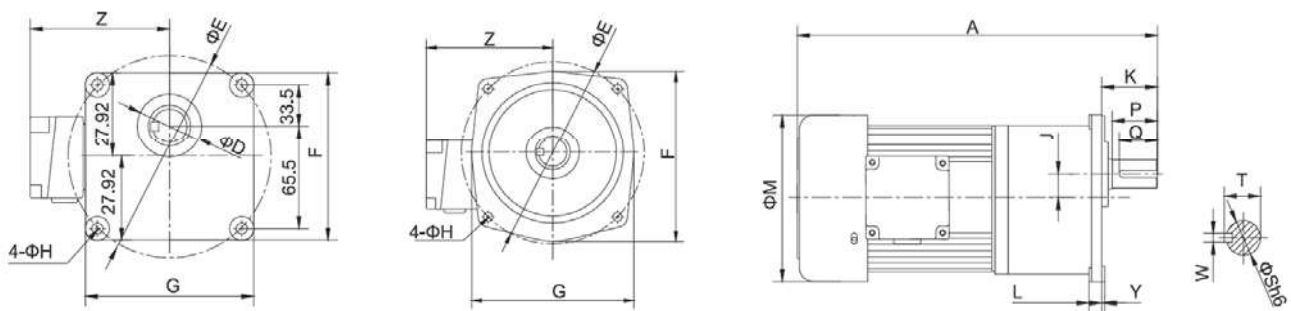
Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ18	30	5	20.2	27	5 x 5 x 27
Φ22	40	7	25	35	7 x 7 x 35
Φ28	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60



Single phase motor above 400W with electronic centrifugal switch

Power/RATIO/CODE/SIZE

Unit:mm																	
Power	Ratio	Code	Size	A	D	E	F	G	H	J	K	L	M	X	Y	Z	KG
100W 1/8HP	3-50	1#	Φ18	250	40	110	135	65	9	16	50	10	133	138	88.5	120	5.7
	60-200	2#	Φ22	280	65	130	158	90	11	17.5	60	13	133	152	97.5	120	7.5
200W 1/4HP	3-10	1#	Φ18	285	40	110	135	65	9	16	50	10	133	138	88.5	120	7.0
	15-90	2#	Φ22	315	65	130	158	90	11	17.5	60	13	133	152	97.5	120	8.8
	100-200	3#	Φ28	350	90	140	178	120	12	23	68	17	133	178	116	120	11.0
400W 1/2HP	3-10	2#	Φ22	330	65	130	158	90	11	17.5	60	13	167	152	97.5	135	11.2
	15-90	3#	Φ28	360	90	140	178	120	12	23	68	17	167	178	116	135	14.2
	100-200	4#	Φ32	395	130	170	210	165	13	30	70	23	167	212	140	135	27.0
750W 1HP	3-25	3#	Φ28	380	90	140	178	120	12	23	68	17	167	178	116	135	15.5
	30-120	4#	Φ32	410	130	170	210	165	13	30	70	23	167	212	140	135	27.7
	125-200	5#	Φ40	465	150	210	265	198	15	36	85	24	167	250	162	135	42.5
1500W 2HP	3-30	4#	Φ32	450	130	170	210	165	13	30	70	23	192	212	140	146	33.8
	40-100	5#	Φ40	510	150	210	265	198	15	36	85	24	192	250	162	146	50.0
	110-180	6#	Φ50	560	170	265	335	238	18	51	120	31.5	192	308	200	146	95.0
2200W 3HP	3-40	5#	Φ40	520	150	210	265	198	15	36	85	24	220	250	162	160	50.0
	45-100	6#	Φ50	580	170	265	335	238	18	51	120	31.5	220	308	200	160	92.5



B type flange

OUTPUT SHAFT

Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ18	30	5	20.2	27	5 x 5 x 27
Φ22	40	7	25	35	7 x 7 x 35
Φ28	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60
Φ50	80	14	54	75	14 x 9 x 75

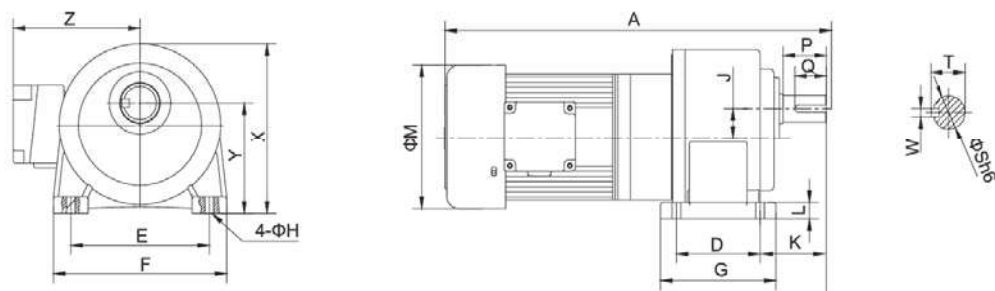


Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

Unit:mm																
Power	Ratio	Code	Size	A	D	E	F	G	H	J	K	L	M	Y	Z	KG
100W 1/8HP	3-50	1#	*Φ18	250	50	140	120	120	9	16	40	12	133	6	120	5.8
	60-200	2#	Φ22	280	148	185	175	165	11	17.5	48	12	133	3	120	7.5
200W 1/4HP	3-10	1#	*Φ18	285	50	140	120	120	9	16	40	12	133	6	120	7.0
	15-90	2#	Φ22	315	148	185	175	165	11	17.5	48	12	133	3	120	8.8
	100-200	3#	Φ28	350	170	220	205	195	12	23	58	13	133	3	120	11.0
400W 1/2HP	3-10	2#	Φ22	330	148	185	175	165	11	17.5	48	12	167	3	135	11.2
	15-90	3#	Φ28	360	170	220	205	195	12	23	58	13	167	3	135	14.2
	100-200	4#	Φ32	395	185	255	248	225	15	30	65	16	167	3	135	27.0
750W 1HP	3-25	3#	Φ28	380	170	220	205	195	12	23	58	13	167	3	135	15.5
	30-120	4#	Φ32	410	185	255	248	225	15	30	65	16	167	3	135	27.7
	125-200	5#	Φ40	465	230	310	291	272	15	36	85	21	167	5	135	42.5
1500W 2HP	3-30	4#	Φ32	450	185	255	248	225	15	30	65	16	192	3	146	33.8
	40-100	5#	Φ40	510	230	310	291	272	15	36	85	21	192	5	146	50.0
	110-180	6#	Φ50	560	280	390	369	341	18	51	92	25	192	5	146	95.0
2200W 3HP	3-40	5#	Φ40	520	230	310	291	272	15	36	85	21	220	5	160	50.0
	45-100	6#	Φ50	580	280	390	369	341	18	51	92	25	220	5	160	92.5

Belong to B type output flange



OUTPUT SHAFT

Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ28	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60
Φ50	80	14	54	75	14 x 9 x 75

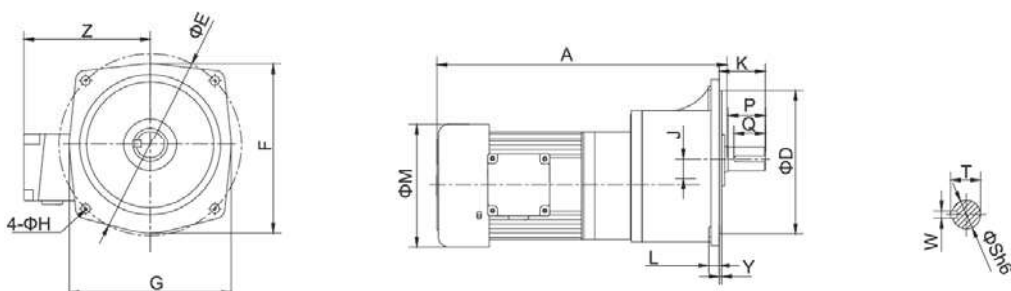


Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

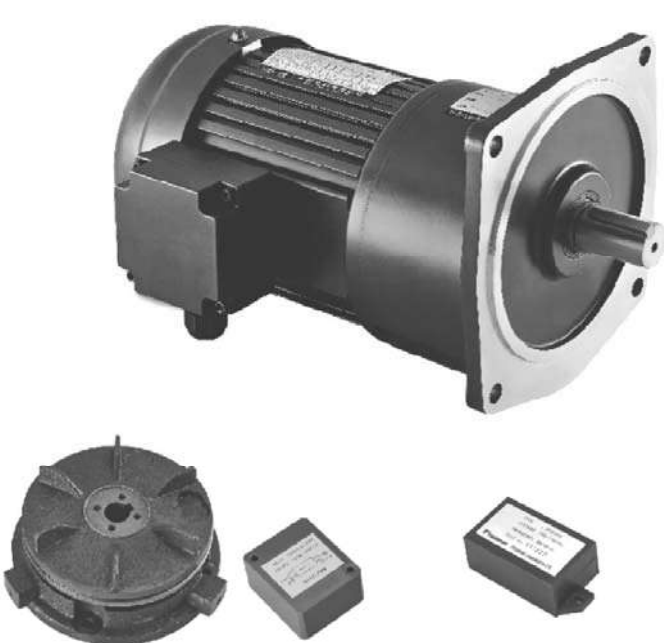
Unit:mm

Power	Ratio	Code	Size	A	D	E	F	G	H	J	K	L	M	X	Y	Z	KG
100W 1/8HP	250-1800	1#+3#	Φ28	370	90	140	178	120	12	39	68	17	133	178	116	120	11.8
200W 1/4HP	250-1800	2#+4#	Φ32	470	130	170	210	165	13	47.5	70	23	133	212	140	120	28.0
400W 1/2HP	250-1800	3#+5#	Φ40	550	150	210	265	198	15	59	85	24	167	250	162	135	46.0
750W 1HP	250-1800	3#+6#	Φ50	620	170	265	325	238	18	74	120	31.5	167	308	200	135	91.5



OUTPUT SHAFT

Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ28	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60
Φ50	80	14	54	75	14 x 9 x 75

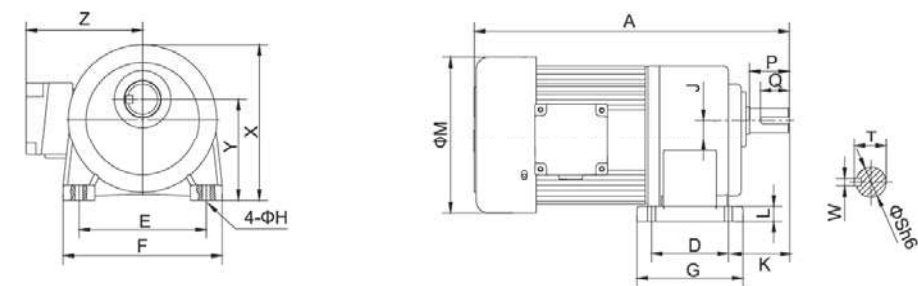


Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

Unit:mm

Power	Ratio	Code	Size	A	D	E	F	G	H	J	K	L	M	Y	Z	KG
100W 1/8HP	250-1800	1#+3#	Φ28	370	170	220	205	195	12	39	58	13	133	3	120	11.8
200W 1/4HP	250-1800	2#+4#	Φ32	470	185	255	248	225	15	47.5	65	16	133	3	120	28.0
400W 1/2HP	250-1800	3#+5#	Φ40	550	230	310	291	272	15	59	85	21	167	5	135	46.0
750W 1HP	250-1800	3#+6#	Φ50	620	280	390	369	341	18	74	92	25	167	5	135	91.5



OUTPUT SHAFT

Output Shaft					
Shaft	Keyway				Key
Sh6	P	W	T	Q	BxHxL
Φ18	30	5	20.0	27	5x5x27
Φ22	40	7	25	35	7x7x35
Φ28	45	7	31.1	40	7x7x40
Φ32	55	10	35.5	50	10x8x50
Φ40	65	10	43.5	60	10x8x60

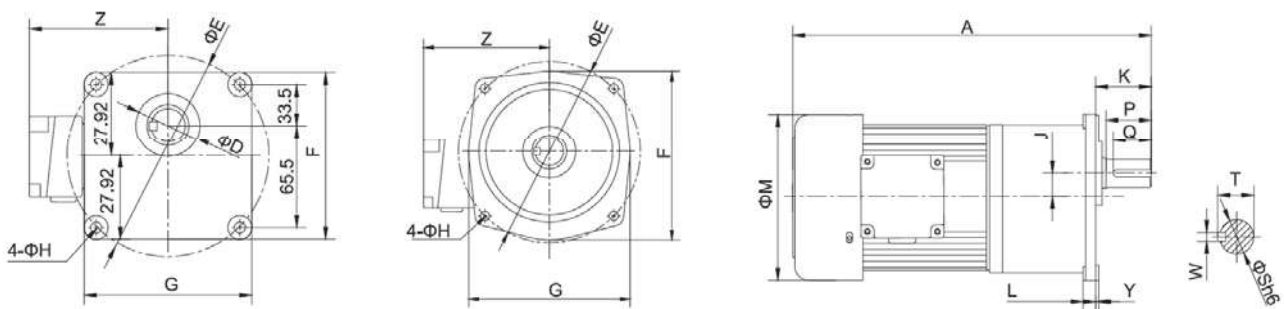


Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

Power	Ratio	Code	Size	A	A1	A2	D	E	F	G	H	J	K	L	M	X	Y	Z
100W 1/8HP	60-200	1#	Φ18	250	250	250	40	110	135	65	9	16	50	10	133	138	88.5	120
200W 1/4HP	15-90	1#	Φ18	285	285	285	40	110	135	65	9	16	50	10	133	138	88.5	120
	100-200	2#	Φ22	315	315	315	65	130	158	90	11	17.5	60	13	133	152	97.5	120
400W 1/2HP	15-90	2#	Φ22	330	330	330	65	130	158	90	11	17.5	60	13	167	152	97.5	135
	100-200	3#	Φ28	360	360	360	90	140	178	120	12	23	68	17	167	178	116	135
750W 1HP	3-25	2#	Φ22	350	350	350	65	130	158	90	11	17.5	60	13	167	152	97.5	135
	30-120	3#	Φ28	380	380	380	90	140	178	120	12	23	68	17	167	178	116	135
	125-200	4#	Φ32	410	410	410	130	170	210	165	13	30	70	23	167	212	140	135
1500W 2HP	3-30	3#	Φ28	420	420	420	90	140	178	120	12	23	68	17	192	178	116	146
	40-100	4#	Φ32	450	450	450	130	170	210	165	13	30	70	23	192	212	140	146
	110-180	5#	Φ40	510	510	510	150	210	265	198	15	36	85	24	192	250	162	146
2200W 3HP	45-80	5#	Φ40	520	520	520	150	210	265	198	15	36	85	24	220	250	162	160

Unit:mm



B type flange

OUTPUT SHAFT

Output Shaft					
Shaft	Keyway				Key
Sh6	P	W	T	Q	BxHxL
Φ18	30	5	20.2	27	5x5x27
Φ22	40	7	25	35	7x7x35
Φ28	45	7	31.1	40	4x4x40
Φ32	55	10	35.5	50	10x8x50
Φ40	65	10	43.5	60	10x8x60



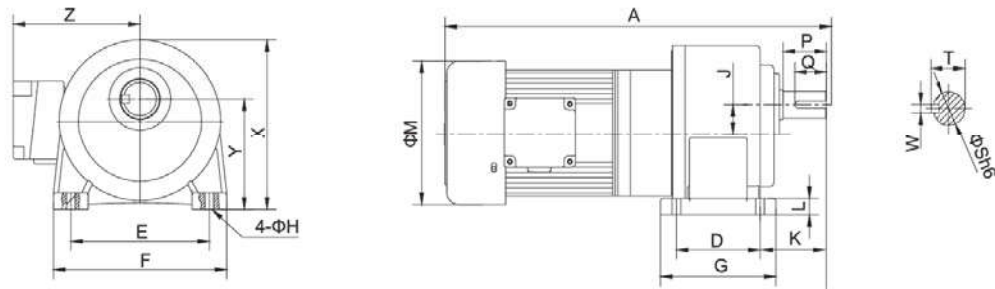
Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

Power	Ratio	Code	Size	A	A1	A2	D	E	F	G	H	J	K	L	M	Y	Z
100W 1/8HP	60-200	1#	*Φ18	250	250	250	50	140	120	120	9	16	40	12	133	6	120
200W 1/4HP	15-90	1#	*Φ18	285	285	285	50	140	120	120	9	16	40	12	133	6	120
	100-200	2#	Φ22	315	315	315	148	185	175	165	11	17.5	48	12	133	3	120
400W 1/2HP	15-90	2#	Φ22	330	320	330	148	185	175	165	11	17.5	48	12	167	3	135
	100-200	3#	Φ28	360	360	360	170	220	205	195	12	23	58	13	167	3	135
750W 1HP	3-25	2#	Φ22	350	350	350	148	185	175	165	11	17.5	48	12	167	3	135
	30-120	3#	Φ28	380	380	380	170	220	205	195	12	23	58	13	167	3	135
	125-200	4#	Φ32	410	410	410	185	255	248	225	15	30	65	16	167	3	135
1500W 2HP	3-30	3#	Φ28	420	420	420	170	220	205	195	12	23	58	13	192	3	146
	40-100	4#	Φ32	450	450	450	185	255	248	225	15	30	65	16	192	3	146
	110-180	5#	Φ40	510	510	510	230	310	291	272	15	36	85	21	192	5	146
2200W 3HP	45-80	5#	Φ40	520	520	520	230	310	291	272	15	36	85	21	220	5	160

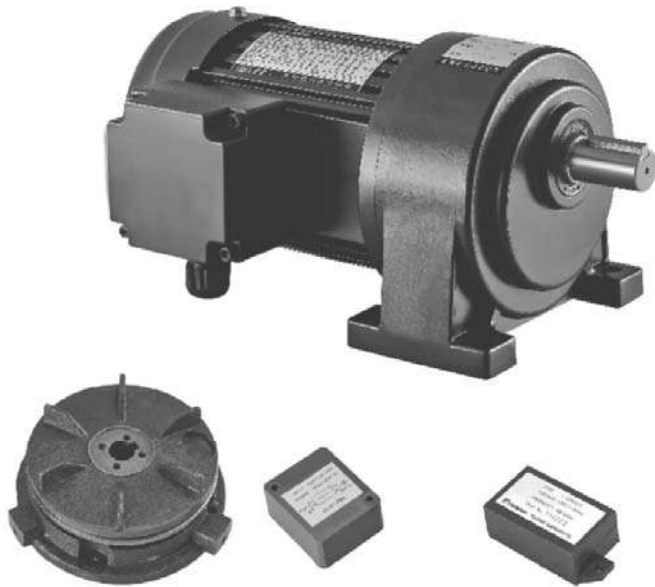
Unit:mm

Belong to B type output flange



OUTPUT SHAFT

Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ22	40	7	25	35	7 x 7 x 35
Φ38	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60

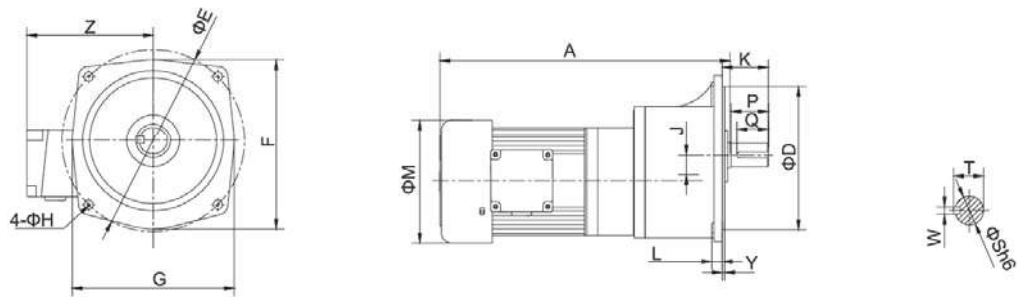


Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

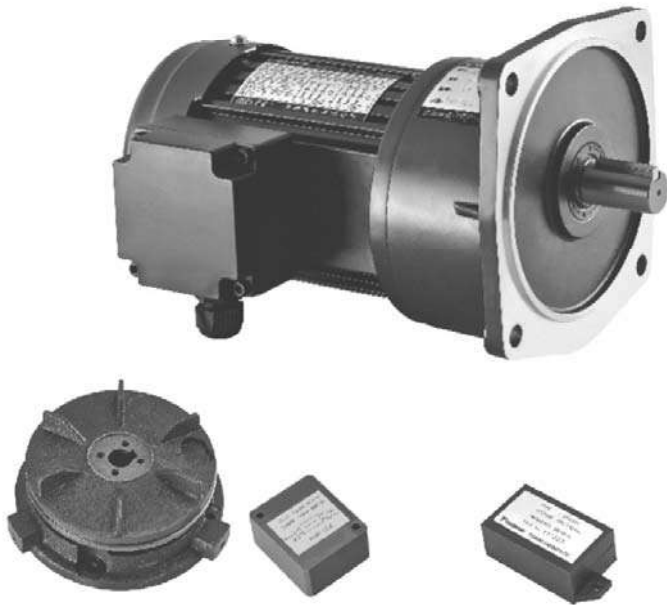
Unit:mm

Power	Ratio	Code	Size	A	D	E	F	G	H	J	K	L	M	X	Y	Z
100W 1/8HP	250-1800	1#+2#	Φ22	345	65	130	158	90	11	33.5	60	13	133	152	97.5	120
200W 1/4HP	250-1800	1#+3#	Φ28	410	90	140	178	120	12	39	68	17	133	178	116	120
400W 1/2HP	250-1800	2#+4#	Φ32	480	130	170	210	165	13	47.5	70	23	167	212	140	135
750W 1HP	250-1800	3#+5#	Φ40	570	150	210	265	198	15	59	85	24	167	250	162	135



OUTPUT SHAFT

Output Shaft					
Shaft		Keyway			Key
Sh6	P	W	T	Q	B x H x L
Φ22	40	7	25	35	7 x 7 x 35
Φ28	45	7	31.1	40	7 x 7 x 40
Φ32	55	10	35.5	50	10 x 8 x 50
Φ40	65	10	43.5	60	10 x 8 x 60



Single phase motor above 400W with electronic centrifugal switch

RATIO/CODE/SIZE

Unit:mm

Power	Ratio	Code	Size	A	A1	D	E	F	G	H	J	K	L	M	Y	Z
100W 1/8HP	250-1800	1#2#	Φ22	345	345	148	185	175	165	11	33.5	50	12	133	3	120
200W 1/4HP	250-1800	1#+3#	Φ28	410	410	170	220	205	195	12	39	58	13	133	3	120
400W 1/2HP	250-1800	2#+4#	Φ32	480	480	185	255	248	225	15	47.5	65	16	167	3	135
750W 1HP	250-1800	3#+5#	Φ40	570	570	230	310	291	272	15	59	85	21	167	5	135