

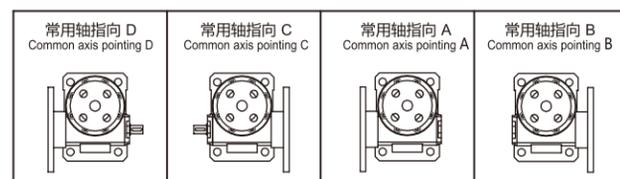
**DNDM 5T - 6 - 1 - A - II - 100 - FZ - C - 71B5 + 电机型号 / Motor model**

1 2 3 4 5 6 7 8 9 10 11

1. NDM：系列号，DNDM系列-蜗轮+T型丝杆升降机，带IEC接口；DNDB系列-蜗轮+T型丝杆升降机，带IEC接口；
2. 5T：型号，以升降机的静载能力作为型号；主要有：1T，2.5T，5T，10T，15T，20T，30T，50T，75T，100T；
3. 6：升降速率比；
4. 1：结构型号；1型：螺母作旋转运动、丝杆作轴向运动（本页展示的产品均为I型）；2型：丝杆作旋转运动、螺母作轴向运动；
5. A：装配型式；A型：丝杆（或螺母）向上（安装面）移动；B型：丝杆（或螺母）向下（安装面）移动；
6. T：丝杆头部型式：1型丝杆头部分为I型（圆柱型）、II型（法兰型）、III型（螺纹型）、IV型（扁头型）四种；  
2型丝杆头部分为I型（圆柱型）、III型（螺纹型）；
7. 100：升降行程；客户自定义；
8. FZ：丝杆的防旋和防护；  
1型结构有基本型、防旋型（F-键防旋，方管防旋（尺寸参数和我司技术人员确认））和带防护罩型（Z钢管防护-被动侧，X伸缩管防护-主动侧，Q两种都有）；  
2型结构有基本型和带防护罩型（X伸缩管防护-主动侧）；
9. C：轴指向A；B；C；D；
10. 71B5：IEC 输入接盘型号；
11. 电机型号：需要我司配电机时填写，电机型号参数；

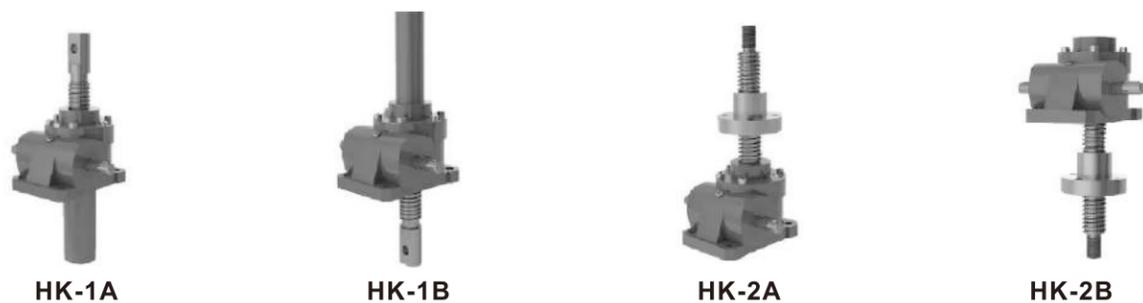
1. NDM: serial number, DNDM series - worm gear + T type screw lift with IEC interface; DNDB series - worm gear + T type screw lift with IEC interface;
2. 5T: model, with the static load capacity of the lift as the model; mainly: 1T, 2.5T, 5T, 10T, 15T, 20T, 30T, 50T, 75T, 100T;
3. 6: elevator speed ratio;
4. 1: Structural model; Type 1: nut for rotary motion, screw for axial movement (products shown on this page are type I);  
type 2: screw for rotary motion, nut for axial movement;
5. A: assembly type; type A: the screw (or nut) moves up (mounting surface); type B: the screw (or nut) moves down (mounting surface);
6. T: screw head type: 1 type screw head is divided into I type (cylindrical type), type II (flange type), type III (thread type), type IV (flat head type);  
2 type screw head is divided into I type (cylindrical type) and type III (thread type);
7. 100: lifting stroke; customer customization;
8. FZ: anti-rotation and protection of the screw;  
Type 1 structure has basic type, anti-rotation type (F-key anti-rotation, square tube anti-rotation (size parameter)And our technical staff confirmed)) and with protective cover type (Z steel pipe protection - passive side,X telescopic tube protection - active side, Q both);  
Type 2 structure has basic type and protective cover type (X telescopic tube protection - active side);
10. 71B5: IEC input patch model;
11. Motor model: need to fill in the motor when we are equipped with the motor model parameters;

**轴指向 Shaft Direction**



**HK蜗轮丝杆升降机系列**  
HK Worm gear screw lifter series





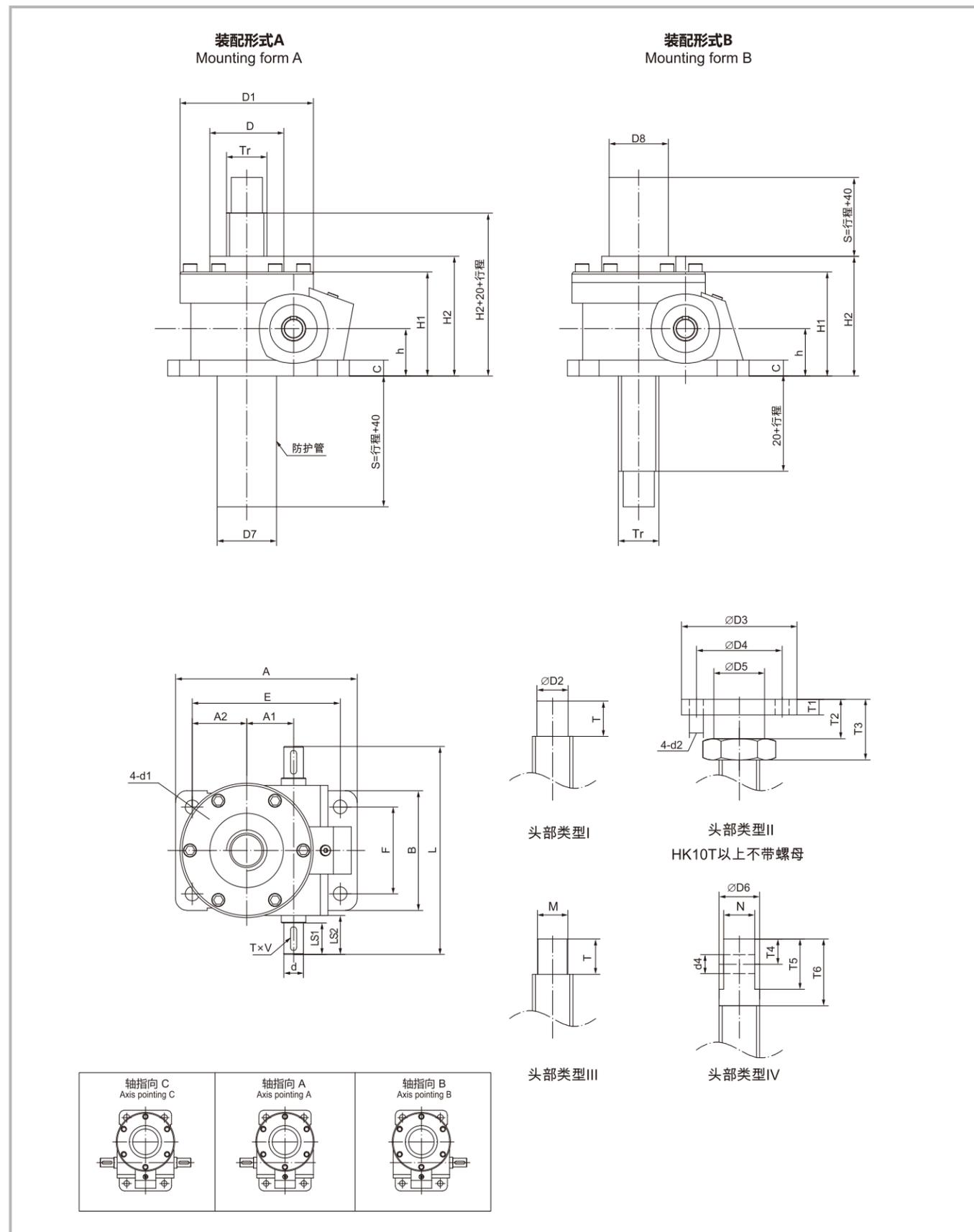
示例Example :

**HK 5T - 6 - 1 - A - II - 100 - FZ - C**  
 1 2 3 4 5 6 7 8 9

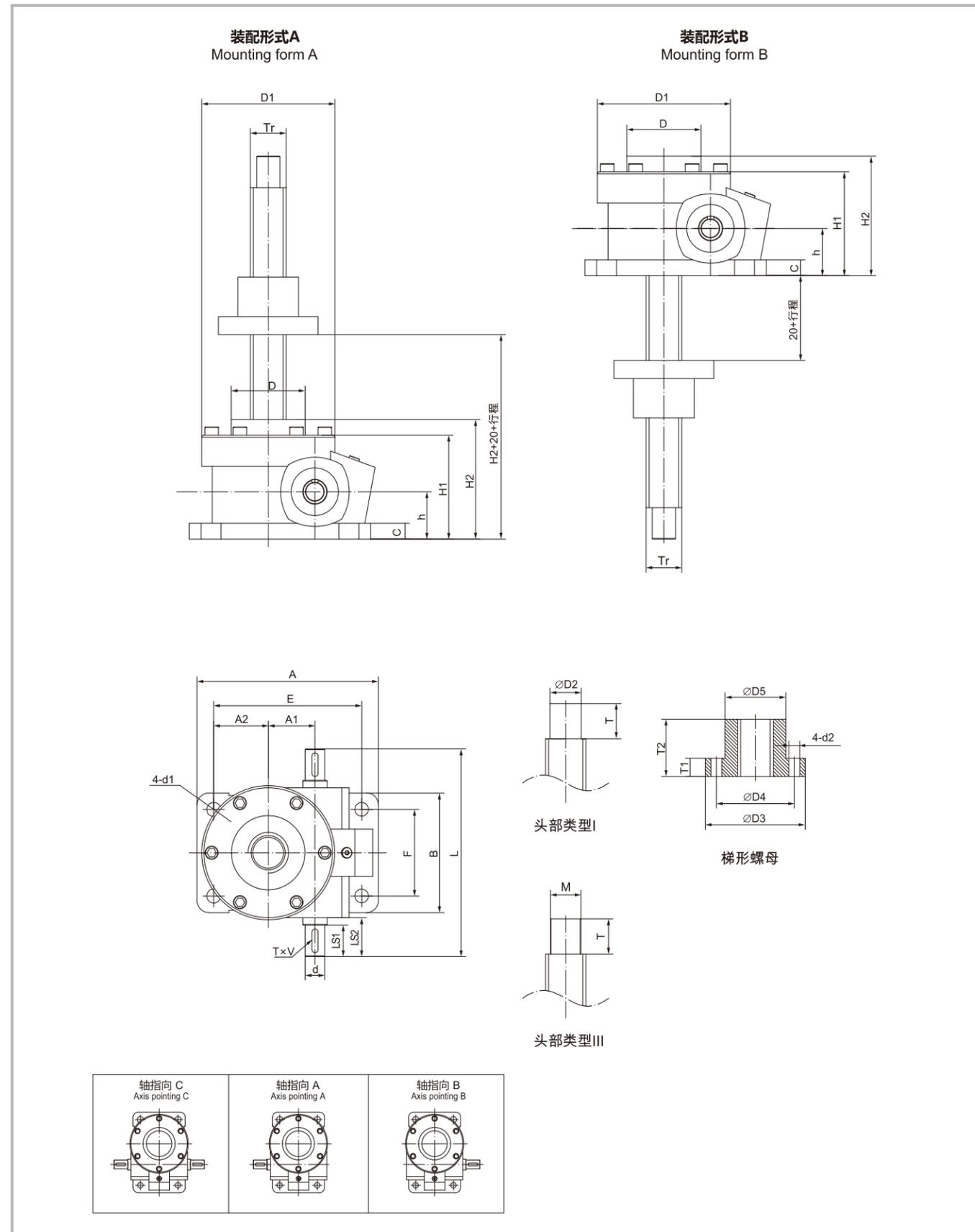
- HK : 系列号, HK系列-蜗轮+T型丝杆升降机;
  - 5T : 型号, 以升降机的静载能力作为型号; 主要有: 2T, 3T, 5T, 10T, 15T, 20T, 30T, 40T, 50T, 100T;
  - 6 : 升降机速比;
  - 1 : 结构型号; 1型: 螺母作旋转运动、丝杆作轴向运动 (本页展示的产品均为I型); 2型: 丝杆作旋转运动、螺母作轴向运动;
  - A : 装配型式; A型: 丝杆 (或螺母) 向上 (安装面) 移动; B型: 丝杆 (或螺母) 向下 (安装面) 移动;
  - T : 丝杆头部型式: 1型丝杆头部分为I型 (圆柱型)、II型 (法兰型)、III型 (螺纹型)、IV型 (扁头型) 四种;  
2型丝杆头部分为I型 (圆柱型)、III型 (螺纹型);
  - 100 : 升降行程; 客户自定义;
  - FZ : 丝杆的防旋和防护;  
1型结构有基本型、防旋转型 (F-键防旋) 和带防护罩型 (Z钢管防护-被动侧, X伸缩管防护-主动侧, Q两种都有);  
2型结构有基本型和带防护罩型 (X伸缩管防护-主动侧);
  - C : 轴指向A; B; C;
- HK: serial number, HK series - worm gear + T type screw lift;
  - 5T: model, with the static load capacity of the lift as the model; mainly: 2T, 3T, 5T, 10T, 15T, 20T, 30T, 40T, 50T, 100T;
  - 6: elevator speed ratio;
  - 1: Structural model; Type 1: nut for rotary motion, screw for axial movement (products shown on this page are type I);  
Type 2: screw for rotary motion, nut for axial movement;
  - A: assembly type; type A: the screw (or nut) moves up (mounting surface); type B: the screw (or nut) moves down (mounting surface);
  - T: screw head type: 1 type screw head is divided into I type (cylindrical type), type II (flange type), type III (thread type), type IV (flat head type);  
2 type screw head is divided into I type (cylindrical type) and type III (thread type);
  - 100: lifting stroke; customer customization;
  - FZ: anti-rotation and protection of the screw;  
Type 1 structure has basic type, anti-rotation type (F-key anti-rotation) and protective cover type (Z steel pipe protection - passive side, X telescopic tube protection - active side, Q both);  
Type 2 structure has basic type and protective cover type (X telescopic tube protection - active side);
  - C: the axis points to A; B; C;

HK初选表 / HK primary selection form

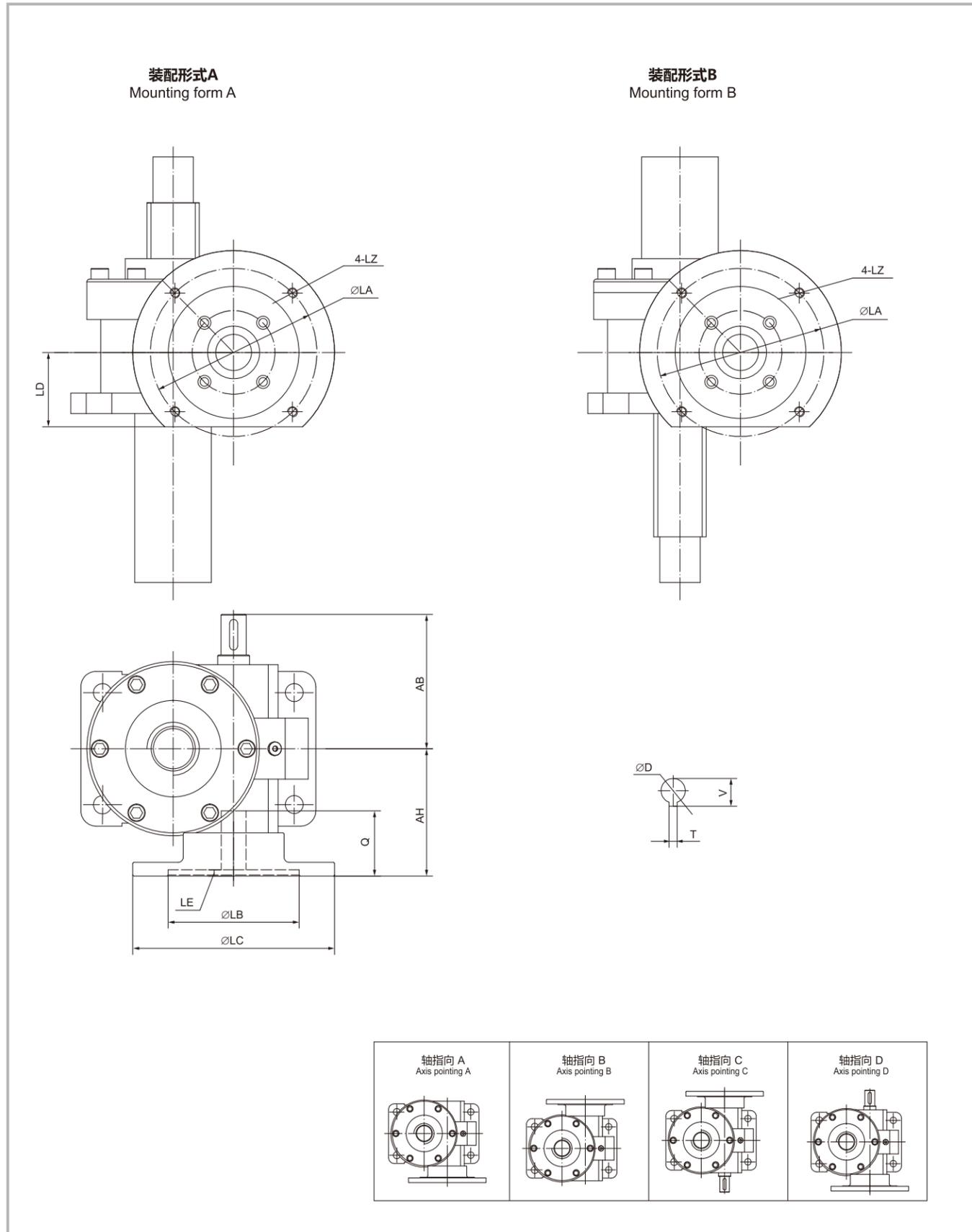
型号Model	单位unit	HK2T	HK3T	HK5T	HK10T	HK15T	HK20T	HK30T	HK40T	HK50T	HK100T
类别Category											
最大起升力 Maximum lifting force	KN	20	30	50	100	150	200	300	400	500	1000
最大拉伸力 Maximum tensile force	KN	20	30	50	100	150	200	300	400	500	1000
丝杆参数 Screw parameter		Tr26×5	Tr32×6	Tr38×6	Tr46×8	Tr52×8	Tr65×10	Tr75×12	Tr80×12	Tr90×14	Tr100×16
速比I Speed ratio I		5	6	6	8	8	10	12	12	7	8
对应蜗杆每转丝杆提升量 Corresponding to the lifting amount of the screw per worm	mm	1	1	1	1	1	1	1	1	2	2
对应升降效率 Corresponding lifting efficiency	%	21	21	19	18	19	15	15	14	12	12
速比II II Speed ratio II		10	12	12	16	16	20	18	18	14	16
对应蜗杆每转丝杆提升量 Corresponding to the lifting amount of the screw per worm	mm	0.5	0.5	0.5	0.5	0.5	0.5	0.66	0.66	1	1
对应升降效率 Corresponding lifting efficiency	%	18	18	18	17	18	15	14	13	12	11
速比III Speed ratio III		20	24	24	32	32	40	36	36	28	32
对应蜗杆每转丝杆提升量 Corresponding to the lifting amount of the screw per worm	mm	0.25	0.25	0.25	0.25	0.25	0.25	0.33	0.33	0.5	0.25
对应升降效率 Corresponding lifting efficiency	%	11	17	17	16	17	11	13	12	10	9
外壳材料 Housing material		球磨 Ball milling									



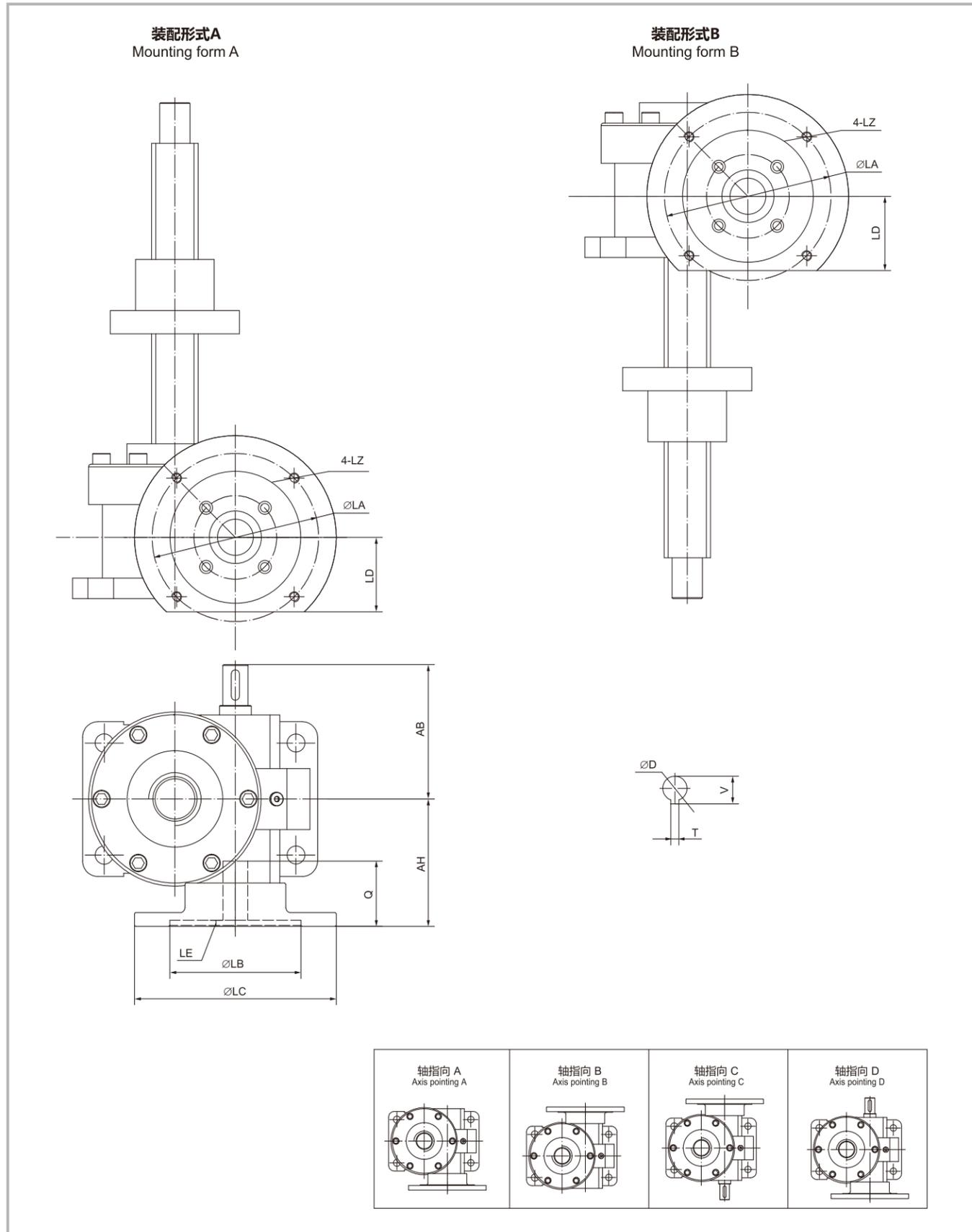
尺寸类型 Size type	型号 Model	HK2T	HK3T	HK5T	HK10T	HK15T	HK20T	HK30T	HK40T	HK50T	HK100T
基本安装尺寸 Basic installation dimensions	A	135	156	173	233	233	255	310	355	415	455
	B	90	110	122	142	152	183	230	260	300	320
	E	111	125	140	190	190	210	260	305	355	385
	F	66	80	90	100	110	140	190	210	240	250
	C	16	18	19	20	20	25	30	30	35	35
	h	40	50	50	60	60	70	85	100	120	125
	H1	86	100	105	132	132	147	176	200	255	/
	H2	110	130	129	152	152	167	204	225	315	345
	d1	12	12	14	18	18	18	22	22	22	27
	A1	35	40	50	60	60	70	100	120	130	150
	A2	38	42	45	70	70	75	85	105	130	135
	D	50	60	70	90	95	110	130	130	140	160
	D1	92	116	120	155	159	190	228	260	270	/
	输入尺寸 Input size	L	170	220	220	256	264	316	390	420	480
Ls1		30	40	40	40	40	50	65	65	70	95
Ls2		36	46	46	45.5	49.5	58	90	86	75	/
d		15	18	18	25	25	28	32	35	45	50
T×V		5×25	6×30	6×30	8×30	8×30	8×40	10×56	10×60	14×65	14×90
丝杆 Screw shaft	Tr	Tr26×5	Tr32×6	Tr38×6	Tr46×8	Tr52×8	Tr65×10	Tr75×12	Tr80×12	Tr90×14	Tr100×16
I 型	D2	16	20	25	30	40	50	60	60	70	80
	T	28	32	35	40	45	55	65	70	75	100
II 型	D3	88	98	114	138	148	178	188	218	248	358
	D4	70	80	90	100	110	125	140	170	200	280
	D5	40	40	50	55	65	80	90	90	160	/
	d2	10	10	12	14	18	21	21	25	27	27
	T1	10	13	13	16	20	25	25	30	32	35
	T2	26	30	30	35	50	50	70	80	90	120
	T3	35	40	44	49	/	/	/	/	/	/
III 型	M	M16×1.5	M22×1.5	M30×1.5	M33×1.5	M39×1.5	M45×1.5	M60×2	M64×2	M76×2	M90×2
IV 型	D6	26	32	38	46	52	65	75	80	90	100
	d4	12	14	16	20	24	26	35	38	45	55
	N	16	20	25	32	36	44	56	60	70	80
	T4	20	25	25	32	32	35	44	54	64	70
	T5	40	50	50	64	64	70	88	108	128	140
	T6	55	65	65	85	85	100	120	140	160	170
	D7	47	47	60	76	76	76	114	114	114	140
防护 Protection	D8	42	47	47	76	76	76	114	114	114	140
	S	行程+40									



尺寸类型 Size type	型号 Model	HK2T	HK3T	HK5T	HK10T	HK15T	HK20T	HK30T	HK40T	HK50T	HK100T
基本安装尺寸 Basic installation dimensions	A	135	156	173	233	233	255	310	355	415	455
	B	90	110	122	142	152	183	230	260	300	320
	E	111	125	140	190	190	210	260	305	355	385
	F	66	80	90	100	110	140	190	210	240	250
	C	16	18	19	20	20	25	30	30	35	35
	h	40	50	50	60	60	70	85	100	120	125
	H1	86	100	105	132	132	147	176	200	255	/
	H2	110	130	129	152	152	167	204	225	315	345
	d1	12	12	14	18	18	18	22	22	22	27
	A1	35	40	50	60	60	70	100	120	130	150
	A2	38	42	45	70	70	75	85	105	130	135
	D	50	60	70	90	95	110	130	130	140	160
	D1	92	116	120	155	159	190	228	260	270	/
输入尺寸 Input size	L	170	220	220	256	264	316	390	420	480	550
	Ls1	30	40	40	40	40	50	65	65	70	95
	Ls2	36	46	46	45.5	49.5	58	90	86	75	/
	d	15	18	18	25	25	28	32	35	45	50
	T×V	5×25	6×30	6×30	8×30	8×30	8×40	10×56	10×60	14×65	14×90
丝杆 Screw shaft	Tr	Tr26×5	Tr32×6	Tr38×6	Tr46×8	Tr52×8	Tr65×10	Tr75×12	Tr80×12	Tr90×14	Tr100×16
I型	D2	16	20	25	30	40	50	60	60	70	80
	T	28	32	35	40	45	55	65	70	75	100
III型	M	M16×1.5	M22×1.5	M30×1.5	M33×1.5	M39×1.5	M45×1.5	M60×2	M64×2	M76×2	M90×2
梯形螺母 Flange nut	D3	78	93	108	128	138	158	220	250	260	280
	D4	60	75	85	100	110	125	160	190	200	210
	D5	40	53	58	78	78	88	114	130	140	150
	T1	13	13	18	23	23	28	45	50	55	60
	T2	43	48	58	73	73	95	140	150	190	190
	d2	9	9	11.5	14	14	18	27	27	27	27



型号 Model	法兰规格 Flange specification	AB	AH	LA	LB	LC	LE	LZ	LD	Q	D	T×V
HK2T	71B5	85	76	130	110	160	4	M8	58	34	14	5×16.3
HK3T	71B5	110	91	130	110	160	4	M8	55	34	14	5×16.3
HK3T	80B5	110	98	165	130	200	4	M10	全圆	43	19	6×21.8
HK5T	80B5	110	105	165	130	200	4	M10	73	43	19	6×21.8
HK10T	90B5	128	125	165	130	200	4	M10	73	52	24	8×27.3
HK15T	90B5	132	125	165	130	200	4	M10	全圆	52	24	8×27.3
HK20T	90B5	158	142.5	165	130	200	4	M10	全圆	52	24	8×27.3
HK30T	100/112B5	195	154.5	215	180	250	5	M12	95	63	28	8×31.3
HK2T	71B14	85	76	85	70	105	4	∅7	全圆	34	14	5×16.3
HK3T	71B14	110	91	85	70	105	4	∅7	全圆	34	14	5×16.3
HK3T	80B14	110	98	100	80	120	4	∅7	全圆	43	19	6×21.8
HK5T	80B14	110	105	100	80	120	4	∅7	全圆	43	19	6×21.8
HK10T	90B14	128	125	115	95	140	4	∅9	全圆	52	24	8×27.3
HK15T	90B14	132	125	115	95	140	4	∅9	全圆	52	24	8×27.3
HK20T	90B14	158	142.5	115	95	140	4	∅9	全圆	52	24	8×27.3
HK30T	100/112B14	195	154.5	130	110	160	5	∅9	全圆	63	28	8×31.3



型号 Model	法兰规格 Flange specification	AB	AH	LA	LB	LC	LE	LZ	LD	Q	D	T×V
HK2T	71B5	85	76	130	110	160	4	M8	58	34	14	5×16.3
HK3T	71B5	110	91	130	110	160	4	M8	55	34	14	5×16.3
HK3T	80B5	110	98	165	130	200	4	M10	全圆	43	19	6×21.8
HK5T	80B5	110	105	165	130	200	4	M10	73	43	19	6×21.8
HK10T	90B5	128	125	165	130	200	4	M10	73	52	24	8×27.3
HK15T	90B5	132	125	165	130	200	4	M10	全圆	52	24	8×27.3
HK20T	90B5	158	142.5	165	130	200	4	M10	全圆	52	24	8×27.3
HK30T	100/112B5	195	154.5	215	180	250	5	M12	95	63	28	8×31.3
HK2T	71B14	85	76	85	70	105	4	$\varnothing 7$	全圆	34	14	5×16.3
HK3T	71B14	110	91	85	70	105	4	$\varnothing 7$	全圆	34	14	5×16.3
HK3T	80B14	110	98	100	80	120	4	$\varnothing 7$	全圆	43	19	6×21.8
HK5T	80B14	110	105	100	80	120	4	$\varnothing 7$	全圆	43	19	6×21.8
HK10T	90B14	128	125	115	95	140	4	$\varnothing 9$	全圆	52	24	8×27.3
HK15T	90B14	132	125	115	95	140	4	$\varnothing 9$	全圆	52	24	8×27.3
HK20T	90B14	158	142.5	115	95	140	4	$\varnothing 9$	全圆	52	24	8×27.3
HK30T	100/112B14	195	154.5	130	110	160	5	$\varnothing 9$	全圆	63	28	8×31.3

型号规格 Size type	传动比 Size type	入力轴转速1800r/min			入力轴转速1500r/min			入力轴转速1200r/min			入力轴转速900r/min			入力轴转速600r/min			入力轴转速300r/min		
		入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)	入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)	入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)	入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)	入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)	入功率 (Kw)	升起力 (Kg)	升起速度 (m/min)
HK2T Tr26×5	5	0.69	500	1.8	0.64	550	1.5	0.65	700	1.2	0.63	900	0.9	0.46	1000	0.6	0.37	1000	0.3
	10	0.37	500	0.9	0.37	550	0.75	0.37	700	0.6	0.37	950	0.45	0.37	1000	0.3	0.19	1350	0.15
	20	0.37	600	0.45	0.37	700	0.38	0.37	900	0.3	0.37	1200	0.23	0.19	1350	0.15	0.19	1350	0.08
HK3T Tr32×6	6	0.98	700	1.8	0.93	800	1.5	0.88	950	1.2	0.91	1300	0.9	0.84	1800	0.6	0.42	1800	0.3
	12	0.66	950	0.9	0.64	1100	0.75	0.61	1300	0.6	0.57	1650	0.45	0.46	2000	0.3	0.37	2000	0.15
	24	0.37	950	0.45	0.37	1100	0.38	0.37	1300	0.3	0.37	1650	0.23	0.37	2000	0.15	0.19	2000	0.08
HK5T Tr38×6	6	1.39	900	1.8	1.28	1000	1.5	1.24	1200	1.2	1.16	1500	0.9	0.87	1700	0.6	0.54	2100	0.3
	12	1.1	1350	0.9	1.01	1500	0.75	0.98	1800	0.6	0.87	2150	0.45	0.58	2150	0.3	0.37	2500	0.15
	24	0.78	1800	0.45	0.72	2000	0.38	0.69	2400	0.3	0.55	2550	0.23	0.42	2900	0.15	0.37	2850	0.08
HK10T Tr46×8	8	2.12	1300	1.8	1.97	1450	1.5	1.85	1700	1.2	1.72	2100	0.9	1.66	3050	0.6	1.31	4800	0.3
	16	1.12	1300	0.9	1.04	1450	0.75	0.98	1700	0.6	0.95	2200	0.45	0.87	3050	0.3	0.69	4800	0.15
	32	0.8	1750	0.45	0.75	1950	0.38	0.69	2250	0.3	0.64	2800	0.23	0.63	4100	0.15	0.48	6400	0.08
HK15T Tr52×8	8	2	1300	1.8	1.86	1450	1.5	1.75	1700	1.2	1.62	2100	0.9	1.57	3050	0.6	1.24	4800	0.3
	16	1.06	1300	0.9	0.98	1450	0.75	0.93	1700	0.6	0.89	2200	0.45	0.83	3050	0.3	0.65	4800	0.15
	32	0.75	1750	0.45	0.7	1950	0.38	0.65	2250	0.3	0.61	2800	0.23	0.59	4100	0.15	0.46	6400	0.08
HK20T Tr65×10	10	2.66	1400	1.8	2.42	1850	1.5	2.25	1950	1.2	2.12	2450	0.9	1.93	3350	0.6	1.41	4900	0.3
	20	1.42	1600	0.9	1.47	1850	0.75	1.37	2250	0.6	1.28	2800	0.45	1.18	3850	0.3	0.86	5600	0.15
	40	1.14	2400	0.45	1.17	2800	0.38	1.09	3350	0.3	1.07	4400	0.23	0.93	5750	0.15	0.69	8400	0.08
HK30T Tr75×12	12	3.62	1850	1.8	3.51	2150	1.5	3.39	2600	1.2	3.18	3250	0.9	2.94	4500	0.6	2.09	6400	0.3
	18	2.65	1900	1.2	2.68	2300	1	2.57	2750	0.8	2.45	3500	0.6	2.19	4700	0.4	1.56	6700	0.2
	36	1.66	2200	0.6	1.63	2600	0.5	1.6	3200	0.4	1.47	3900	0.3	1.36	5400	0.2	1.2	9600	0.1
HK40T Tr80×12	12	4.15	1975	1.8	4.02	2300	1.5	3.81	2725	1.2	3.8	3625	0.9	3.48	4975	0.6	2.48	7050	0.3
	18	3.2	2125	1.2	3.2	2550	1	3.04	3025	0.8	3.03	4025	0.6	2.74	5450	0.4	1.94	7725	0.2
	36	2.14	2625	0.6	2.07	3050	0.5	1.98	3650	0.4	1.99	4875	0.3	1.8	6600	0.2	1.4	10300	0.1
HK50T Tr90×14	7	9.47	2100	3.6	9.17	2450	3	9.02	2850	2.4	8.58	4000	1.8	8.2	5450	1.2	5.84	7750	0.6
	14	5.76	2350	1.8	5.71	2800	1.5	5.57	3300	1.2	5.39	4550	0.9	5.06	6200	0.6	3.57	8750	0.3
	28	4.07	3050	0.9	3.89	3500	0.75	3.91	4100	0.6	3.65	5850	0.45	3.48	7800	0.3	2.45	11000	0.15
HK100T Tr100×16	8	16.3	3500	3.6	16.1	4000	3	15.8	5400	2.4	15.1	7100	1.8	14.8	9850	1.2	9.7	12950	0.6
	16	11.7	4300	1.8	11.6	5400	1.5	10.5	7200	1.2	11	9450	0.9	9.62	11800	0.6	7.08	17350	0.3
	32	8.65	5500	0.9	9.55	6800	0.75	7.35	10000	0.6	7.53	14200	0.45	7.02	15750	0.3	5.8	26050	0.15

**DHK 5T - 6 - 1 - A - II - 100 - FZ - C - 71B5 + 电机型号 / Motor model**  
 1 2 3 4 5 6 7 8 9 10 11

- DHK : 系列号, DHK系列-蜗轮+T型丝杆升降机, 带IEC电机接口型;
  - 5T : 型号, 以升降机的静载能力作为型号; 主要有: 2T, 3T, 5T, 10T, 15T, 20T, 30T, 40T, 50T, 100T;
  - 6 : 升降机的速比;
  - 1 : 结构型号; 1型: 螺母作旋转运动、丝杆作轴向运动 (本页展示的产品均为I型); 2型: 丝杆作旋转运动、螺母作轴向运动;
  - A : 装配型式; A型: 丝杆 (或螺母) 向上 (安装面) 移动; B型: 丝杆 (或螺母) 向下 (安装面) 移动;
  - T : 丝杆头部型式: 1型丝杆头部分为I型 (圆柱型)、II型 (法兰型)、III型 (螺纹型)、IV型 (扁头型) 四种;  
2型丝杆头部分为I型 (圆柱型)、III型 (螺纹型);
  - 100 : 升降行程; 客户自定义;
  - FZ : 丝杆的防旋和防护;  
1型结构有基本型、防旋型 (F-键防旋) 和带防护罩型 (Z钢管防护-被动侧, X伸缩管防护-主动侧, Q两种都有);  
2型结构有基本型和带防护罩型 (X伸缩管防护-主动侧);
  - C : 轴指向A; B; C; D;
  - 71B5 : IEC 输入接盘型号;
  - 电机型号 : 需要我司配电机时填写, 电机型号参数;
- DHK: serial number, DHK series - worm gear + T type screw lift, with IEC motor interface type;
  - 5T: model, with the static load capacity of the lift as the model; mainly: 2T, 3T, 5T, 10T, 15T, 20T, 30T, 40T, 50T, 100T;
  - 6: elevator speed ratio;
  - 1: Structural model; Type 1: nut for rotary motion, screw for axial movement (products shown on this page are type I);  
Type 2: screw for rotary motion, nut for axial movement;
  - A: assembly type; type A: the screw (or nut) moves up (mounting surface); type B: the screw (or nut) moves down (mounting surface);
  - T: screw head type: 1 type screw head is divided into I type (cylindrical type), type II (flange type), type III (thread type), type IV (flat head type);  
2 type screw head is divided into I type (cylindrical type) and type III (thread type);
  - 100: lifting stroke; customer customization;
  - FZ: anti-rotation and protection of the screw;  
Type 1 structure has basic type, anti-rotation type (F-key anti-rotation) and protective cover type (Z steel pipe protection - passive side, X telescopic tube protection - active side, Q both);  
Type 2 structure has basic type and protective cover type (X telescopic tube protection - active side);
  - C: the axis points to A; B; C; D;
  - 71B5: IEC input patch model;
  - Motor model: need to fill in the motor when we are equipped with the motor model parameters;

**轴指向 Shaft Direction**

