

CHENMAI

5WL、JW系列减速机选项手册

REDUCER SELECTION MANUAL



www.kong68.com

浙江宸麦传动机械有限公司

ZHEJIANG CHENMAI TRANSMISSION MACHINERY CO.,LTD.

地址：浙江省平阳县鳌江镇经济开发园区390号

电话：0577-63625515

传真：0577-63662716

客服热线：13306772577

网址：www.kong68.com

邮箱：wzklj68@126.com

CHENMAI[®]
宸麦



一、概述 Profile

SWL 系列蜗轮丝杆升降机广泛应用于机械、冶金、建筑、水利设备等行业，具有起升、下降及借助辅件推进、翻转及各种高度位置调整等诸多功能。

SWL 蜗轮丝杆升降机是一种基础起重部件，具有结构紧凑、体积小、重量轻、动力源广泛、无噪音、安装方便、使用灵活、功能多、配套形式多、可靠性高、使用寿命长等许多优点。可以单台或组合使用，能按一定程序准确地控制调整提升或推进的高度，可以用电动机或其他动力直接带动，也可以手动。它有不同的结构型式和装配型式，且提升高度可按用户的要求定制。

SWL series worm wheel screw elevator is widely applied in industries such as machinery, metallurgy, construction, and hydraulic equipment, and has many functions such as lifting and pushing and turning with the help of accessories or adjusting height and position. This series worm screw elevator is one model of basic hoisting parts and has numerous features of compact structure, small volume, light weight, wide drive sources, low noise, high reliability, and long lifespan. In addition, they are easy to be mounted, flexible in use and enjoy multiple functions. This series, driven by motor or other power or manually, can be used both single and combined with others to accurately control the adjustment of height of lifting or pushing by certain programs. For there are many structures and mounting positions, the lifting height can be adjusted to the customers' requirements.

二、型式、规格及表示方法

1. 结构形式

- 1 型——丝杆作轴向移动
- 2 型——丝杆作旋转运动、螺母作轴向移动

2. 装配型式

- A 型——丝杆（或螺母）向上移动
- B 型——丝杆（或螺母）向下移动

3. 丝杆头部型式

1 型结构型式的丝杆头部分为 I 型（圆柱型）、II 型（法兰型）、III 型（螺纹型）、IV 型（扁头型）四种型式；

2 型结构型式的丝杆头部分为 I 型（圆柱型）、III 型（螺纹型）二种型式。

4. 传动比

普通速比（P）、慢速比（M）

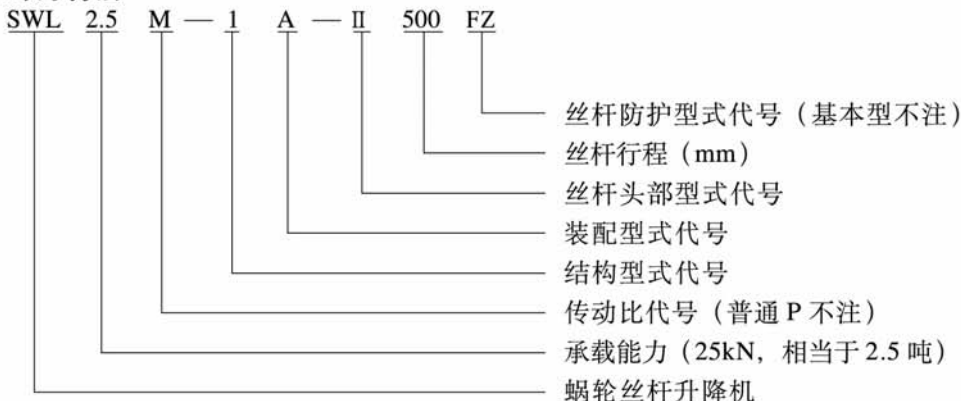
5. 提升承载能力

2.5, 5, 10, 15, 20, 25, 35 (× 10kN) 七种

6. 丝杆的防护

- 1 型结构有基本型、防旋转型（F）和带防护罩型（Z）；
- 2 型结构有基本型和带防护罩型（Z）。

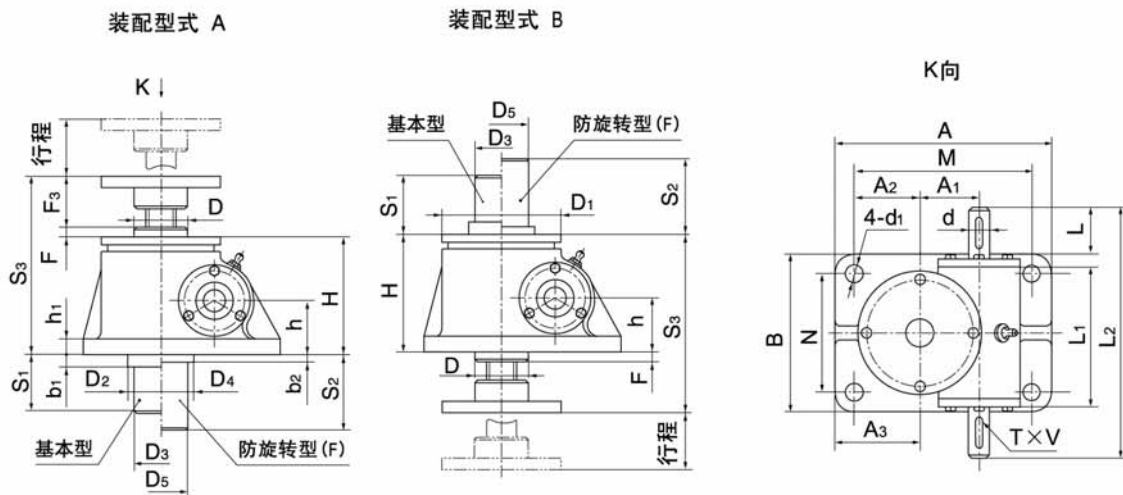
7. 表示方法





三、外形尺寸

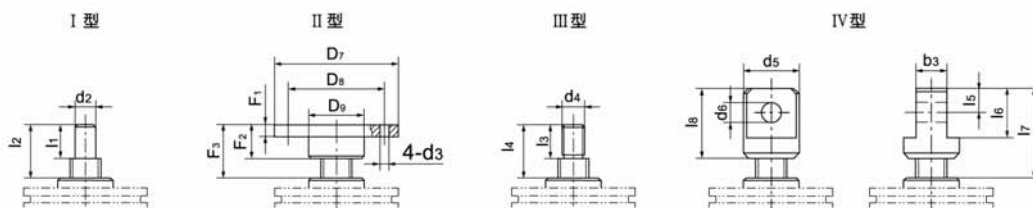
I 型结构型式



型号	S ₁	S ₂	S ₃ *	A	B	M	N	H	h	h ₁	d(k6)	d ₁	键GB1096	L	L ₁	L ₂	D	D ₁	D ₂	D ₃	D ₄	D ₅	A ₁	A ₂	A ₃	b ₁	b ₂	F
SWL2.5	行程+20	行程+80	150.5	165	120	135	90	97	45	12	16	14	5 × 5 × 28	32	110.5	190	48	98	70	45	98	62	45.2	50	65	20	20	8.5
SWL5		行程+90	193	212	155	168	114	130	61.5	18	20	17	6 × 6 × 27	30	132	228	65	122	90	62	110	62	56.2	58	80	25	18	12
SWL10 SWL15		行程+100	230	235	200	190	155	150	70	16	25	21	8 × 7 × 38	42	172	280	80	150	100	80	130	80	66.8	63.5	86	17	18	6.5
SWL20		行程+120	262	295	215	240	160	176	87	20	28	28	8 × 7 × 45	51	213.5	322	100	185	120	80	170	78	72	95	122.5	35	31	6
SWL25		行程+150	317	360	260	280	190	217	102	25	32	34	10 × 8 × 45	51	221	355	130	205	150	110	200	110	97	95	130	30	40	8
SWL35		行程+150	350	430	280	360	210	240	115	30	38	35	10 × 8 × 65	75	265	430	150	260	180	123	210	169	120	135	170	35	40	10



丝杆头部型式

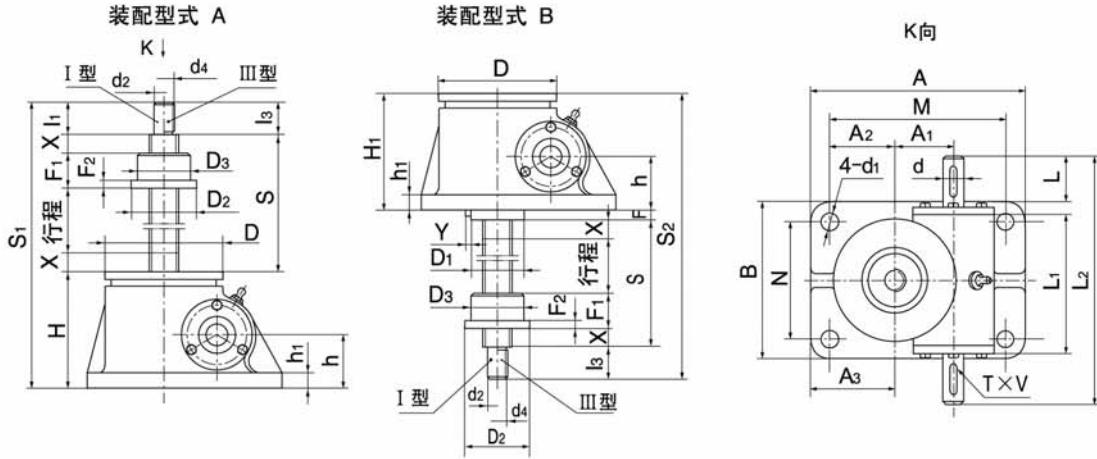


型号	丝杆头部型式																			
	I			II							III			IV						
	d ₂ (k6)	l ₁	l ₂	D ₇	D ₈	D ₉	d ₃	F ₁	F ₂	F ₃ *	d ₄	l ₃	l ₄	d ₅	d ₆ (H8)	b ₃	l ₅	l ₆	l ₇ *	l ₈
SWL2.5	20	30	45	98	75	40	14	12	30	45	M22 × 1.5-6g	30	45	50	25	30	25	50	85	70
SWL5	25	40	51	122	85	50	17	18	40	51	M30 × 2-6g	39	51	65	35	42	37.5	75	117	105
SWL10 SWL15	40	50	73.5	150	105	65	21	20	50	73.5	M42 × 2-6g	50	73.5	90	50	60	50	100	153.5	130
SWL20	50	60	80	185	140	90	26	20	60	80	M48 × 2-6g	48	80	110	60	75	60	120	170	150
SWL25	70	63	92	205	155	100	27	25	63	92	M70 × 3-6g	63	92	130	70	90	70	140	204	175
SWL35	80	80	100	260	200	130	33	30	80	100	M80 × 3-6g	80	100	150	80	105	80	160	240	220

*注：以上表格内S₃、F₃、l₃数值为不带防尘罩时尺寸，如需防尘罩时，尺寸请参考JWM系列（详见338页至343页）。

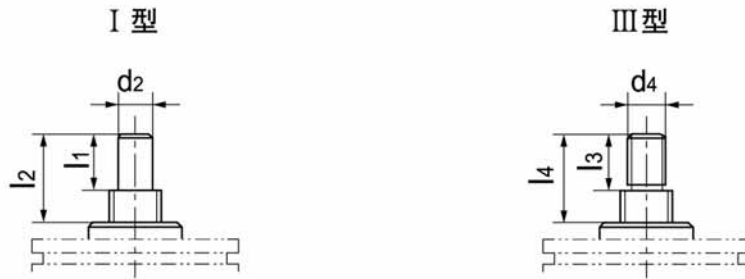


2 型结构型式



型号	S	S ₁	S ₂	A	B	M	N	H	H ₁	h	h ₁	d(k6)	d ₁	键 GB1096	L	L ₁	L ₂	D	D ₁	A ₁	A ₂	A ₃	F	安全 裕度 X	Y
SWL2.5	行程+85	行程+215	行程+238.5	165	120	135	90	100	97	45	12	16	14	5 × 5 × 28	32	110.5	190	98	68	45.2	50	65	26.5	20	3
SWL5	行程+100	行程+270	行程+300	212	155	168	114	131	131	61.5	14	20	17	6 × 6 × 27	30	132	228	122	83	56.2	58	80	30	20	3
SWL10 SWL15	行程+125	行程+335	行程+359	235	200	190	155	160	150	70	16	25	21	8 × 7 × 38	42	172	280	150	110	66.8	63.5	86	34	25	1
SWL20	行程+150	行程+404	行程+430	295	215	240	160	194	181	87	20	28	28	8 × 7 × 45	51	213.5	322	185	140	72	95	122.5	39	25	3
SWL25	行程+170	行程+476	行程+513	350	260	280	190	226	211	102	25	32	35	10 × 8 × 45	51	221	355	205	160	97	95	140	52	25	3
SWL35	行程+205	行程+535	行程+580	430	280	360	210	250	250	115	30	38	35	10 × 8 × 65	75	265	430	260	180	120	135	170	45	30	4

丝杆头部型式及螺母尺寸



型号	活动螺母尺寸				丝杆头部型式			
	D ₂	D ₃ (h9)	F ₁	F ₂	d ₂ (k6)	I	III	I ₃
SWL2.5	80	50	45	15	20	30	M22 × 1.5-6g	30
SWL5	87	70	60	18	25	40	M30 × 2-6g	39
SWL10 SWL15	110	90	75	25	40	50	M42 × 2-6g	50
SWL20	120	90	100	30	50	60	M48 × 2-6g	60
SWL25	155	130	120	35	70	63	M70 × 3-6g	63
SWL35	190	150	145	35	80	80	M80 × 3-6g	80



四、升降机的主要性能参数表

型 号		SWL2.5	SWL5	SWL10	SWL15	SWL20	SWL25	SWL35	
最大起升力 (kN)		25	50	100	150	200	250	350	
丝杆螺纹尺寸		Tr30 × 6	Tr40 × 7	Tr58 × 12		Tr65 × 12	Tr90 × 16	Tr100 × 20	
最大拉力 (kN)		25	50	99		166	250	350	
蜗轮蜗杆传动比		P	1/6	1/8	3/23		1/8	3/32	3/32
		M	1/24	1/24	1/24		1/24	1/32	1/32
蜗杆每转行程 (mm)		P	1.0	0.875	1.565		1.56	1.5	1.875
		M	0.250	0.292	0.5		0.5	0.5	0.625
拉力负荷时丝杆的最大伸长 (mm)		1500	2000	2500		3000	3500	4000	
最大压力负荷时的 最大提升高度 (mm)	丝杆头部无导向	250	385	500	400	490	850	820	
	丝杆头部导向	400	770	1000	800	980	1700	1640	
满载时蜗杆扭矩 (N·m)		P	18	39.5	119	179	240	366	464
		M	8.86	19.8	60	90	122	217	253
效率 (%)		P	22	23	20.5		19.5	16	18
		M	11	11.5	13		12.8	9	11
功率 (kw)		P=T × n/9550 { T: 扭矩 (N·m); n: 转速 (r/min) }							
不加行程的重量 (kg)		7.3	16.2	25		36	70.5	87	
丝杆每 100mm 的重量 (kg)		0.45	0.82	1.67		2.15	4.15	5.20	
润滑剂		合成钙钠基润滑脂 ZGN-1 或 ZGN-2 (-20℃ ~ +100℃)							
润滑脂量 (kg)		0.1	0.3	0.5		0.75	1.1	1.9	



五、提升力和提升速度表

型号	提升力 (kN)	提升速度 m/min (普通)	蜗杆转速 r/min	提升速度 m/min (慢速)	蜗杆转速 r/min	型号	提升力 (kN)	提升速度 r/min (普通)	蜗杆转速 r/min	提升速度 r/min (慢速)	蜗杆转速 r/min
SWL2.5	25			0.0125	50	SWL20	200	0.15	100	0.10	200
	20			0.15	600		160	0.15	100	0.15	300
	15			0.188	750		120	0.30	200	0.15	300
	10			0.25	1000		100	0.30	200	0.25	500
	5			0.45	1800		75	0.45	300	0.375	750
SWL5	50	0.044	50	0.0146	50	SWL25	50	0.75	500	0.50	1000
	40	0.264	300	0.175	600		25	1.50	1000	0.90	1800
	30	0.264	300	0.219	750		250	0.075	50	0.025	50
	20	0.526	600	0.292	1000		200	0.15	100	0.10	200
	10	0.876	1000	0.525	1800		160	0.15	100	0.15	300
SWL10	5	1.575	1800	0.525	1800	SWL35	130	0.30	200	0.15	300
	100	0.288	200	0.15	300		100	0.45	300	0.25	500
	75	0.432	300	0.25	500		75	0.45	300	0.30	600
	50	0.432	300	0.375	750		50	0.90	600	0.50	1000
	35	0.864	600	0.90	1800		350	0.094	50	0.0313	50
SWL15	20	1.44	1000	0.90	1800	300	0.104	100	0.125	200	
	10	2.592	1800	0.90	1800	250	0.208	100	0.188	300	
	150	0.072	50	0.025	50	200	0.416	200	0.188	300	
	100	0.288	200	0.15	300	150	0.624	300	0.313	500	
	80	0.288	200	0.25	500	100	0.624	300	0.47	750	
SWL20	60	0.432	300	0.30	600	50	1.248	600	0.626	1000	
	40	0.720	500	0.50	1000						
	20	1.44	1000	0.90	1800						
	10	2.592	1800	0.90	1800						

注：表中参数是在环境温度 20℃，工作持续率每小时 20% 或每分钟 40% 情况下得出的；
当转速超过表中数值时，提升元件会因过热而出现早期磨损，使用时应严加注意。



六、丝杆长度与极限负荷的关系

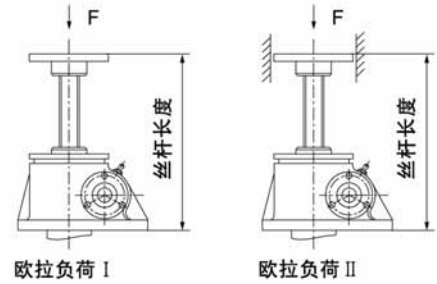


图 1

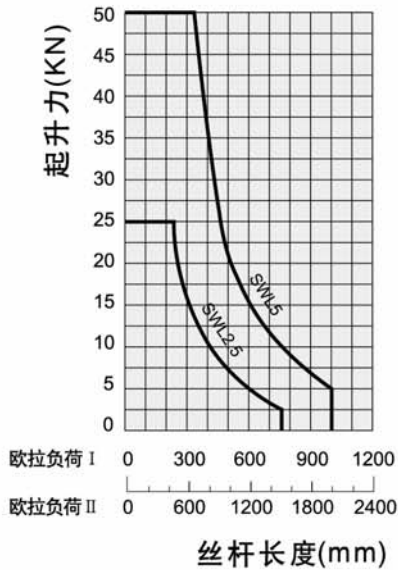


图 2

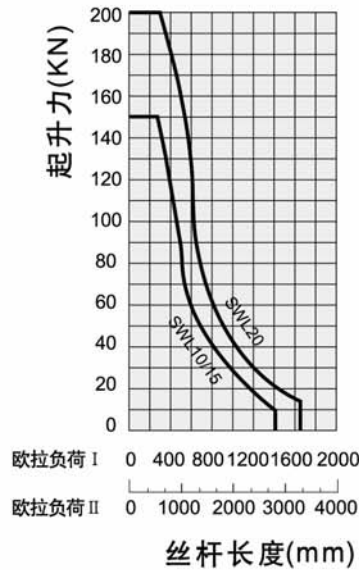


图 3

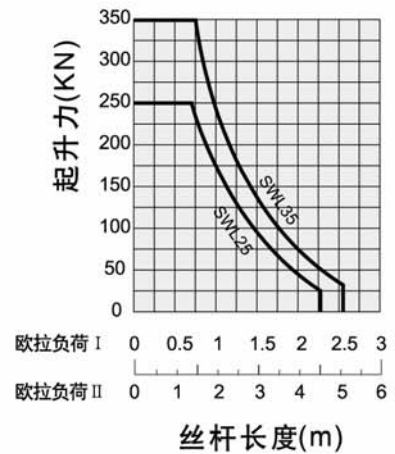


图 4

七、升降机的选型说明：

根据丝杆行程和提升负荷查图 1 ~ 图 4，找出所需升降机的型号，再查提升力和提升速度表，校核提升速度是否满足要求。

例：已知提升负荷为 $F=20\text{kN}$ ，丝杆行程 = 400mm，提升速度 $V=0.65\text{m/min}$ ，试求所需的升降机。

根据 $F=20\text{kN}$ ，丝杆行程 = 400mm 查图 2，选择 SWL5 升降机。再查提升力和提升速度表核对 SWL5 升降机在 20KN 负荷下只允许 0.526m/min 的速度，只有重选大型号的升降机。再查提升力和提升速度表得知 SWL10 在 20KN 负荷下允许提升速度为 1.44m/min 而满足要求。

八、说明：

- 1) 当压力负荷减小时，提升高度可随之增大（两者具体关系详见图 2 ~ 图 4）；
- 2) 在提升不同的负荷时，所允许的扭矩、功率、转速也不同，且不同工作持续率的最大功率也不同；
- 3) 1 型结构采用油脂润滑，随着温度的升高应及时补充润滑剂；
- 4) 表中的效率为用油脂润滑条件下的参数；
- 5) 工作期间应及时更换润滑剂；
- 6) 工作环境温度： $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$ ；
- 7) 在静止状态一般可以自锁。



JW 丝杆升降机概述

JWM型（梯形丝杆型）

低速、低频率

JWM型（梯形丝杆型）适用于低速、低频率的场合，主要构成部件为：精密梯形丝杆副与高精度蜗轮蜗杆副。

- 1) 价格经济、结构紧凑、操作简单、保养方便。
- 2) 低速、低频率：
主要用于大负荷、低速与无需频繁工作的场所。
- 3) 保持载重：梯形丝杆具有自动锁定功能，即使没有制动装置也可保持载重。

*在受到较大振动，冲击载荷时，可能会使自锁功能失效，此时请外加制动装置。



JWB型（普通滚珠丝杆型）

高速 高频率

JWB型（普通滚珠丝杆型），适用于高速，高频率和高性能的装置中，主要构成部件为精密滚珠丝杆副与高精度蜗轮蜗杆副。

- 1) 高效率：只需很小的驱动源，就可以产生很大的推动力。
- 2) 高速化：与梯形丝杆相比，速度有很大的提高，能轻松而高速地运转。
- 3) 使用寿命长：采用高质量的滚珠丝杆，使其工作寿命提高3倍以上。

注：本身无自锁功能，需外加制动装置或选择带有制动的驱动源。



JW series screw jack overview:

JWM (Trapezoid screw)

LOW SPEED LOW FREQUENCY

JWM (trapezoidal screw) is suitable for low speed and low frequency.

Main components: Precision trapezoid screw pair and high precision worm-gears pair.

- 1) Economical:
Compact design, easy operation, convenient maintenance.
- 2) Low speed, low frequency:
Be suitable for heavy load, low speed, low service frequency.
- 3) Self-lock
Trapezoid screw has self-lock function, it can hold up load without braking device when screw stops traveling.

Braking device equipped for self-lock will be of malfunction accidentally when large jolt & impact load occur.



JWB (General ball screw)

HIGH SPEED HIGH FREQUENCY

JWB (General ball screw) is suitable for high speed, high frequency and excellent performance.

Main components: Precision ball screw pair and high precision worm-gears pair.

- 1) High efficiency
Rolling friction improve efficiency greatly, only a little drive power can generate great thruust force.
- 2) High speed
Rolling friction speed up travel of screw easily.
- 3) Lifetime longer
High precision ball screw can make JWB's lifetime longer by 3 times comparing with JWB.

Note: Braking devices or motor with braking devices are necessary when choosing JWB.

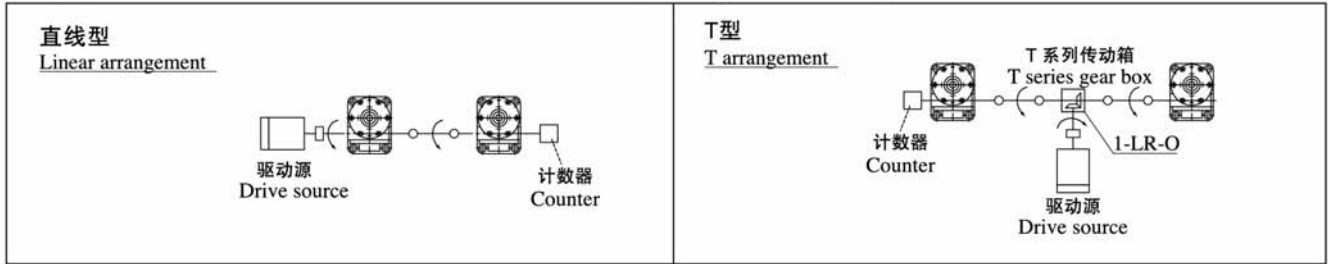


JW



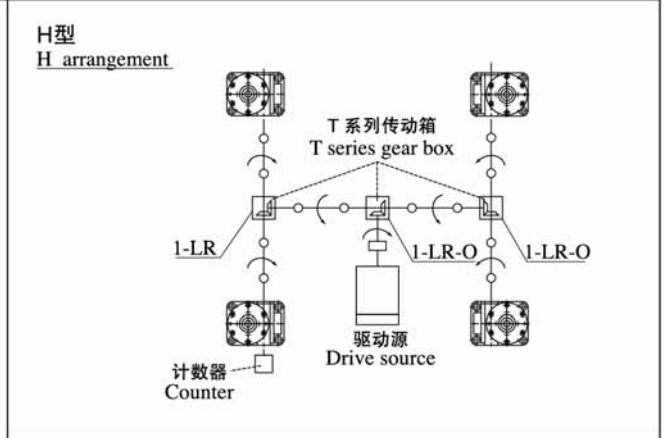
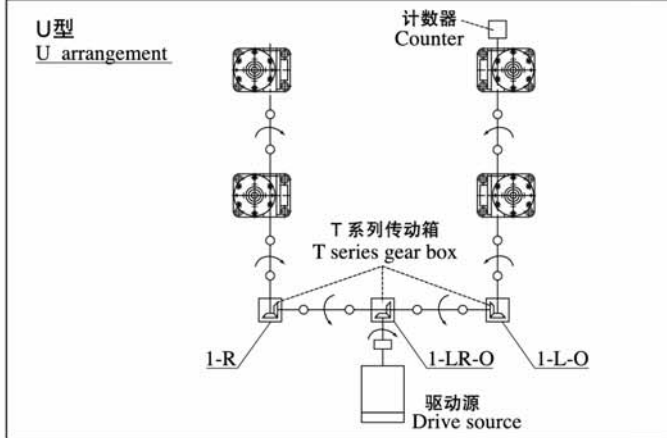
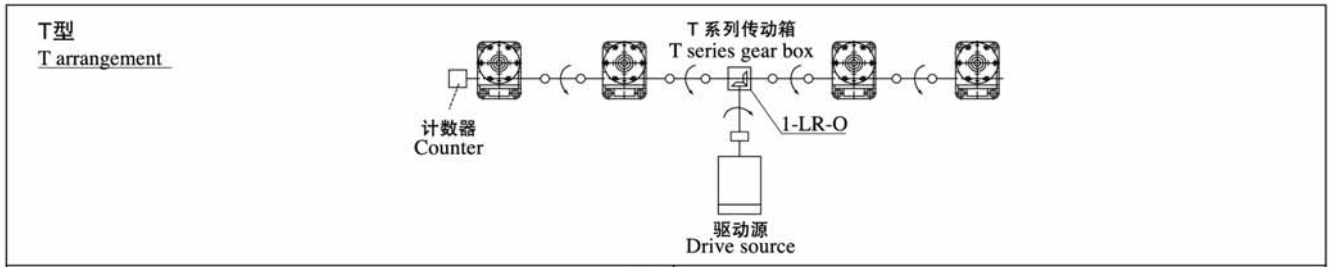
应用示例：
两台连动：

Application example:
Two gear boxes linking:



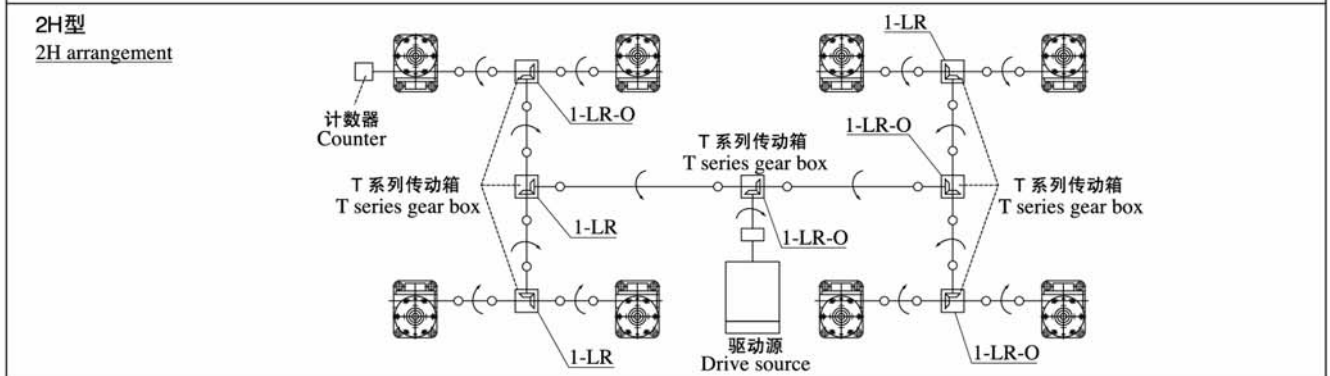
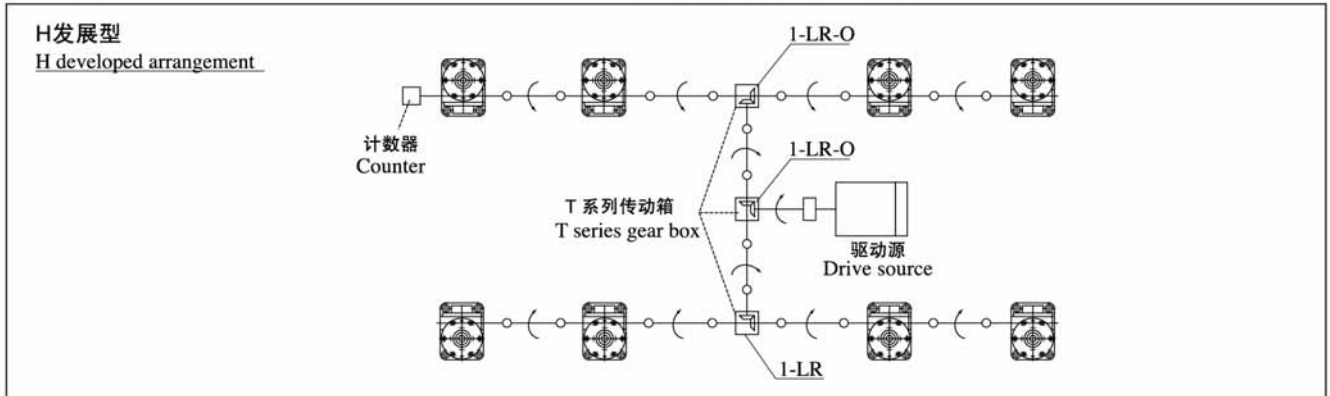
四台连动：

Four gear boxes linking:



八台连动：

Eight gear boxes linking:



JW

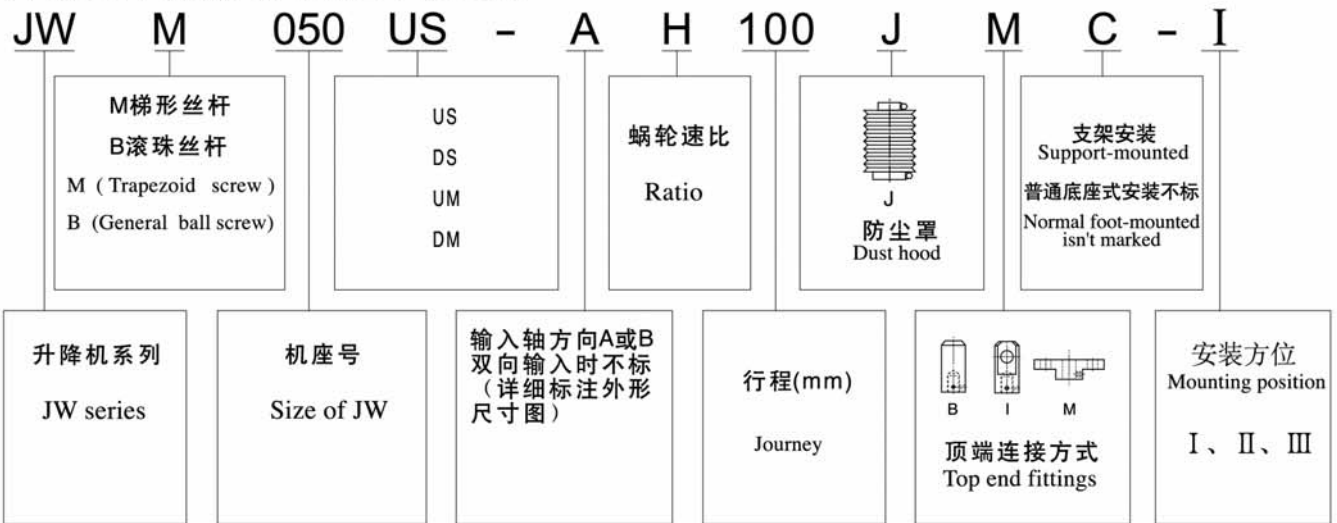


型号表示方法举例：

基本形式和止旋构造升降机的型号表示方法：

Illustration of types:

Plain mode and Mode with anti-rotation device:

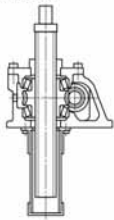


基本形式 (US, DS)

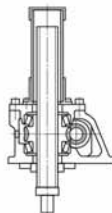
螺母转动, 丝杆上下移动并伴随附加的旋转运动, (如下图)

US: 押上 DS: 吊下

- * 请根据载荷方向、安装方向来选择合适的升降机 (US或DS).
- * 丝杆轴在升降时, 会产生旋转力, 所以必须做好防止旋转措施.



US

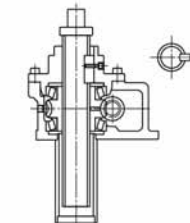


DS

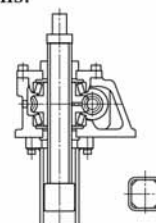
止旋构造 (UM, DM)

UM: 押上 DM: 吊下

- * 丝杆只能上下移动
- * 请根据载荷方向、安装方向来选合适的升降机 (UM或DM)



(JWM100-JWM200)
UM



(JWM010-JWM050) (JWB010-JWB200)
DM

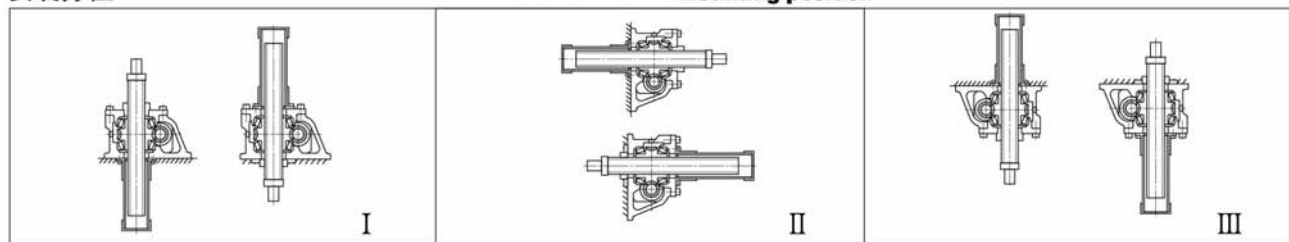
With Anti-rotation device.

UM: UPRISE DM: DROP

- * No rotation of screw, which only travel up and down.
- * Select UM or DM according to the load and mounting positions.

安装方位

Mounting position



注: 采用III型安装方位时, 底脚安装螺栓的性能等级须为10.9级以上。

Note: Selecting mounting position III, the quality of bolt on housing feet reaches 10.9.



活动螺母构造升降机的型号表示方法:

Illustration of type with traveling nut



活动螺母构造 (UR, DR)

一般情况下, 升降机必须具有因丝杆轴的升降而产生的行程和丝杆罩所需的空间, 若想在有限的空间内增长行程时, 使用此活动螺母构造非常适应(丝杆轴旋转, 活动螺母移动)。丝杆轴顶端为圆柱形, 所以在长行程时, 在轴端采用支撑方式, 可以得到很好的传动效果。

JW with Traveling nut

In general, Jack need enough space for screw's traveling journey and dust-hood. Using traveling nut can help jack realize longer traveling journey in limited space. The top end fittings are column, it can be a supporting point for a good transmission effect when a long traveling journey is selected.

UR: 押上 DR: 吊下

UR: uprise DR: drop

请根据载荷方向, 安装方向来选择合适的升降机(押上或吊下)

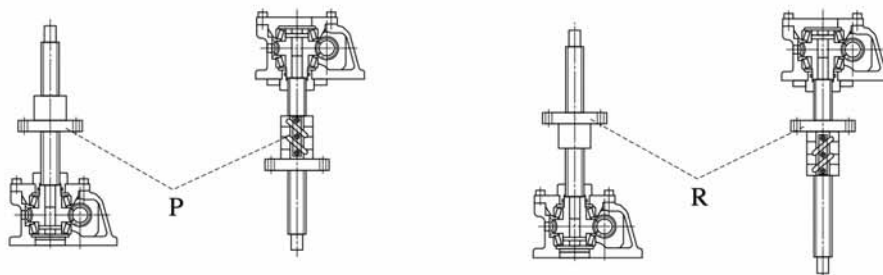
Select UR or DR according to the load and mounting positions.

活动螺母的安装方向 (P, R)

选型和型号表示方法中, 还需注明螺母的放置方向(如下图)

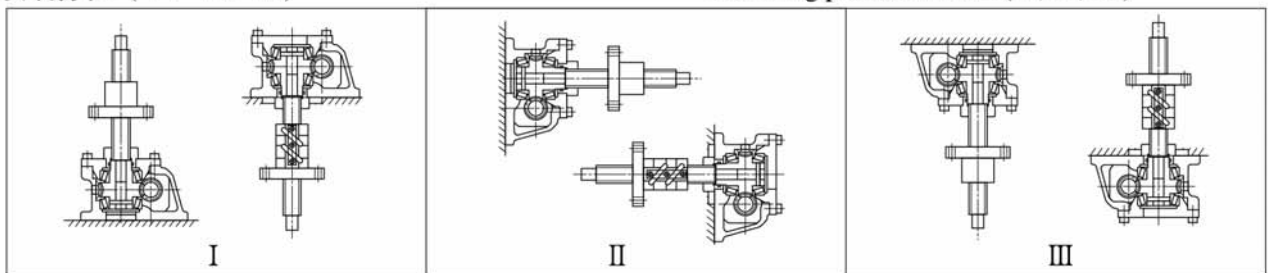
Mounting direction of traveling nut (P, R)

The mounting direction of traveling nut should be signed on drawing when selecting types.



安装方位 (I, II, III)

Mounting position of Jack (I, II, III)



注: 采用III型安装方位时, 底脚安装螺栓的性能等级须为10.9级以上。

Note: Selecting mounting position III, the quality of bolt on housing feet reaches 10.9.



JWM (梯形丝杆类型) 基本参数一览表

JWM (Trapezoid screw) basic parameter table:

型号 Type		JWM010	JWM025	JWM050	JWM100	JWM150	JWM200	JWM300	JWM500	JWM750	JWM1000
最大载荷 Maximal load	(kN)	9.80	24.5	49.0	98.0	147	196	294	490	735	980
丝杆外径 Outer diameter of screw	(mm)	20	26	40	50	55	65	85	120	130	150
丝杆底径 Small diameter of screw	d (mm)	14.8	19.7	30.5	38.4	43.4	49.3	67	102	112	127
丝杆螺距 Pitch of screw	L1 (mm)	4	5	8	10	10	12	16	16	16	20
减速比 Ratio i	H速度 Speed	5	6	6	8	8	8	10 ^{2/3}	10 ^{2/3}	10 ^{2/3}	12
	L速度 Speed	20	24	24	24	24	24	32	32	32	36
综合效率 % Integrated efficiency η	H速度 Speed	21	21	22	22	20	20	19	15	13	13
	L速度 Speed	12	12	14	15	14	13	11	10	8	8
容许输入最大功率 (kW) Permissible output maximal power	H速度 Speed	0.49	1.0	2.0	2.8	3.1	5.0	8.4	13.4	14.4	21.4
	L速度 Speed	0.36	0.46	0.63	1.4	2.2	3.2	4.6	5.7	7.2	9.4
空载扭矩 No-load torque	T ₀ (N·m)	0.29	0.62	1.4	2.0	2.6	3.9	9.8	19.6	29.4	39.2
容许输入轴扭矩* Permissible torque of input shaft	(N·m)	19.6	49.0	153.9	292.0	292.0	292.0	735.0	1372.0	1764.0	2450.0
最大载荷时所需输入轴扭矩** Required torque of input shaft at maximal load (N·m)	H速度 Speed	6.2	16.1	48.7	90.7	149.0	238.1	400.1	856.0	1380.5	2040.9
	L速度 Speed	2.9	7.4	20.0	45.3	72.3	124.0	244.0	453.3	761.3	1278.3
输入轴每回转一圈丝杆 (活动螺母)轴向位移量 Axial journey of screw, when input shaft rotate a circle. (mm)	H速度 Speed	0.80	0.83	1.33	1.25	1.25	1.50	1.50	1.50	1.50	1.67
	L速度 Speed	0.20	0.21	0.33	0.42	0.42	0.50	0.50	0.50	0.50	0.56
最大载荷时容许输入轴回转速度 Permissible rotational speed of screw shaft at maximal load (rpm)	H速度 Speed	750	600	400	300	200	200	200	150	100	100
	L速度 Speed	1200	600	300	300	290	250	180	120	90	70
最大载荷时丝杆回转扭矩 (N·m) Rotational torque of screw at maximal load		20.1	65.1	201.5	503.6	813.2	1287.7	2531.9	5551.3	8921.8	13878.3

* 减速机输入轴的容许扭矩。(联动运转时请确认)
** 包括无负荷空转扭矩的数值。

* Permission torque of shaft of reducer.
** Include torque under the condition of no-load operating.

JWB (普通滚珠丝杆) 基本参数一览表

JWB (General ball screw) basic parameter table:

型号 Type		JWB010	JWB025	JWB050	JWB100	JWB150	JWB200	JWB300	JWB500
最大载荷 Maximal load	(kN)	9.80	24.5	49.0	98.0	147	196	294	490
丝杆外径 Outer diameter of screw	(mm)	20	25	40	50	55	65	80	100
丝杆底径 Small diameter of screw	d (mm)	17.5	21.4	31.3	39.1	43.1	55.7	74.8	87
丝杆螺距 Pitch of screw	L1 (mm)	5	8	10	12	12	12	16	20
减速比 Ratio i	H速度 Speed	5	6	6	8	8	8	10 ^{2/3}	10 ^{2/3}
	L速度 Speed	20	24	24	24	24	24	32	32
综合效率 % Integrated efficiency η	H速度 Speed	61	62	64	63	63	62	56	60
	L速度 Speed	34	35	39	43	43	41	34	38
容许输入最大功率 (kW) Permissible output maximal power	H速度 Speed	0.54	1.3	2.2	3.6	4.0	5.5	8.9	13.3
	L速度 Speed	0.27	0.63	1.0	1.9	2.1	2.8	4.1	6.5
空载扭矩 No-load torque	T ₀ (N·m)	0.29	0.62	1.37	1.96	2.65	3.92	9.81	19.6
保持扭矩 Keeping torque (N·m)	H速度 Speed	1.27	4.31	10.78	19.6	39.2	51.0	68.6	140.1
	L速度 Speed	0.26	0.91	2.4	5.8	11.8	15.0	19.5	41.2
容许输入轴扭矩* Permissible torque of input shaft	(N·m)	19.6	49.0	153.9	292.0	292.0	292.0	735.0	1372.0
最大载荷时所需输入轴扭矩** Required torque of input shaft at maximal load (N·m)	H速度 Speed	2.8	9.0	21.5	39.1	77.0	104.5	169.6	317.5
	L速度 Speed	1.4	4.3	9.6	20.4	39.6	54.2	98.5	177.9
输入轴每回转一圈对应丝杆 (活动螺母)轴向位移量 Axial displacement of screw, when input shaft rotate a circle. (mm)	H速度 Speed	1	1.33	1.67	1.5	1.5	1.5	1.5	1.88
	L速度 Speed	0.25	0.33	0.42	0.5	0.5	0.5	0.5	0.63
最大载荷时容许输入轴回转速度 Permissible rotational speed of screw shaft at maximal loading (rpm)	H速度 Speed	1500	1400	1000	890	500	500	500	400
	L速度 Speed	1500	1400	1000	890	500	500	400	350
最大载荷时丝杆回转扭矩 (N·m) Rotational torque of screw at maximal load		8.7	34.7	86.7	208.2	416.3	555.1	1040.9	2081.7

* 减速机输入轴的容许扭矩。(联动运转时请确认)
** 包括无负荷空转扭矩的数值。

* Permissible torque of shaft of reducer.
** Include torque under the condition of no-load operating.

**注意事项:**

- 1) 选择升降机时不论静载、动载、冲击载荷均不得超过其允许承受的最大载荷, 根据安全系数、使用行程、校对丝杆的稳定性选择具有充分容量的升降机;
- 2) 一定要注意丝杆轴转速与承受的载荷进行搭配, 对于升降机的容许最大载荷、容许外加负载、容许丝杆轴的旋转速度等项目进行校验, 如果超过产品的数据将会造成升降机设备整体的重大损伤;
- 3) 升降机在工作时其减速部表面温度应控制在 $-15^{\circ}\text{C} \sim 80^{\circ}\text{C}$ 的范围以内, 确保活动螺母的表面温度也在上述范围以内;
- 4) 输入轴容许转速为1500r/min, 输入轴不得超过此转速;
- 5) JWM和JWB都不可连续运转:
单台升降机的负荷时间率(%ED)以30分为单位计算, JWM(梯形丝杆类型)的负荷时间内不得超过20%ED, JWB(普通滚珠丝杆)的负荷时间率不得超过30%ED,

负荷时间率%ED =

$$\frac{1 \text{ 动作周期的工作时间}}{1 \text{ 动作周期的工作时间} + 1 \text{ 动作周期的停歇时间}} \times 100\%$$

- 6) 对于在同一轴线上连接数台升降机时, 请务必对输入轴强度进行校核, 使每台升降机所承担的扭矩都应在其容许输入轴扭矩以内;
- 7) 驱动源的起动扭矩应确保在使用扭矩的200%以上;
- 8) 在零摄氏度以下工作时因受润滑油粘性变化的影响使得整机效率下降, 所以必须选有充足的驱动源;
- 9) JWM型理论上具有自锁功能, 但工作在振动冲击较大的场合时会导致自锁功能失灵, 因此须外加一制动装置或选择带有制动的驱动源。
JWB型升降机本身不具有自锁功能, 为了防止由于轴向载荷和丝杆的自重而产生逆转, 必须外加制动装置或选择带有制动的驱动源, 请确保制动扭矩大于保持扭矩;

10) 升降机使用的环境如下

使用场所	Working Location	室内无雨水侵入的场所	Indoor location without rainwater
周围空气	Ambient Air	灰尘为一般工厂状态	Normal
环境温度	Ambient Temperature	$-15^{\circ}\text{C} \sim 40^{\circ}\text{C}$	
相对湿度	Relative Humidity	85%以下	Less than 85%

- 11) 当升降机工作在多灰尘的场所中时请务必选择防尘罩伸缩套附件来保护丝杆, 在室外使用时请务必考虑使用罩壳等装置, 使机器不直接受到风吹雨打;
- 12) 在升降机工作时, 不得进行人为的强行停机, 否则将使升降机受到严重破损;
- 13) 在有负载的情况下, 请不要将JWB型的输入轴驱动方式变为手动操作, 负载有可能会造成输入轴旋转非常危险。

Note:

- 1) Select a Jack with sufficient capacity according to safety factor, service journey and stability. And stationary load, dynamic load and shock load must be lower than permissible maximum load.
- 2) Please note that rotation speed of screw must match load, permissible maximum load, permissible maximum outer load, and permissible rotation speed of screw must be verified. If these figures exceed that of products, jacks will be damaged greatly.
- 3) The surface temperature will be limited in $-15^{\circ} \sim 80^{\circ}$ when jack working to ensure the temperature of traveling nuts in $-15^{\circ} \sim 80^{\circ}$.
- 4) Maximum input speed is 1500r/min.
- 5) JWM and JWB aren't suitable for continuous operation, Jack Duty(%ED)
JWM duty(%ED) cannot exceed 20%ED,
JWB duty(%ED) cannot exceed 30%ED,

Duty %ED =

$$\frac{\text{jack operating time(lift \& lower cycle)}}{\text{Elapsed cycle time}} \times 100\%$$

- 6) When several Jacks are connected on the same axial line, the loaded torque with each Jack must be verified and limited within permissible input torque.
- 7) Starting torque must be 200% of service torque.
- 8) At below 0° ambient temperature, changed adhesion of lubrication will lower Jack's efficiency so that sufficient drive is necessary.
- 9) JWM has self-lock function, but an Extra braking device or drive source with braking device is necessary to be equipped because self-lock will be of mal-function when Jack is loaded a heavy shock.
JWB has no self-lock function, to avoid backspin of screw under axial load and its weight, a braking device or drive source with braking device is necessary to be equipped and braking torque must be larger than operating torque of Jack.

10) Jack's operating conditions

使用场所	Working Location	室内无雨水侵入的场所	Indoor location without rainwater
周围空气	Ambient Air	灰尘为一般工厂状态	Normal
环境温度	Ambient Temperature	$-15^{\circ}\text{C} \sim 40^{\circ}\text{C}$	
相对湿度	Relative Humidity	85%以下	Less than 85%

- 11) When working in dusty space, Jack must be equipped with elastic dust-hood on screw; in open air, shield must be equipped to prevent exposure to wind and rain.
- 12) When working, Jack cannot be forced to stop, or it will be damaged seriously.
- 13) Under load, don't change motor drive mode into manual drive, or which will cause backspin of screw and cause great danger.



选型方法:

升降机型号的确定:

计算总机的当量载荷Ws (N)

$$W_s = \text{最大载荷 } W_{\max} \times \text{使用系数 } f_1 (N)$$

被驱动设备系数 (f1) 表:

载荷性质 Load character	使用举例 Example	被驱动设备系数 Factor for driven machine (f1)
无冲击载荷, 负荷惯性小 shockless load & small inertia load	开关、阀门传送带切换装置 Switch, valve transmission belt swithing device	1.0 ~ 1.3
轻微冲击载荷, 负荷惯性中等 moderate shock & moderate inertia	各种移动装置; 升降用各种升降机 All kinds of moving devices, all kinds of elevators	1.3 ~ 1.5
大冲击振动载荷, 负荷惯性大 heavy shock & large inertia	用台车搬运东西; 保持压延滚轮的位置 Carrying something by trolley; to keep the position of idling gear	1.5 ~ 3.0

计算单台升降机的当量载荷W,

$$W = \frac{W_s}{\text{连动台数} \times \text{连动系数 } fd}$$

连动系数 Linkage factor(fd):

连动台数 Number of linkage jack	1	2	3	4	5~8
连动系数 Linkage factor	1	0.95	0.9	0.85	0.8

确定升降机型号:

充分考虑载重, 速度, 行程, 效率, 驱动源后暂时选定型号

根据使用行程、环境条件、输出顶端的联接方式, 确定升降机的整体型号。

输入功率校核:

负载所需输入功率与许容最大输入功率相比较如果超过请提高型号或降低丝杆轴转速再计算。

负载所需输入功率计算 Calculation of required input power under load :

所需输入轴转速 Required rotation speed of input shaft	n_1 (r/min)	$n_1 = \frac{V}{L_i} \times i$
所需输入轴扭矩 Required torque of input shaft	T_1 (N · m)	$T_1 = \frac{W \times L_1}{2\pi \times i \times \eta} + T_0$
所需输入功率 Required input power	P_1 (kW)	$P_1 = \frac{T_1 \times n_1}{9550}$

V: 升降机丝杆轴(活动螺母)升降速度 mm/min L₁: 丝杆螺距 (mm)
i: 减速比 W: 单台升降机当量载荷 (N) π: 圆周率
η: 升降机的综合效率 T₀: 空载扭矩 (N·m)
(L₁, i, η, T₀参照基本参数表)

How to select type:

Determine Jack's type:

Calculate total equivalent load Ws (N):

$$W_s = W_{\max} \times f_1$$

Service factor for driven machine (f1) :

Calculate equivalent load of single Jack,

$$W = \frac{W_s}{\text{Number} \times \text{Linkage factor (fd)}}$$

Temporarily determine Jack type:

Temporarily determine Jack type after taking full consideration of load, speed, journey, efficiency and drive source.

Determine JW type according to service journey, ambient conditions, connection mode of end-fittings.

Verify input power

If required input power under load exceeds permissible maximum input power, please select larger type or lower the speed of screw rotation.

V: linear speed of screw mm/min L: Pitch of screw (m)
i: ratio W: equivalent load of single jack π: pi
η: Integrated efficiency T₀: No-load torque (Nm)
(L₁, i, η, T₀ refer to basic parameter table)

丝杆稳定性校核

当丝杆承受轴向压缩载荷时, 请对其进行稳定性校核, 如超过其临界载荷值请提高型号后再计算。

升降机丝杆临界稳定载荷通过以下公式计算:

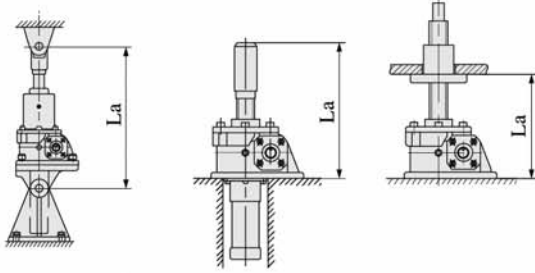
$P_{CR} = f_m \times \left(\frac{d^2}{L_a}\right)^2$	确保 ensure	$P_{CR} > W \times SF$ (SF=4)
--	--------------	-------------------------------

P_{CR}: 临界载荷 (N)
d: 丝杆底径mm(参照基本参数表)
f_m: 支撑系数
L_a: 作用点间距离mm
W: 单台升降机当量载荷 (N)
SF: 安全系数 (一般SF=4)

P_{CR}: Critical load (N)
d : small diameter of screw end (mm) (refer to basic parameter table)
f_m : support factor
L_a : distance between load-supporting point and mounting point as drawing.
W : equivalent load of single Jack (N)
SF : safety factor (SF=4 as usual)



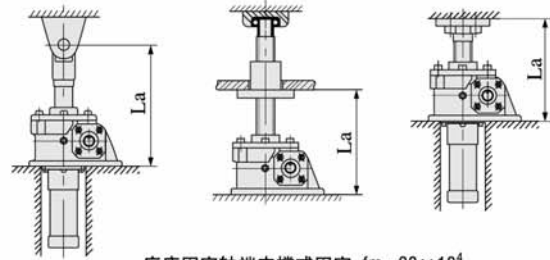
丝杆轴稳定性校验时，La (La值计算根据各型号尺寸) 与fm (支撑系数) 选取如下：



两端支撑 fm=10×10⁴
support at both ends fm=10×10⁴

底座固定轴端自由 fm=2.5×10⁴
Foot-mounted & movable shaft end fm=2.5×10⁴

Verifying the stability of screw, the values of La and fm as follows,



底座固定轴端支撑或固定 fm=20×10⁴
Foot-mounted & shaft end supporting or fixed fm=20×10⁴

临界转速校核

如为活动螺母选型时，请务必将丝杆轴转速控制在临界转速以下，若超出临界转速，请提高型号再计算。

Verifying critical rotation speed:

Using traveling nut, the rotation speed of screw must be lower than critical speed, if no, please select larger type and calculate again.

$$n_c = \frac{96 \times f_n \times d \times 10^6}{L_b^2}$$

$$n_s = \frac{n_1}{i}$$

JW

nc:临界转速 r/min

d:丝杆底径 mm(参照基本参数表)

fn:长度系数

Lb:支撑间距离 mm

ns:丝杆转速r/min

n1:输入速度r/min

i:减速比

nc: Permissible rotation speed of screw

ns: Rotational speed of screw

d: Small diameter of screw (refer to basic parameter table)

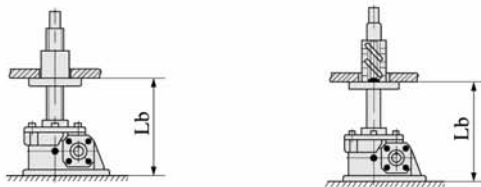
n1: Rotational speed of input shaft

fn: Length factor

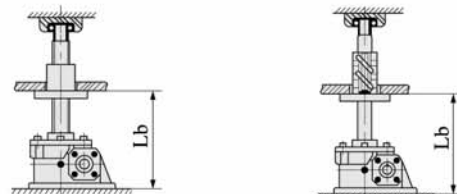
i: ratio

Lb : Distance between both supporting face

丝杆轴转速校验时，Lb (Lb值计算根据各型号尺寸) 与 fn (长度系数) 选取如下：



轴端自由 fn=0.36
Movable shaft end fn=0.36



轴端支撑 fn=1.56
Shaft end supporting fn=1.56

请确保：nc > ns

计算举例：JWM200UR-H1200PI在输入转速为1200r/min，轴端支撑下运转，根据外形尺寸与传动能力表查得：
d=49.3 Lb=1437

Ensure: nc > ns

Example for calculation:
Take JWM200UR-H1200PI as example, n1=1200r/min, connecting mode of top-end : I, we can know d=49.3, Lb=1437 referring to dimension and transmission capacity table.

$$n_s = \frac{n_1}{i} = \frac{1200}{8} = 150 \text{r/min}$$

$$n_c = \frac{96 \times f_n \times d \times 10^6}{L_b^2} = \frac{96 \times 1.56 \times 49.3 \times 10^6}{(1437)^2} = 3575 \text{r/min}$$

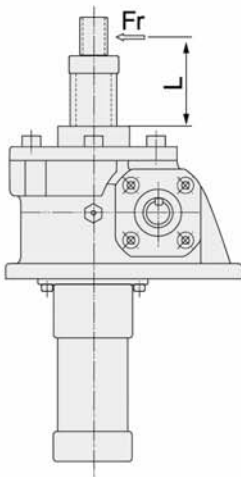
$$n_c = 3575 \text{r/min} > n_s = 150 \text{r/min} \dots \dots \text{ok.}$$



当有横向载荷时，请外加导向器。

When there is radial load, please add guiding device.

JWM 许用横向载荷 Permitted radial load $F_r(N)$:

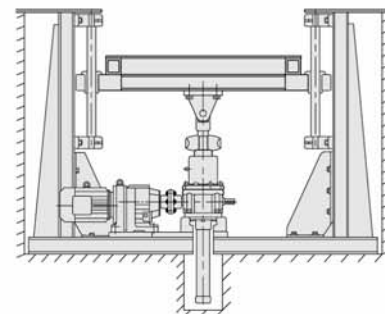
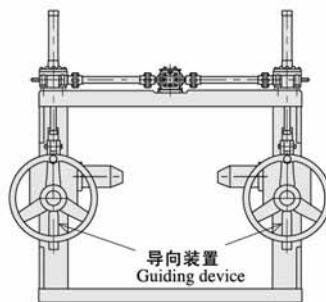


$F_r(N)$ L (mm)	Type	010	025	050	100	150	200	300	500	750	1000
100		318	570	2500	4010	4610	8210	38200	85300	73500	186200
200		159	290	1250	2010	2300	4110	23000	50400	56800	145000
300		106	190	830	1340	1540	2740	15300	33600	46100	104700
400		79	140	620	1000	1150	2050	11400	25200	39300	78500
500		64	110	500	800	920	1640	9100	20200	33900	62800
600		53	100	420	670	770	1370	7600	16800	29900	52300
700		51	90	360	570	660	1170	6500	14400	26700	44800
800		48	90	310	500	580	1030	5700	12600	24100	39200
900		45	90	280	450	510	910	5000	11200	22000	34800
1000		42	90	250	400	460	820	4500	10100	20200	31300

JW

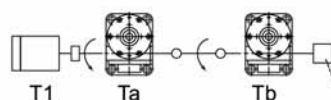
JWB或JWM超过许用横向载荷时，请外加导向装置，举例如下：

When operating radial load exceeds critical radial load, please add guiding device, for example,



当升降机传动配置为串联时(即同一轴线配置了两个或以上数量的升降机)如图须对各升降机输入轴端进行强度校核；

Please verify input torque of each Jack when several Jack are connected on the same input axial line as the following,



T_a : 为升降机a的所需输入扭矩

T_b : 为升降机b的所需输入扭矩

电机必需的扭矩 $T_1 = T_a + T_b <$ 升降机a的容许输入轴扭矩

T_a : Required torque of input shaft of jack a.

T_b : Required torque of input shaft of jack b.

Required torque of motor $T_1 = T_a + T_b <$

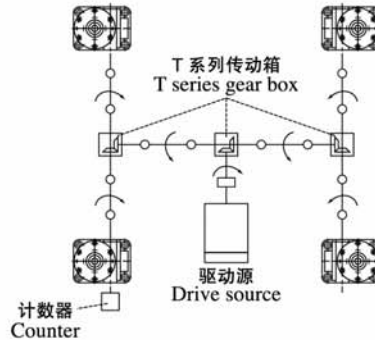
Permitted input torque of jack a.



升降机选择举例：

例题：4台连动押上用，结构如下图所示的4台连动模式，工厂内保持常温，有少许灰尘，有横向负荷在升降机侧面设置了导向器，安装状态采用底座固定，轴端采用一固定一支撑，电源为三相380V/50Hz，使用频率为2次/小时×8小时

- 1.最大轴向载荷:88.2 KN/4台
- 2.升降速度:10mm/s (600mm/min)
- 3.使用行程:260mm



Jack selection example:

Example: Four Jacks, linked as the following drawing, normal temperature, thin dust, radial load, with guiding devices on one side, foot-mounted, fixed the screw top-end, 380v/50Hz, service frequency: 2 times/hour, service time : 8 hours.

1. Maximum axial load ; 88.2KN/4 Jacks
2. Linear speed : 10mm/s (600mm/min)
3. Service journey : 260mm

升降机型号确定

- 1). 计算总机当量载荷 W_s (取被驱动设备系数为1.3)
- 2). 计算单台当量载荷 W

$$W_s = W_{\max} \cdot f_1 = 88200 \times 1.3 = 114660 \text{ N}$$

Determine Jack type,

- 1) Calculate total equivalent load W_s
(Factor for driven machine is 1.3)
- 2) Calculate equivalent load of single jack:

$$W = \frac{114660}{4 \times 0.85} = 33724 \text{ N}$$

- 3). 暂定型号：
考虑速度、效率、驱动源、载重后暂定选择 JWB050USH (参照基本参数表)
- 4). 行程校核：
使用行程为260mm，充分考虑余量后选定行程为300mm (参照JWB050US尺寸表)
- 5). 输入功率校核：
(1)所需输入功率计算：

- 3) Temporarily determine type,
Temporarily determine JWB050USH according to speed, efficiency, drive and Load (refer to basic parameter table)
- 4) Verify journey:
Service journey is 260mm, determine journey should be 300 after considering surplus.
(Please refer to dimension sheet of JWB050US).
- 5) Check input power:
(1) Calculate required input power:

$$\textcircled{1} n_1 = \frac{V}{L_1} \times i = \frac{0.60}{0.010} \times 6 = 360 \text{ r/min}$$

$$\textcircled{2} T_1 = \frac{W \times L_1}{2\pi \times i \times \eta} + T_0$$

$$\textcircled{3} P_1 = \frac{T_1 \times n_1}{9550}$$

$$= \frac{33724 \times 0.010}{2 \times 3.14 \times 6 \times 0.64} + 1.37 = 15.4 \text{ Nm}$$

$$= \frac{15.4 \times 360}{9550} = 0.58 \text{ kW}$$

(2)参照基本参数表, $P_{\max} = 2.2 \text{ kW} > P_1 \dots \dots 0 \text{ K}$

(2) Refer to basic parameter table, $P_{\max} = 2.2 \text{ kW} > P_1 \dots \dots 0 \text{ K}$

- 6). 丝杆稳定性校核：
因为施加压缩载荷，根据传动能力表及外形尺寸图得出：

- 6) Verify the stability of screw
For under axial load, refer to transmission table and dimension for the following figures,

$$d = 31.3 \quad L_a = 604 + 33 = 637 \quad f_m = 20 \times 10^4 \quad SF = 4$$

$$P_{CR} = f_m \times \left(\frac{d^2}{L_a} \right)^2 = 20 \times 10^4 \times \left(\frac{31.3^2}{637} \right)^2 = 473073 \text{ N}$$

$$P_F = \frac{P_{CR}}{SF} = \frac{473073}{4} = 118268 > W = 33724$$

... ..OK



JWM010

行程 (mm) Journey	US					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	101	201	161	261	194	5.5
200	101	301	161	361	294	5.7
300	101	401	201	501	434	6.1
400	101	501	201	601	534	6.3
500	101	601	236	736	669	6.6
600	101	701	236	836	769	6.9
800	101	901	271	1071	1004	7.5

行程 (mm) Journey	DS					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	25	125	75	175	194	5.5
200	25	225	75	275	294	5.7
300	25	325	115	415	434	6.1
400	25	425	115	515	534	6.3
500	25	525	150	650	669	6.6
600	25	625	150	750	769	6.9
800	25	825	185	985	1004	7.5

行程 (mm) Journey	UM					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	101	201	161	261	194	6.6
200	101	301	161	361	294	7.2
300	101	401	201	501	434	8.1
400	101	501	201	601	534	8.8
500	101	601	236	736	669	9.6
600	101	701	236	836	769	11
800	101	901	271	1071	1004	12

行程 (mm) Journey	DM					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	25	125	75	175	194	6.6
200	25	225	75	275	294	7.2
300	25	325	115	415	434	8.1
400	25	425	115	515	534	8.8
500	25	525	150	650	669	9.6
600	25	625	150	750	769	11
800	25	825	185	985	1004	12

行程 (mm) Journey	UR					
	X		Y	m (kg)		
	MIN	MAX				
100	108	208	246	5.9		
200	108	308	346	6.1		
300	108	408	446	6.2		
400	108	508	546	6.4		
500	108	608	646	6.6		
600	108	708	746	6.8		
800	108	908	946	7.2		

行程 (mm) Journey	DR					
	X		Y	m (kg)		
	MIN	MAX				
100	50	150	160	5.9		
200	50	250	260	6.1		
300	50	350	360	6.2		
400	50	450	460	6.4		
500	50	550	560	6.6		
600	50	650	660	6.8		
800	50	850	860	7.2		

注: X⁽¹⁾ 为防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM025

X向

X↓

X↓

JWM025US

X向

X↓

X↓

JWM025DS

行程 (mm) Journey	U S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	132	232	147	247	149	7.7
200	132	332	147	347	249	8.1
300	132	432	167	467	369	8.5
400	132	532	167	567	469	8.9
500	132	632	187	687	589	9.4
600	132	732	187	787	689	9.8
800	132	932	207	1007	909	11
1000	132	1132	227	1227	1129	12

行程 (mm) Journey	D S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	57	157	149	7.7
200	42	242	57	257	249	8.1
300	42	342	77	377	369	8.5
400	42	442	77	477	469	8.9
500	42	542	97	597	589	9.4
600	42	642	97	697	689	9.8
800	42	842	117	917	909	11
1000	42	1042	137	1137	1129	12

X向

X↓

X↓

JWM025UM

X向

X↓

X↓

JWM025DM

行程 (mm) Journey	U M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	132	232	147	247	175	10
200	132	332	147	347	275	12
300	132	432	167	467	395	13
400	132	532	167	567	495	14
500	132	632	187	687	615	15
600	132	732	187	787	715	17
800	132	932	207	1007	935	19
1000	132	1132	227	1227	1155	21

行程 (mm) Journey	D M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	57	157	175	10
200	42	242	57	257	275	12
300	42	342	77	377	395	13
400	42	442	77	477	495	14
500	42	542	97	597	615	15
600	42	642	97	697	715	17
800	42	842	117	917	935	19
1000	42	1042	137	1137	1155	21

J

B

I

M

X向

X↓

X↓

JWM025UR

X向

X↓

X↓

JWM025DR

行程 (mm) Journey	U R				L	m (kg)
	X		Y			
	MIN	MAX	MIN	MAX		
100	133	233	279	279	9.2	
200	133	333	379	379	9.5	
300	133	433	479	479	9.9	
400	133	533	579	579	11	
500	133	633	679	679	11	
600	133	733	779	779	11	
800	133	933	979	979	12	
1000	133	1133	1179	1179	13	

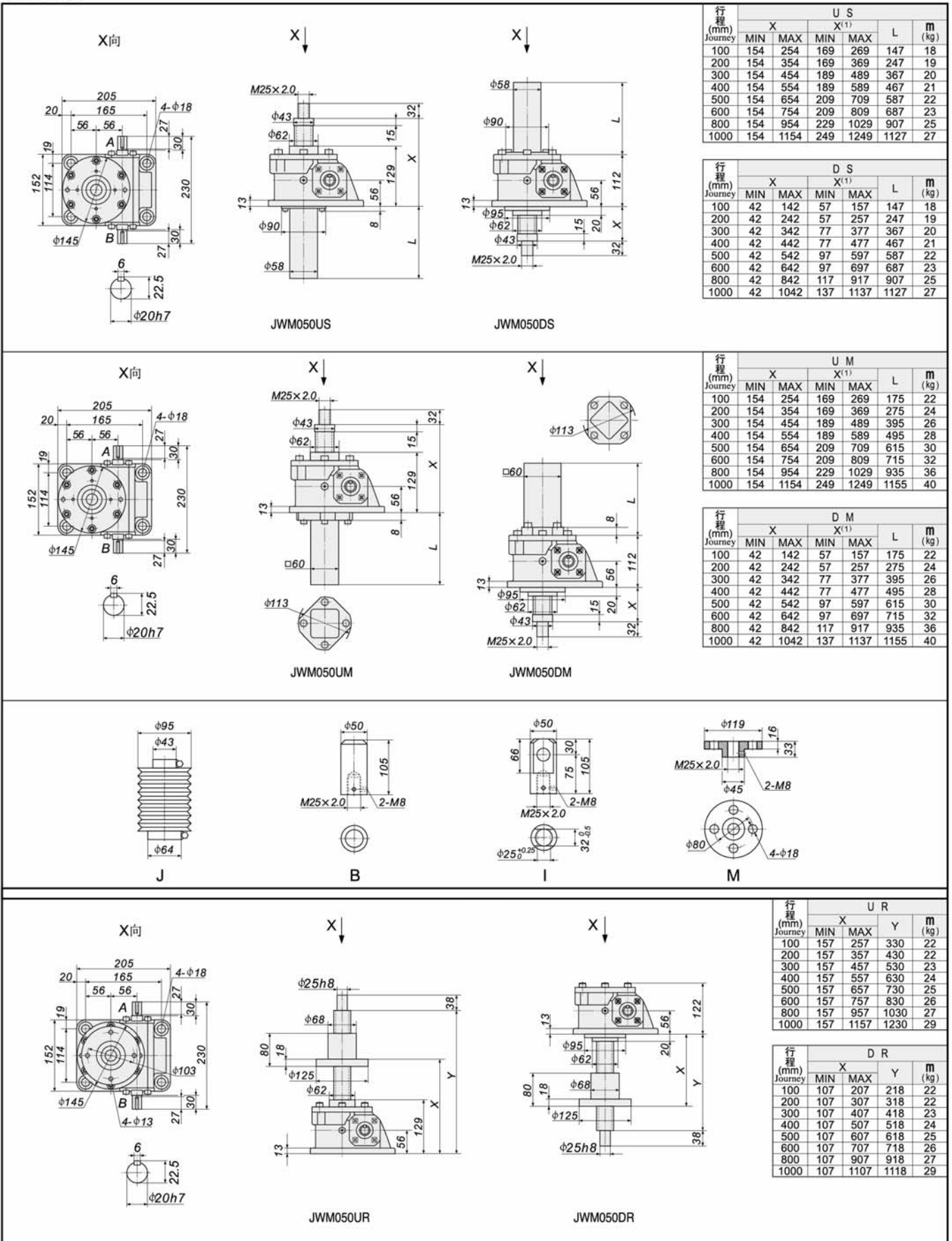
行程 (mm) Journey	D R				L	m (kg)
	X		Y			
	MIN	MAX	MIN	MAX		
100	79	179	189	189	9.2	
200	79	279	289	289	9.5	
300	79	379	389	389	9.9	
400	79	479	489	489	11	
500	79	579	589	589	11	
600	79	679	689	689	11	
800	79	879	889	889	12	
1000	79	1079	1089	1089	13	

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM050



注: X⁽¹⁾ 为防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM100

JWM100US

JWM100DS

行程 (mm) Journey	U S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	161	261	171	271	151	27
200	161	361	171	371	252	29
300	161	461	186	486	366	32
400	161	561	186	586	466	34
500	161	661	211	711	591	37
600	161	761	211	811	691	40
800	161	961	226	1026	906	45
1000	161	1161	236	1236	1116	50
1200	161	1361	261	1461	1341	56

JWM100UM

JWM100DM

行程 (mm) Journey	U M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	194	294	204	304	151	30
200	194	394	204	404	252	32
300	194	494	219	519	366	35
400	194	594	219	619	466	37
500	194	694	244	744	591	40
600	194	794	244	844	691	43
800	194	994	259	1059	906	48
1000	194	1194	269	1269	1116	53
1200	194	1394	294	1494	1341	58

JWM100UR

JWM100DR

行程 (mm) Journey	U R				L	m (kg)
	X		Y			
	MIN	MAX	MIN	MAX		
100	184	284	344	344	32	
200	184	384	384	444	33	
300	184	484	444	444	34	
400	184	584	504	444	36	
500	184	684	564	444	37	
600	184	784	624	444	38	
800	184	984	744	444	41	
1000	184	1184	864	444	43	
1200	184	1384	984	444	45	

行程 (mm) Journey	D M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	30
200	42	242	52	252	252	32
300	42	342	67	367	366	35
400	42	442	67	467	466	37
500	42	542	92	592	591	40
600	42	642	92	692	691	43
800	42	842	107	907	906	48
1000	42	1042	117	1117	1116	53
1200	42	1242	142	1342	1341	58

注：X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM150

JWM150US

JWM150DS

JWM150UM

JWM150DM

J B I M

JWM150UR

JWM150DR

行程 (mm) Journey	X		U S		L	m (kg)
	MIN	MAX	MIN	MAX		
100	183	283	193	293	151	33
200	183	383	193	393	252	35
300	183	483	208	508	366	38
400	183	583	208	608	466	41
500	183	683	233	733	591	45
600	183	783	233	833	691	47
800	183	983	248	1048	906	53
1000	183	1183	258	1258	1116	59
1200	183	1383	283	1483	1341	65

行程 (mm) Journey	X		D S		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	33
200	42	242	52	252	252	35
300	42	342	67	367	366	38
400	42	442	67	467	466	41
500	42	542	92	592	591	45
600	42	642	92	692	691	47
800	42	842	107	907	906	53
1000	42	1042	117	1117	1116	59
1200	42	1242	142	1342	1341	65

行程 (mm) Journey	X		U M		L	m (kg)
	MIN	MAX	MIN	MAX		
100	219	319	229	329	151	37
200	219	419	229	429	252	40
300	219	519	244	544	366	43
400	219	619	244	644	466	46
500	219	719	269	769	591	49
600	219	819	269	869	691	52
800	219	1019	284	1084	906	58
1000	219	1219	294	1294	1116	64
1200	219	1419	319	1519	1341	69

行程 (mm) Journey	X		D M		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	37
200	42	242	52	252	252	40
300	42	342	67	367	366	43
400	42	442	67	467	466	46
500	42	542	92	592	591	49
600	42	642	92	692	691	52
800	42	842	107	907	906	58
1000	42	1042	117	1117	1116	64
1200	42	1242	142	1342	1341	69

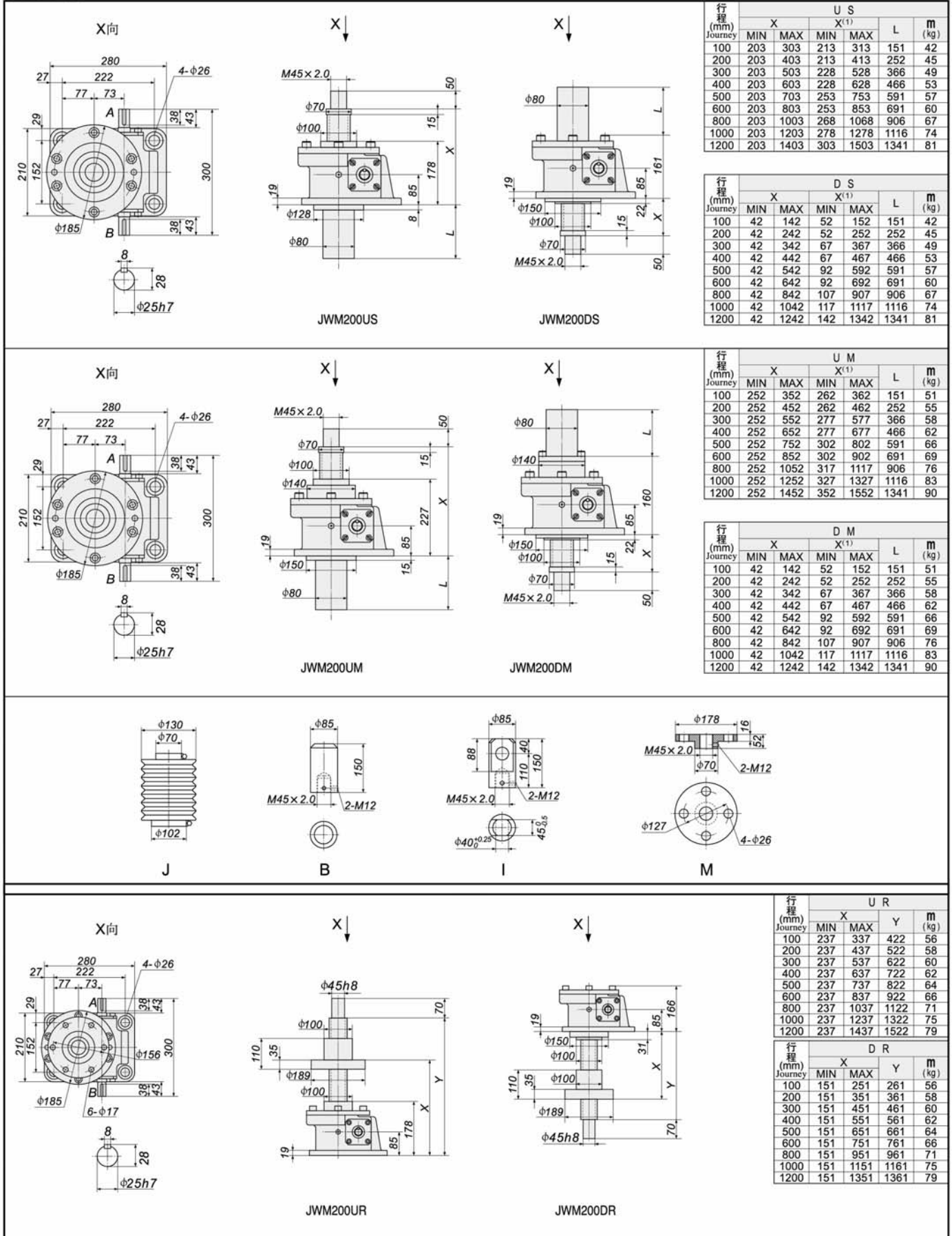


注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM200



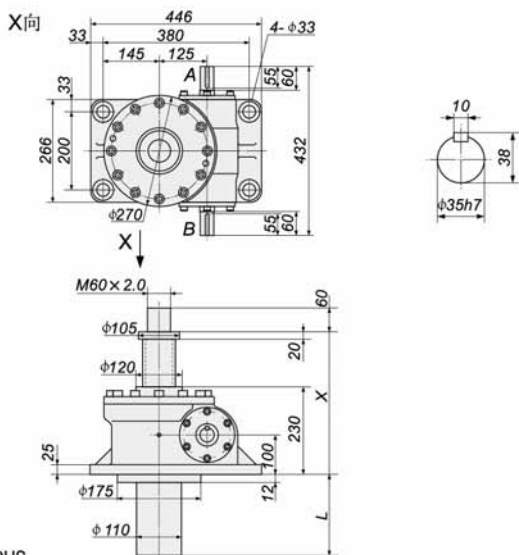
注：X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWM300

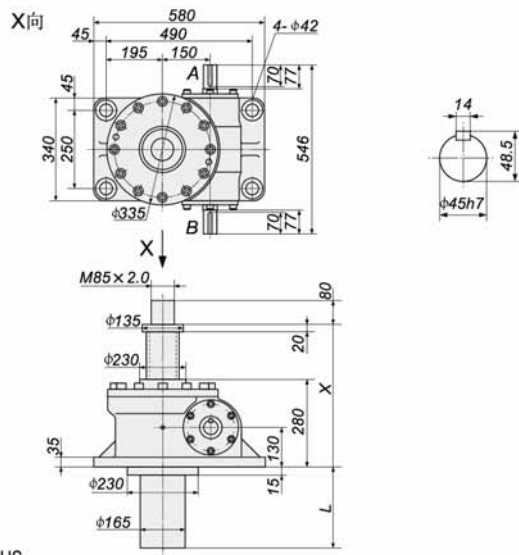
行程 (mm) Journey	U S					D S					m (kg)
	X		X ⁽¹⁾		L	X		X ⁽¹⁾		L	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX		
100	255	355	265	365	160	55	155	65	165	160	118
200	255	455	265	465	260	55	255	65	265	260	123
300	255	555	280	580	375	55	355	80	380	375	128
400	255	655	280	680	475	55	455	80	480	475	134
500	255	755	295	795	590	55	555	95	595	590	139
600	255	855	295	895	690	55	655	95	695	690	145
800	255	1055	310	1110	905	55	855	110	910	905	155
1000	255	1255	330	1330	1125	55	1055	130	1130	1125	167
1200	255	1455	340	1540	1335	55	1255	140	1340	1335	177
1500	255	1755	365	1865	1660	55	1555	165	1665	1660	194



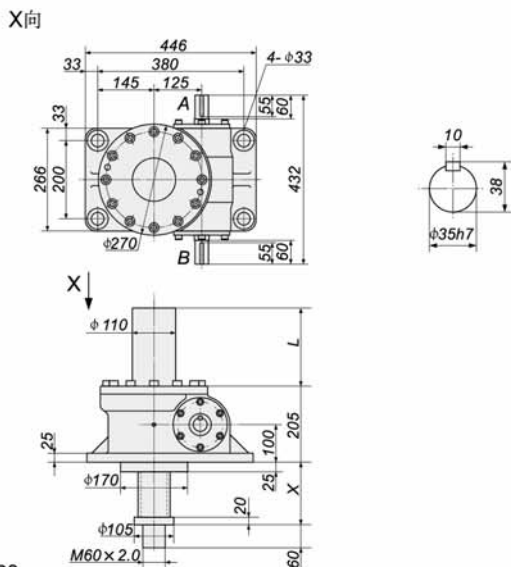
JWM300US

JWM500

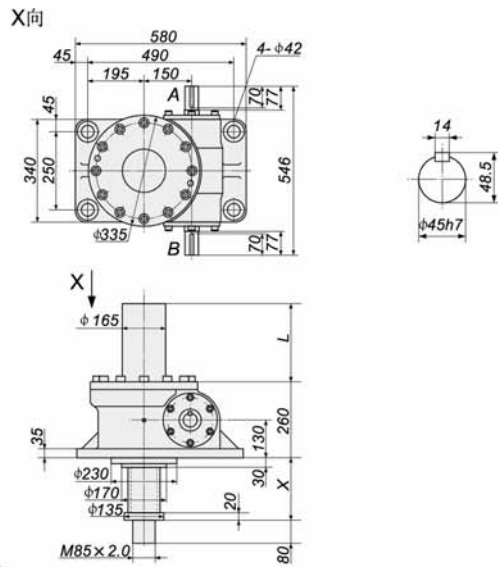
行程 (mm) Journey	U S					D S					m (kg)
	X		X ⁽¹⁾		L	X		X ⁽¹⁾		L	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX		
100	315	415	320	420	165	55	155	60	160	165	248
200	315	515	320	520	265	55	255	60	260	265	260
300	315	615	340	640	385	55	355	80	380	385	273
400	315	715	340	740	485	55	455	80	480	485	284
500	315	815	350	850	595	55	555	90	590	595	297
600	315	915	350	950	695	55	655	90	690	695	308
800	315	1115	365	1165	910	55	855	105	905	910	332
1000	315	1315	380	1380	1125	55	1055	120	1120	1125	357
1200	315	1515	390	1590	1335	55	1255	130	1330	1335	380
1500	315	1815	410	1910	1665	55	1555	150	1650	1665	417
2000	315	2315	445	2445	2190	55	2055	185	2185	2190	477



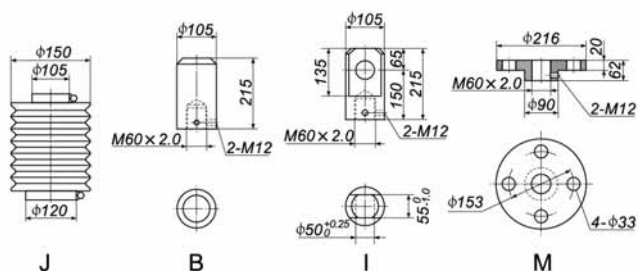
JWM500US



JWM300DS



JWM500DS

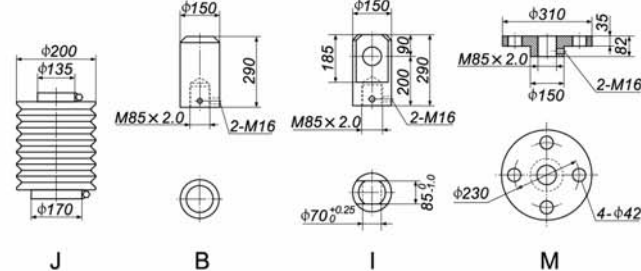


J

B

I

M



J

B

I

M

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB010

JWB010US

JWB010DS

行程 (mm) Journey	X		U S X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	162	262	212	312	194	6.7
200	162	362	212	412	294	7.0
300	162	462	252	552	434	7.4
400	162	562	252	652	534	7.6
500	162	662	287	787	669	8.0
600	162	762	287	887	769	8.2

行程 (mm) Journey	X		D S X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	25	125	75	175	194	6.7
200	25	225	75	275	294	7.0
300	25	325	115	415	434	7.4
400	25	425	115	515	534	7.6
500	25	525	150	650	669	8.0
600	25	625	150	750	769	8.2

JWB010UM

JWB010DM

行程 (mm) Journey	X		U M X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	162	262	212	312	194	7.5
200	162	362	212	412	294	8.2
300	162	462	252	552	434	9.1
400	162	562	252	652	534	9.8
500	162	662	287	787	669	11
600	162	762	287	887	769	12

行程 (mm) Journey	X		D M X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	25	125	75	175	194	7.5
200	25	225	75	275	294	8.2
300	25	325	115	415	434	9.1
400	25	425	115	515	534	9.8
500	25	525	150	650	669	11
600	25	625	150	750	769	12

JWB010UR

JWB010DR

行程 (mm) Journey	X		U R		Y	m (kg)
	MIN	MAX	MIN	MAX		
100	108	208	265	5.9		
200	108	308	365	6.1		
300	108	408	465	6.4		
400	108	508	565	6.6		
500	108	608	665	6.8		
600	108	708	765	7.0		

行程 (mm) Journey	X		Y	m (kg)
	MIN	MAX		
100	69	169	179	5.9
200	69	269	279	6.1
300	69	369	379	6.4
400	69	469	479	6.6
500	69	569	579	6.8
600	69	669	679	7.0

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB025

JWB025US

JWB025DS

JWB025USM

JWB025DSM

J B I M

JWB025UR

JWB025DR

行程 (mm) Journey	U S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	225	325	240	340	149	11
200	225	425	240	440	249	11
300	225	525	260	560	369	11
400	225	625	260	660	469	12
500	225	725	280	780	589	12
600	225	825	280	880	689	13
800	225	1025	300	1100	909	14

行程 (mm) Journey	D S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	57	157	156	11
200	42	242	57	257	256	11
300	42	342	77	377	376	11
400	42	442	77	477	476	12
500	42	542	97	597	596	12
600	42	642	97	697	696	13
800	42	842	117	917	916	14

行程 (mm) Journey	U M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	225	325	240	340	175	12
200	225	425	240	440	275	13
300	225	525	260	560	395	15
400	225	625	260	660	495	16
500	225	725	280	780	615	17
600	225	825	280	880	715	18
800	225	1025	300	1100	935	21

行程 (mm) Journey	D M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	57	157	182	12
200	42	242	57	257	282	13
300	42	342	77	377	402	15
400	42	442	77	477	502	16
500	42	542	97	597	622	17
600	42	642	97	697	722	18
800	42	842	117	917	942	21

行程 (mm) Journey	U R				m (kg)
	X		Y		
	MIN	MAX	MIN	MAX	
100	133	233	309	309	9.2
200	133	333	409	409	9.5
300	133	433	509	509	9.9
400	133	533	609	609	11
500	133	633	709	709	11
600	133	733	809	809	11
800	133	933	1009	1009	12

行程 (mm) Journey	D R				m (kg)
	X		Y		
	MIN	MAX	MIN	MAX	
100	108	208	219	219	9.2
200	108	308	319	319	9.5
300	108	408	419	419	9.9
400	108	508	519	519	11
500	108	608	619	619	11
600	108	708	719	719	11
800	108	808	819	819	12

注：X⁽¹⁾ 为加防尘罩时尺寸。

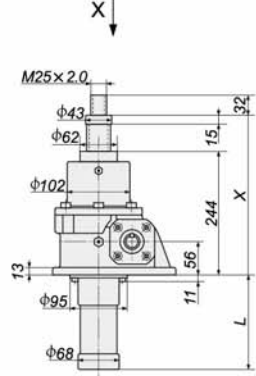
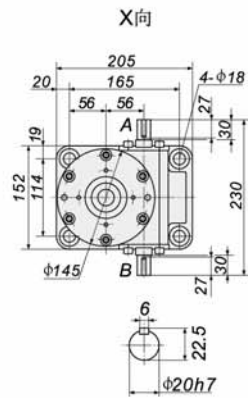
Note: "X⁽¹⁾" is the dimension of jack with dust hood.



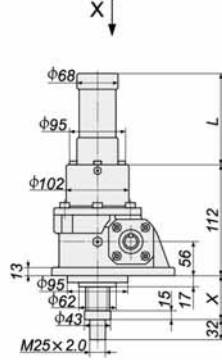
JWB050

行程 (mm) Journey	U S					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	269	369	284	384	147	23
200	269	469	284	484	247	23
300	269	569	304	604	367	24
400	269	669	304	704	467	25
500	269	769	324	824	587	26
600	269	869	324	924	687	27
800	269	1069	344	1144	907	29
1000	269	1269	364	1364	1127	30

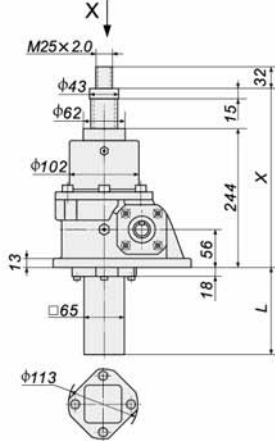
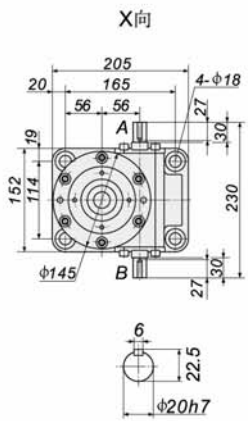
行程 (mm) Journey	D S					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	57	157	147	23
200	42	242	57	257	247	23
300	42	342	77	377	367	24
400	42	442	77	477	467	25
500	42	542	97	597	587	26
600	42	642	97	697	687	27
800	42	842	117	917	907	29
1000	42	1042	137	1137	1127	30



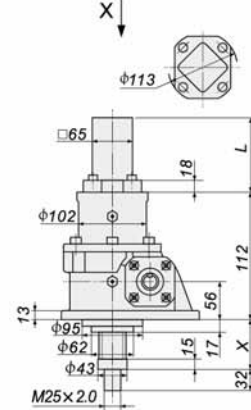
JWB050US



JWB050DS



JWB050UM

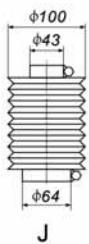


JWB050DM

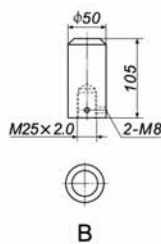
行程 (mm) Journey	U M					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	269	369	284	384	175	25
200	269	469	284	484	275	27
300	269	569	304	604	395	29
400	269	669	304	704	495	31
500	269	769	324	824	615	33
600	269	869	324	924	715	35
800	269	1069	344	1144	935	39
1000	269	1269	364	1364	1155	43

行程 (mm) Journey	D M					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	57	157	175	25
200	42	242	57	257	275	27
300	42	342	77	377	395	29
400	42	442	77	477	495	31
500	42	542	97	597	615	33
600	42	642	97	697	715	35
800	42	842	117	917	935	39
1000	42	1042	137	1137	1155	43

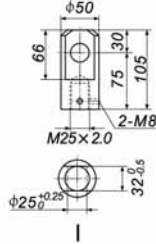
JW



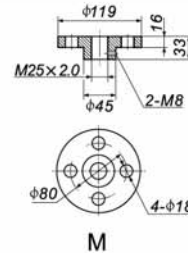
J



B



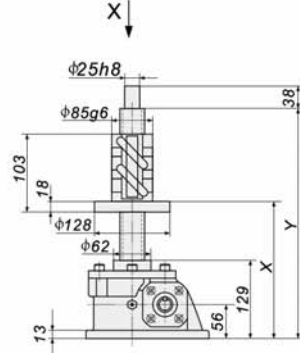
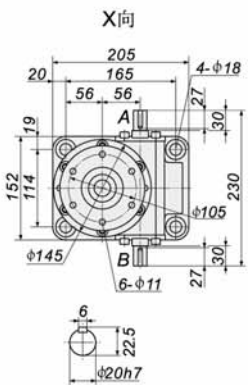
I



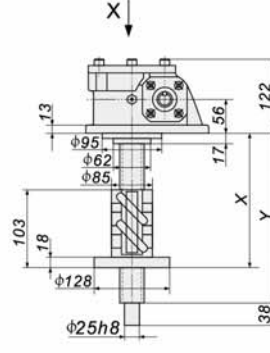
M

行程 (mm) Journey	U R				
	X		Y	m (kg)	
	MIN	MAX			
100	157	257	354	21	
200	157	357	454	22	
300	157	457	554	22	
400	157	557	654	23	
500	157	657	754	24	
600	157	757	854	24	
800	157	957	1054	26	
1000	157	1157	1254	27	

行程 (mm) Journey	D R			
	X		Y	m (kg)
	MIN	MAX		
100	130	230	242	21
200	130	330	342	22
300	130	430	442	22
400	130	530	542	23
500	130	630	642	24
600	130	730	742	24
800	130	930	942	26
1000	130	1130	1142	27



JWB050UR



JWB050DR

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB100

JWB100US

JWB100DS

JWB100UM

JWB100DM

J

B

I

M

JWB100UR

JWB100DR

行程 (mm) Journey	U S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	302	402	312	412	151	36
200	302	502	312	512	252	38
300	302	602	327	627	366	41
400	302	702	327	727	466	43
500	302	802	352	852	591	46
600	302	902	352	952	691	48
800	302	1102	367	1167	906	53
1000	302	1302	377	1377	1116	58
1200	302	1502	402	1602	1341	63

行程 (mm) Journey	D S				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	36
200	42	242	52	252	252	38
300	42	342	67	367	366	41
400	42	442	67	467	466	43
500	42	542	92	592	591	46
600	42	642	92	692	691	48
800	42	842	107	907	906	53
1000	42	1042	117	1117	1116	58
1200	42	1242	142	1342	1341	63

行程 (mm) Journey	U M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	302	402	312	412	192	39
200	302	502	312	512	292	42
300	302	602	327	627	407	45
400	302	702	327	727	507	48
500	302	802	352	852	632	52
600	302	902	352	952	732	55
800	302	1102	367	1167	947	61
1000	302	1302	377	1377	1157	67
1200	302	1502	402	1602	1382	74

行程 (mm) Journey	D M				L	m (kg)
	X		X ⁽¹⁾			
	MIN	MAX	MIN	MAX		
100	42	142	52	152	192	39
200	42	242	52	252	292	42
300	42	342	67	367	407	45
400	42	442	67	467	507	48
500	42	542	92	592	632	52
600	42	642	92	692	732	55
800	42	842	107	907	947	61
1000	42	1042	117	1117	1157	67
1200	42	1242	142	1342	1382	74

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB150

JWB150US

JWB150DS

JWB150UM

JWB150DM

J

B

I

M

JWB150UR

JWB150DR

行程 (mm) Journey	X		U S X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	342	442	352	452	151	46
200	342	542	352	552	252	48
300	342	642	367	667	366	51
400	342	742	367	767	466	54
500	342	842	392	892	591	57
600	342	942	392	992	691	60
800	342	1142	407	1207	906	65
1000	342	1342	417	1417	1116	70
1200	342	1542	442	1642	1341	76

行程 (mm) Journey	X		D S X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	46
200	42	242	52	252	252	48
300	42	342	67	367	366	51
400	42	442	67	467	466	54
500	42	542	92	592	591	57
600	42	642	92	692	691	60
800	42	842	107	907	906	65
1000	42	1042	117	1117	1116	70
1200	42	1242	142	1342	1341	76

行程 (mm) Journey	X		U M X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	342	442	352	452	221	52
200	342	542	352	552	321	55
300	342	642	367	667	436	59
400	342	742	367	767	536	62
500	342	842	392	892	661	66
600	342	942	392	992	761	69
800	342	1142	407	1207	976	75
1000	342	1342	417	1417	1186	82
1200	342	1542	442	1642	1411	89

行程 (mm) Journey	X		D M X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	221	52
200	42	242	52	252	321	55
300	42	342	67	367	436	59
400	42	442	67	467	536	62
500	42	542	92	592	661	66
600	42	642	92	692	761	69
800	42	842	107	907	976	75
1000	42	1042	117	1117	1186	82
1200	42	1242	142	1342	1411	89

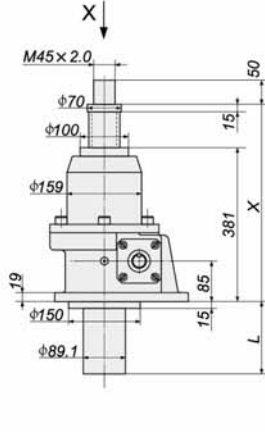
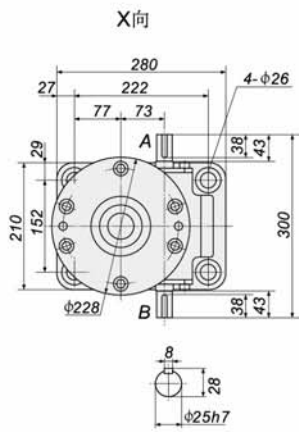
JW

注: X⁽¹⁾ 为加防尘罩时尺寸。

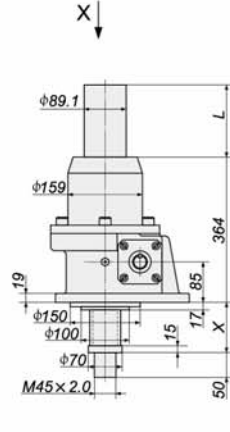
Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB200



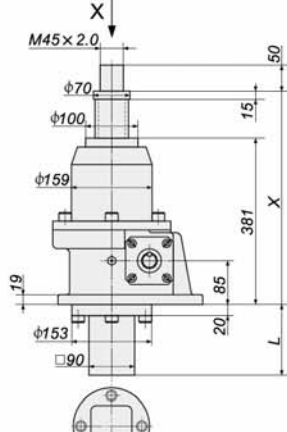
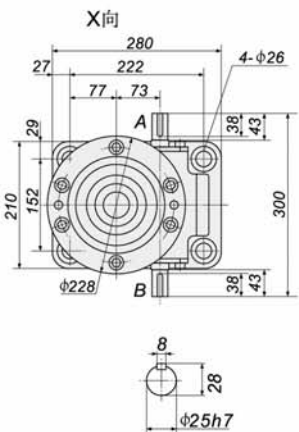
JWB200US



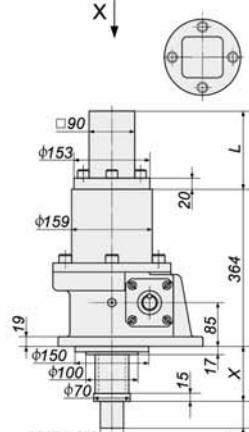
JWB200DS

行程 (mm) Journey	U S					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	406	506	416	516	151	65
200	406	606	416	616	252	68
300	406	706	431	731	366	72
400	406	806	431	831	466	76
500	406	906	456	956	591	80
600	406	1006	456	1056	691	83
800	406	1206	471	1271	906	90
1000	406	1406	481	1481	1116	97
1200	406	1606	506	1706	1357	105

行程 (mm) Journey	D S					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	151	65
200	42	242	52	252	252	68
300	42	342	67	367	366	72
400	42	442	67	467	466	76
500	42	542	92	592	591	80
600	42	642	92	692	691	83
800	42	842	107	907	906	90
1000	42	1042	117	1117	1116	97
1200	42	1242	142	1342	1357	105



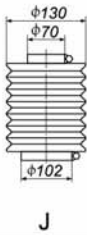
JWB200UM



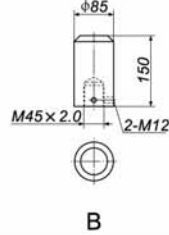
JWB200DM

行程 (mm) Journey	U M					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	406	506	416	516	230	72
200	406	606	416	616	330	76
300	406	706	431	731	445	80
400	406	806	431	831	545	84
500	406	906	456	956	670	89
600	406	1006	456	1056	770	93
800	406	1206	471	1271	985	102
1000	406	1406	481	1481	1195	110
1200	406	1606	506	1706	1420	119

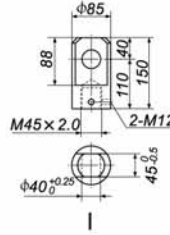
行程 (mm) Journey	D M					
	X		X ⁽¹⁾		L	m (kg)
	MIN	MAX	MIN	MAX		
100	42	142	52	152	230	72
200	42	242	52	252	330	76
300	42	342	67	367	445	80
400	42	442	67	467	545	84
500	42	542	92	592	670	89
600	42	642	92	692	770	93
800	42	842	107	907	985	102
1000	42	1042	117	1117	1195	110
1200	42	1242	142	1342	1420	119



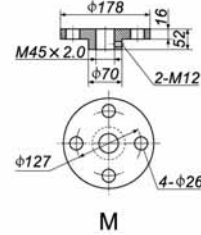
J



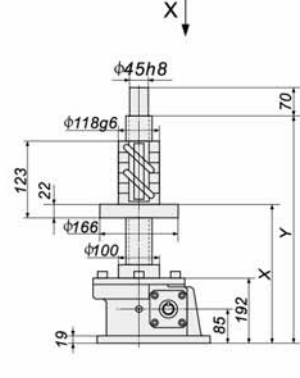
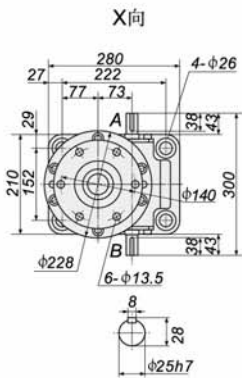
B



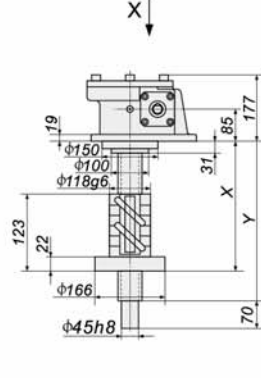
I



M



JWB200UR



JWB200DR

行程 (mm) Journey	U R					
	X		Y	L	m (kg)	
	MIN	MAX				
100	224	324	435	56	56	
200	224	424	535	58	58	
300	224	524	635	60	60	
400	224	624	735	62	62	
500	224	724	835	65	65	
600	224	824	935	67	67	
800	224	1024	1135	71	71	
1000	224	1224	1335	76	76	
1200	224	1424	1535	80	80	

行程 (mm) Journey	D R					
	X		Y	L	m (kg)	
	MIN	MAX				
100	164	264	274	56	56	
200	164	364	374	58	58	
300	164	464	474	60	60	
400	164	564	574	62	62	
500	164	664	674	65	65	
600	164	764	774	67	67	
800	164	964	974	71	71	
1000	164	1164	1174	76	76	
1200	164	1364	1374	80	80	

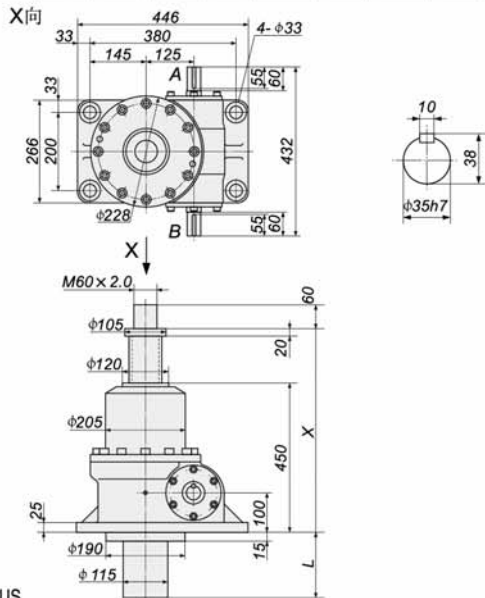
注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



JWB300

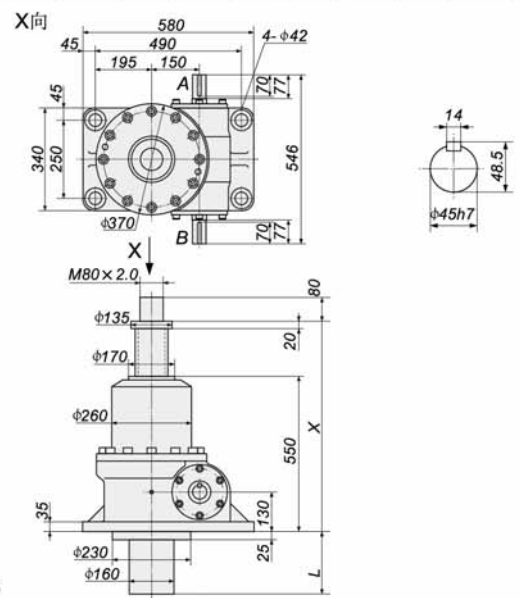
行程 (mm) Journey	U S					D S					m (kg)
	X		X ⁽¹⁾		L	X		X ⁽¹⁾		L	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX		
100	480	580	490	590	160	55	155	65	165	160	153
200	480	680	490	690	260	55	255	65	265	260	159
300	480	780	505	805	375	55	355	80	380	375	166
400	480	880	505	905	475	55	455	80	480	475	172
500	480	980	520	1020	590	55	555	95	595	590	178
600	480	1080	520	1120	690	55	655	95	695	690	184
800	480	1280	535	1335	905	55	855	110	910	905	197
1000	480	1480	555	1555	1125	55	1050	130	1130	1125	210
1200	480	1680	565	1765	1335	55	1255	140	1340	1335	223
1500	480	1980	590	2090	1660	55	1555	165	1665	1660	242



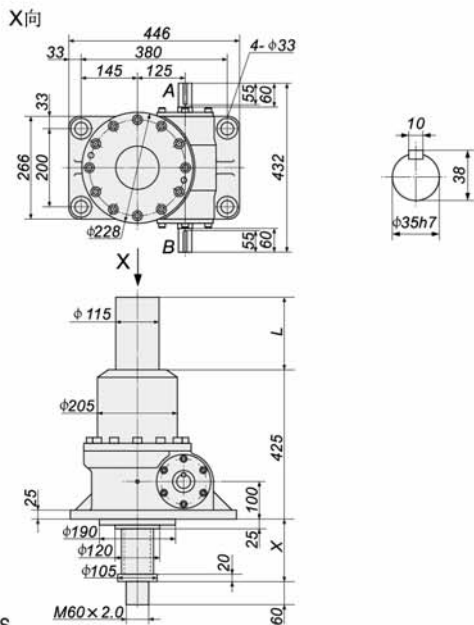
JWB300US

JWB500

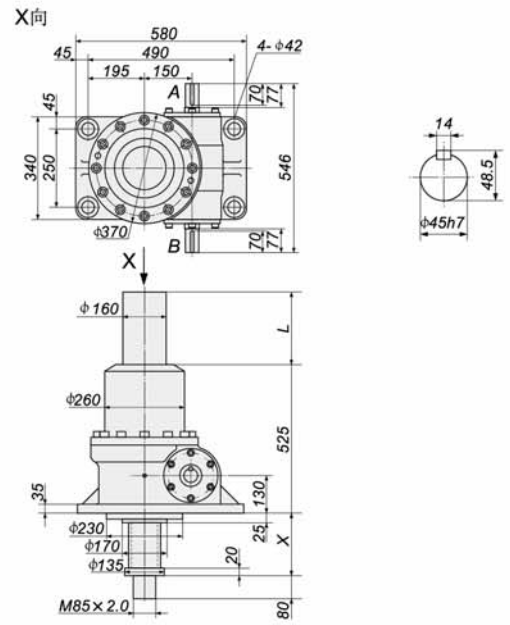
行程 (mm) Journey	U S					D S					m (kg)
	X		X ⁽¹⁾		L	X		X ⁽¹⁾		L	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX		
100	580	680	585	685	165	55	155	60	160	165	310
200	580	780	585	785	265	55	255	60	260	265	320
300	580	880	605	905	385	55	355	80	380	385	330
400	580	980	605	1005	485	55	455	80	480	485	340
500	580	1080	615	1115	595	55	555	90	590	595	350
600	580	1180	615	1215	695	55	655	90	690	695	359
800	580	1380	630	1430	910	55	855	105	905	910	378
1000	580	1580	645	1645	1125	55	1055	120	1120	1125	398
1200	580	1780	655	1855	1335	55	1255	130	1330	1335	417
1500	580	2080	675	2175	1665	55	1555	150	1650	1665	446



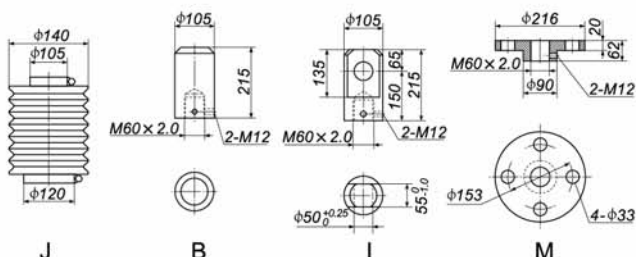
JWB500US



JWB300DS



JWB500DS

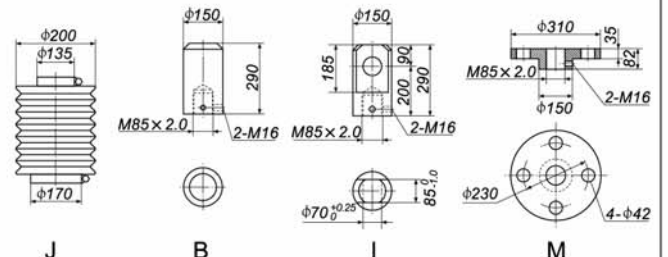


J

B

I

M



J

B

I

M

注: X⁽¹⁾ 为加防尘罩时尺寸。

Note: "X⁽¹⁾" is the dimension of jack with dust hood.



附件的确认:

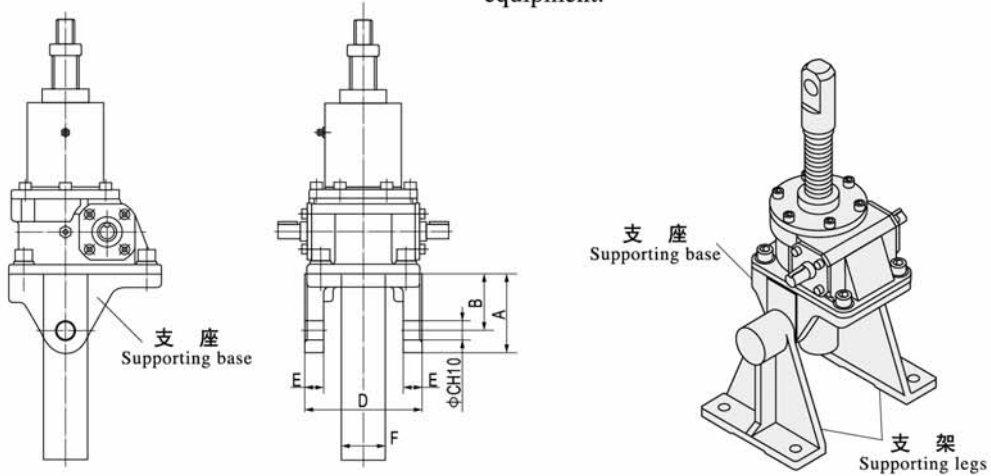
Accessory confirmation:

C型安装:

Support (Mode C mounting):

支座安装广泛应用于开关装置、倾斜装置。如图:

Support-mounted mode widely apply to tilting equipment.



型号	A	B	C	D	E	F
010	75	60	15	86	15	35
025	100	75	20	115	20	45
050	105	75	25	158	25	58
100	145	100	40	201	30	76.3
150	155	105	50	224	44	76.3
200	173	110	63	244	50	89.1

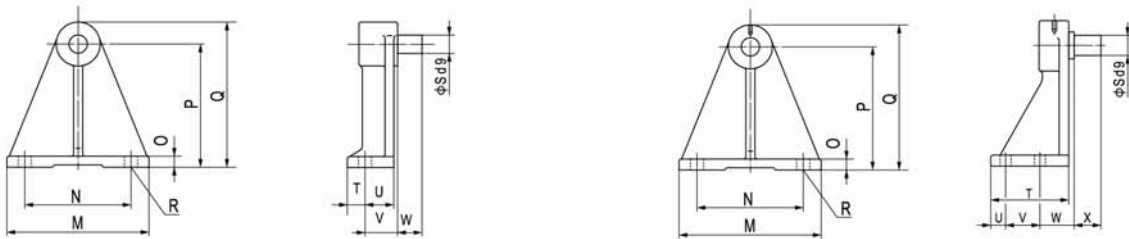
JW

支架

Supporting legs:

支座与支架配合, 实现多方位升降。

Matching supporting base and legs realizes multi-angles lifting and lowering.



JW010-JW050

JW100-JW200

型号	M	N	O	P	Q	R	S	T	U	V	W	X
010	180	130	15	150	178	2-φ18	15	25	40	45	17	-
025	180	130	15	150	178	2-φ18	20	25	40	45	30	-
050	200	150	15	170	200	2-φ18	25	25	40	45	35	-
100	280	220	22	240	290	4-φ22	40	159	30	70	70	55
150	360	280	27	300	360	4-φ33	50	195	40	85	85	70
200	400	320	30	380	450	4-φ33	63	210	40	90	90	75



手轮盘:

此件只适应于JWM型工作在冲击、振动不大的场合，
请不要应用在JWB结构中。
手动操作扭矩=所需输入扭矩/手轮操作盘半径

Hand wheel:

Hand wheel only apply to JWM under light
shock or vibration condition but not for JWB.
 $M_{handwheel} = M_{required} / r_{handwheel}$

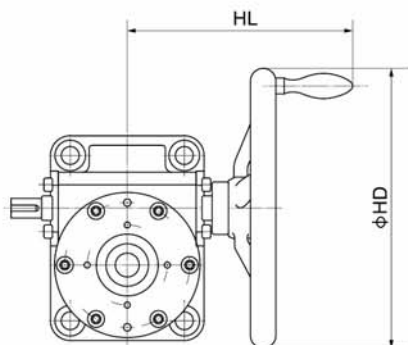
型号表示:

JWM025US-H200MI

- NV100

升降机型号 (见329页)
Refer to 329页

手轮盘型号
Hand wheel mode



尺寸表:

Dimension sheet:

(mm)

型号 Type	NV80		NV100		NV200		NV250		NV450	
	HD	HL	HD	HL	HD	HL	HD	HL	HD	HL
JWM010	80	122	100	125	—	—	—	—	—	—
JWM025	—	—	100	140	200	198	—	—	—	—
JWM050	—	—	—	—	200	221	250	229	—	—
JWM100	—	—	—	—	—	—	250	242	450	295
JWM150	—	—	—	—	—	—	250	247	450	300
JWM200	—	—	—	—	—	—	—	—	450	304

JW

注: 手轮为外购件, 以定货时实物尺寸为准。

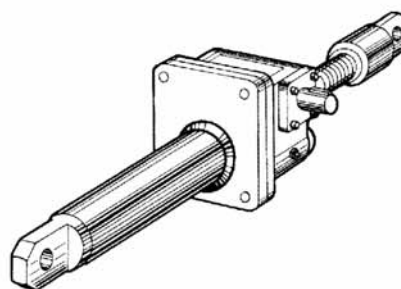
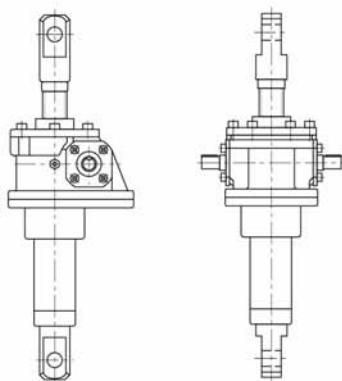
Note: The dimension of hand wheel is subject to product
purchased from other factories.

双头输出:

适用于开闭装置、反转装置。

Double end output:

Apply to open and close devices, reversing devices.





组合型式:

Combination of JW series:

电机直联:

Direct-connected-motor:

型号表示 Illustration of types:

JWM050US-H200MI

-

Y

-

0.55

-

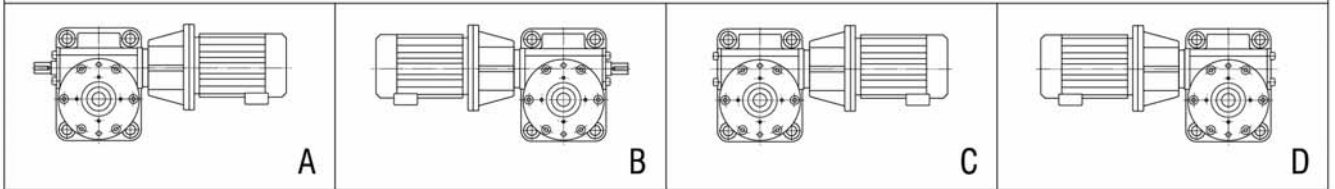
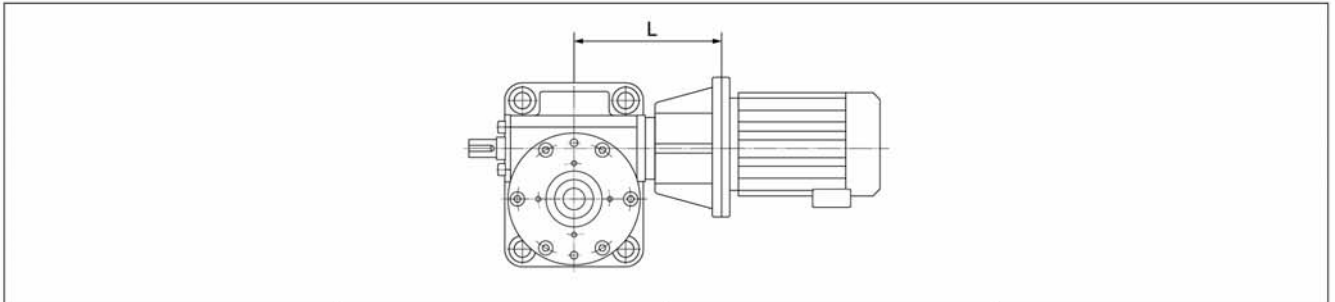
A

升降机型号 (见329页)
Refer to 329页

电机代号
Motor mode

电机功率
Motor power

配置形式
Combination



JW

型号	JWM010				JWM025						JWM050					
电机功率 (kW) Motor Power	0.12	0.18	0.25*	0.37*	0.12	0.18	0.25	0.37	0.55*	0.75*	0.25	0.37	0.55	0.75	1.1*	1.5*
L (mm)	136				142						170					

型号	JWM100						JWM150						JWM200					
电机功率 (kW) Motor Power	0.37	0.55	0.75	1.1	1.5	2.2*	0.55	0.75	1.1	1.5	2.2*	3*	0.75	1.1	1.15	2.2	3	4*
L (mm)	225						232						260					

- 注: 1.电机功率的选择应符合传动能力表;
2.表中所列功率为4极电机功率;
3.当与所联电机为6极或标有“*”的电机为变频、制动时,因电机过重,应选择带有底脚安装的电机。

- Note: 1. Motor power must accord with JM basic parameter table.
2. 4-pole motor power are available in the table.
3. 6-pole motors or “*” frequency conversion and braking motors should be foot-mounted for their heavy weight.

与减速电机组合式 Combination with gear motor:

型号表示 Illustration of types:

JWM050US-H200MI-R37-5-Y-0.55

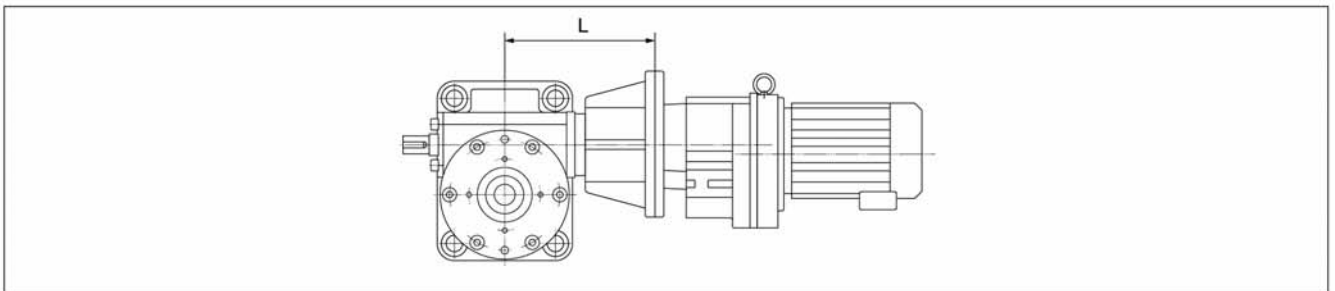
-

A

见329页
Refer to 329页

见减速机表示方法
Illustration of the gear motor

配置形式
Combination



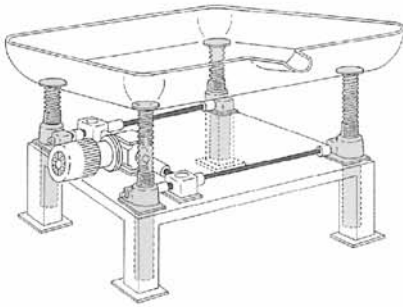
注: 当直联的减速电机重量过重时, 请咨询我司。

Note: If gear motor is over weight, consult us please.

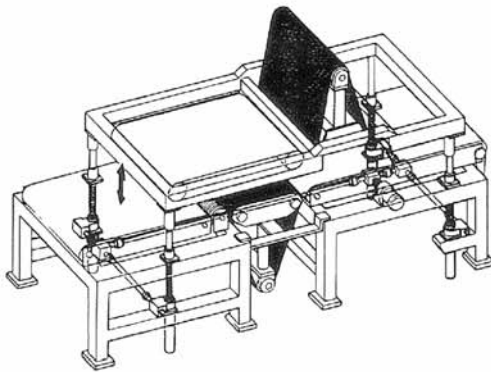
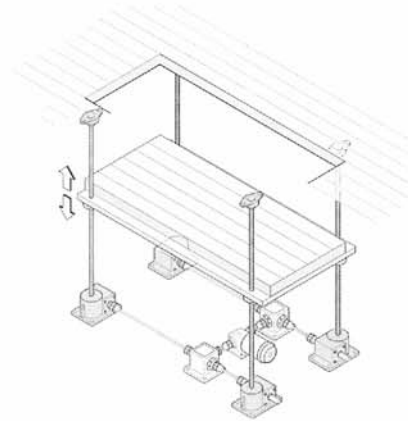


应用举例

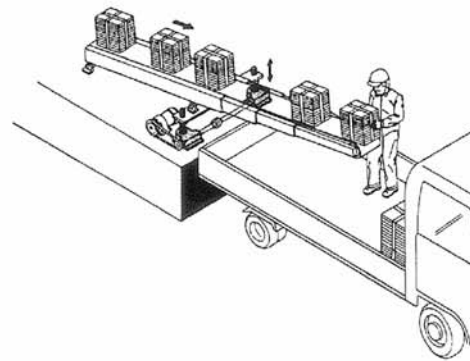
Application example:



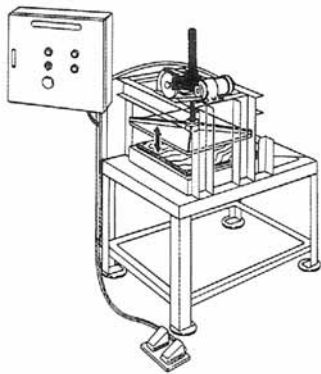
平台升降
Ascending and descending of flat slab



调整表面加工机的工作高度
Adjust operation height of surface machining tool



调整滑动传送带的倾斜程度
Adjust inclination pitch of conveyer apron



更改校正器的作业高度
Operation height of straightening machine



大型窗户（门）自动开关
Automatic switch on large windows (doors)