

摆线针轮减速机 Cycloid reducer

一、前 言 FOREWORD

行星摆线针轮减速机,是一种应用行星传动原理,采用摆线针齿啮合,设计先进,结构新颖的减速机构。 该减速机可以广泛应用于各种传动机械中的减速机构,如:起重、运输、矿山、冶金、石化、纺织、印染、轻工、制药、粮食、饲料、食品机械等等。

Planet cycloidal pin gear reducer is a speed reducing construction with advance design, novel structure adopting the principle of planet driving and the falling-in of cycloidal pin gear, This reducer can be widely applied to the speedreducing structure of various driving machineries, such as; lift, transportation, mine, metallurgy, petrolchemical, texitile, prention, light industry, pharmacy, food, forage, food machinery, tec.

二、传动原理与结构 DRIVING PRINCIPLE & CONSTRUCTION

行星摆线针轮减速机的传动原理如图1如示:

输入轴1和转臂3一起绕中心Ob顺时针方向回转时,摆线轮2即随转臂一道绕中心Ob公转。由于固定在针齿壳5上的针齿的反作用使摆线轮绕其本身中心OC逆时针方向自转,并通过销套销轴将其自转等速传递给输出轴4,故输出轴就得到了与输入轴相反转向的运动(输入轴转动一周,输出轴摆线轮转动-1/Ec周),其减速比为:

The Driving Principle of Planet cycloidal pin gear reducer is showed in the diagram 1.

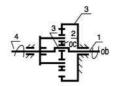
When input shaft 1 and rotating arm 3 are rotating around the OB Axis in chocdwise the cycloidal gear 2 will rotate around the Sxis OB togethert the rotating arm. The cycloidal gear will self-rotating around OC in countclockwise due to the counteraction of pin gear fixing in the pin gear shell 5, meanwhile, the self-rotation speed will be passed to output shaft 4 through pin shaft, as result, the output obtain the contrary movement against input shaft. (When input shaft rotate one cycle, the output cycloidal grat will rotate -1/EC cycle.), its velocity-reducing ratio is:

i=(Ec-Eb)/Ec=-1/Ec 其中: Ec-Eb)=-1 i=(Ec-Eb)/Ec=-1/Ec among it: Ec-Eb=-1

Ec--摆线轮齿数 Eb--针齿齿数 Ec-Tooth No. If cycloidal gear, Eb-pin gear No.

由上式可知当输入轴转Ec转时输出轴则反向转1转

According to above formula, shen input shaft rotate Ec cycles, the output shaft will rotate one cycle in counterdirection.



1.输入轴1.Input shaft2.摆线轮2.Cycloidal gear3.转臂3.Rotating arm4.输出轴4.Output shaft5.针齿壳5.Pin gear shell

图1 传动原理 Siagram 1 Driving Principte

行星摆线针轮减速机全部传动装置可分为三部分:输入部分;减速部分;输出部分。
The entire Driving Assembly can be divided into three parts; input part; speed-reducing part; output part.

三.特点 CHARACTERISTICS

- 1、减速比大; 一级减速时速比为1/11 1/87; 二级减速时速比为1/121 1/5133; 三级减速时速比为1/2057 1/446571; 根据需要可以采用更多级组合。
 - 2、传动效率高:由于该机啮合部位采用了滚动啮合,故效率可达90%以上。
- 1. Big Volecity-Reducing Ratio: for single-stage speed-reducing, the ratio is 1/11 1/87; double-stage speed-reducing, the ratio is 1/121 1/5133; three-stage speed reducing, the ratio is 1/2057 1/446571; we can adopt more-stages compound according the requirement.
 - 2. High Driving efficiency: the driving effciency can reach above 90% due to adopting rolling engagement in falling-in part.



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- 3、体积小,重量轻:由于不仅采用了行星传动原理,输入轴和输出轴在同一轴线上,而且有与电动机直联呈一体的独特之处,因而本机具有结构紧凑,体积小,重量轻的特点。
- 4、故障少,寿命长:本机主要转动啮合件采用轴承钢制造,因此机械性能好,耐磨性好,再加采用滚动摩擦,故使之故障少,寿命长。
 - 5、运转可靠平稳,本机传动过程中为多齿啮合,所以使之运转平稳可靠,噪声小。
 - 6、拆装方便,容易维修:由于结构设计合理拆装简单便于维修。
 - 7、本机还具有过载能力强,耐冲击、惯性力矩小、适用于起动频繁和正反转的特点。
- 3. Small volume, light weight: this machine has compacted structure, small volume and light weight because of adopting the priciple of planet driving so that the input shaft and output shaft in the same axis, moreover, they will integrated with the motor.
- 4. Few troubles, long life: this machine has good resistance to abrasion because the main driving engaging parts are made of bearing steel and applying rolling friction.
- 5. Stable Running: For most driving procedure, we adopt multi-teeth falling-in. so the running will be stable and little noise.
 - 6. Convenient dismounting, easy maintanance: Due to reasonable structure and design.
- 7. This machine also are of the characteristics such as strong overloading ability, anti-compact, Samll inertial moment, which are suitable for frequently start and double-side rotation.

四、技术规格 TECHNICAL DATA

1、机型号: Frame size

按机型分为: Z系列X系列和B系列

按传动比分为:一级、二级、三级

一级Z系列X系列有11种: 1、2、3、4、5、6、7、8、9、10、11;

B系列有9种: 0、1、2、3、4、5、6、7、8;

两级有10种: 42、53、63、74、84、85、95、106、116、117;

三级有10种: 642、742、842、852、853、952、953、1063、1164、1174;

按结构型式分为: 卧式、立式、双轴型、直联型四种。

以上是我公司生产的标准减速机,此外,为了满足用户需要还可以承接非标设计制造。

Divided into Z series, X series and B serise according to Frame size.

Divided into single stage, double stage and three-stage according to Driving Ratio.

Among single stage Z series X series, they are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11;

B series they are: 0, 1, 2, 3, 4, 5, 6, 7, 8;

The double stage they are: 42, 56, 63, 74, 84, 85, 95, 106, 116, 117;

The three stage, they are: 642, 742, 842, 852, 853, 952, 953, 1063, 1164, 1174;

Divided into horizontal-type, vertical-type, double-shaft and direct-connection type according to their construction.

The above are the standard speed-reducer of our company, furthermore, customer's special order also can be accepted;

2、减速比: Drive ratio

一级减速比有:标准速比:11、17、23、29、35、43、59、71、87; 非标速比:9、13、15、25、46;

Single Stage Drive Ratio:

Standard ratio are: 11, 17, 23, 29, 35, 43, 59, 71, 87;

Non-standard ratio are: 9, 13, 15, 25, 46;



- 二级减速比有: 121、187、289、391、473、493、595、731、841、1003、1225、1505、1849、2065、2537、3481、5133
 - 三级减速比有: 2055-446571

Double Stage Driver Ratio: 121, 187, 289, 391, 473, 493, 595, 731, 841, 1003, 1225, 1505, 1849, 2065, 2537, 3481, 5133.

The above are the standard speed-reducer of our factory, furthermore, customerís special order also can be accepted. Three stage transmission ratio: 2055-446571

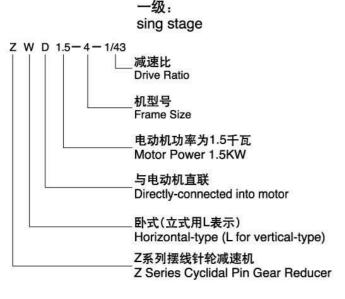
说明:

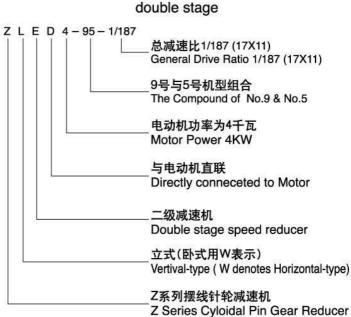
- (1)型号表示方法示例中无字母 "D或Y" 者为双轴型, 有字母 "D或Y" 者为电动机直联型。
- (2)在两级和三级减速机中各级减速比的组合,原则上以第一级(高速端)为减速比小的一端,而第二级或 第三级(即低速端)为减速比大的一端。
- (3)Z系列X系列电动机功率表示在前,机型号表示在后,其他系列则相反。 Description:
- (1) In the construction of model No.ìDî or ìYî denote the motor direct-commection type, non ìDî or ìYî denote the double shaft type.
- (2) In the compound of driving ratio between Double stage and Three Stage, principly, the samll ratio should be the ifirst stage (high speed side), and the big ratio should be the second stage or third stage (low speed side).
 - (3) For Z Series and X Series, the power denotes at front, the frame size at behind, for other series, contrary.
- 3、摆线针轮减速机动力源配置规定: Type of power Source to be equipped

普通电动机-D	调速电机-T	油马达-M
Normal Motor-D	Speed-regulating Motor-T	Oil Motor-M
防爆电机-B	制动电机-N	本公司目前生产的摆线减速机均采
Anti-explosion Motor-B	Braking Motor-N	用Y系列电动机配套。
直流电机-Z DC Motor-Z	低噪声电机-S Low-noise Motor-s	All the cycloidal speed reducer of our company are equipped by Y Series Motors.

4、型号表示方法: Construction of model

Z系列(等同国家标准)Z Series (equivalent to state standard)

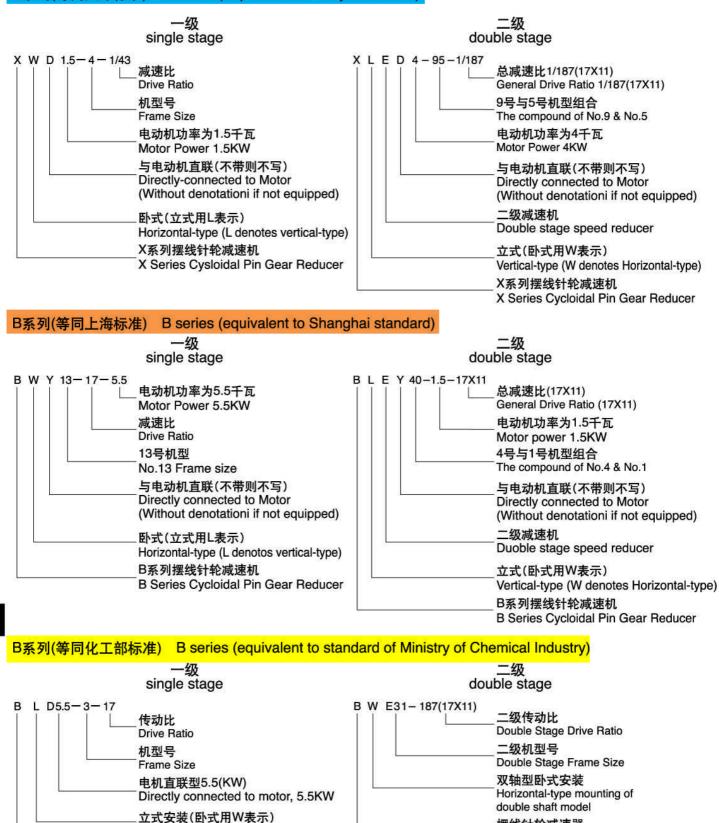




二级:

摆线针轮减速机 Cucloid reducer

X系列(等同天津标准) X series (equivalent to Tianjin standard)



Vertically mountin

摆线针轮减速机

(W denotes Horizontal type)

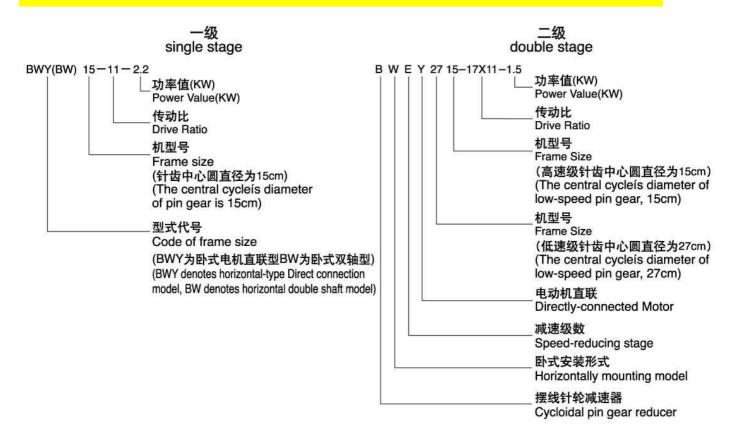
Cycloidal pin gear reducer

摆线针轮减速器

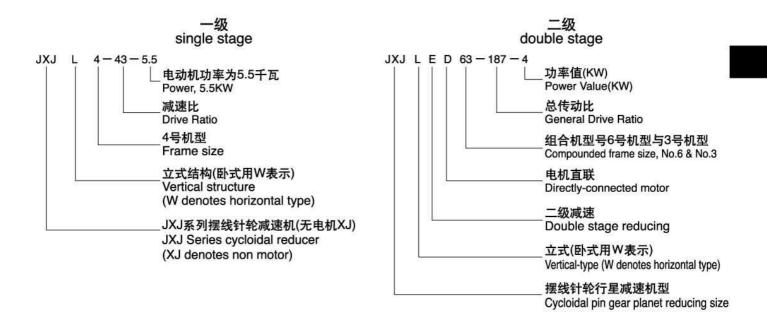
Cycloidal pin gear reducer



B系列(等同机械部标准) B series (equivalent to Standard of Ministry of Machine-Building Industry)



JXJ系列(等同江门标准) JXJ series (equivalent to Jiangmen standard)





5、单级减速机的各系列机型对照及技术参数表

Single stage Reducer Contrast different Frame Size and technical data:

表一 Table 1

O9	o olago modadon	Contract amorent i ram	0 0.20	and to	or in inou	· uuiui						ne	iable i
	Z系列(等同国家标准 Z series (equivalent		1	2	3	4	5	6	7	8	9	10	11
Contra	X系列(等同天津标准 X series (equivalent		1	2	3	4	5	6	7	8	9	10	11
各系列机型对照 Contrast of different frame size	B系列(等同上海标准 B series (equivalent	ŧ) to Shanghai standard)	09	10	11	12	13	14		15	16	17	18
各系列机型对照 st of different fran	B系列(等同化工部标 B series (equivalent of chemical Industry)	to Standard of Ministry		0	1	2	3	4		5	6	7	8
ne size	B系列(等同机械部标 B series (equivalent of Machine-Building	to Standard of Ministry		12	15	18	22	27		33	39	45	55
	JXJ系列(等同江门标 JXJ series (equivaler	示准) nt to Jiangmen standard)		0	1	2	3	4		5	6		
Outs Onix	Input Input Machine Put shaft rotating speed(Infin) four poles/six pole e Ratio	A STATE OF THE STA	70	150	250	500	1000	2000	2300	3700	5700	12000	17000
17	11	136	0.55	0.75	2.2								
		91	0.25	0.55	1.5	4	7.5		15		22		55
	491	88	0.55	0.75		3	5.5		11	18.5	18.5	45	45
	17	59	0.25	0.55	1.5			11		15		37	
	121	60	0.37	0.75	1.1			7.5					
	23	40	0.25	0.55		2.2	5.5						45
-1	Disposa	52	0.25	0.55		1.5	4		11		18.5	30	37
	29	35			1.1				7.5	15	15	22	
		43	0.25	0.55	0.75		4	7.5		11			
	35	29		0.37		1.5	3	5.5				22	37
0.3	1001	38				1.1	3	5.5	7.5	11	15	18.5	30
	43	23					2.2	4	5.5	7.5	11		
43	A02/0.77	25			Valueties to a	1.1	2.2	4		7.5	11		30
	59	17	0.25	0.25	0.55	0.75	1.5	3	5.5	5.5	7.5	15	22
		21	ÿ.					3	4		7.5	11	22
	(71)	14						2.2	100	5.5	5.5	25504	18.5
-		17	2.			0.75	1.5	0.00000	4	4	5.5	900	18.5
	87	12						2.2	3		4	11	15
10			b //			12 3	L	0.00	1	13 6		D 0	0.000

说明: 1.表中15千瓦以下的均用4极电动机(1500转/分),18.5千以上的用6极电动机(1000转/分)。 2.非标减速机的输入功率,靠近标准减速比配置。

Instruction:

^{1.} Below 15KW using four-pole motor (1500r/min), above 18.5KW using six-pole motor (1000r/min).

^{2.} The non-standardized reducer's input power should be equipped close the standardized reducer.



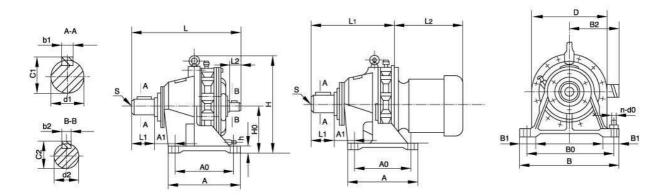
6、两级减速机的各系列机型对照及技术参数表 Double stage Reducer Contrast different Frame Size and technical data:

表二 Table 2

	Z系列(等同国家标准) Z series (equivalent to State standard)	31	42	53	63	74	84	85	95	106	116	117
Contra	X系列(等同天津标准) X series (equivalent to Tianjin standard)	31	42	53	63	74	84	85	95	106	116	117
St of d	B系列(等同上海标准) B series (equivalent to Shanghai standard)	1109	120	131	141		152	153	163	174	184	
列机型对	B系列(等同化工部标准) B series (equivalent to Standard of Ministry of chemical Industry)		20	31	41		52	53	63	74	84	
各系列机型对照 Contrast of different frame size	B系列(等同机械部标准) B series (equivalent to Standard of Ministry of Machine-Building Industry)		1812	2215	2715		3318	3322	3922	4527	5527	
Ze	JXJ系列(等同江门标准) JXJ series (equivalent to Jiangmen standard)		20	31	41		52	53	63			
	输入转速 Input speed						1500r/mi	n				
输 出转速 r/min Output Speed r/min	輸入功率(KW) Input Power(KW) 減速比 Drive Ratio	250	500	1000	2000	2700	4500	4500	9000	12000	20000	20000
12.4	121 (11X11)	0.37	1.1	1.5	1.5	3	3	5.5	5.4	11	11	11
	** **	0.25	0.75	1.1	1.1	2.2	2.2	3	4	7.5	7.5	7.5
8.0	187 (17X11)	0.37	0.75	1.1	1.5	3 2.2	3 2.2	4	5.5	7.5	11	11
		0.25	0.55	0.75 0.75	1.1	2.2	2.2	3	4	5.5	7.5	7.5
5.2	289 (17X17)	0.18	0.55	0.75	0.75	1.5	1.5	2.2	3	7.5 5.5	7.5 5.5	7.5 5.5
10000000		0112	- Line Control Control	0.75	1.1	1.5	2.2	3	4	7.5	7.5	7.5
4.7	319 (29X11)		0.37	0.55	0.75	1.1	1.5	2.2	3	5.5	5.5	5.5
2.0	470 (40)(44)		0.25	0.55	0.75	1.1	1.5	2.2	3	5.5	5.5	5.5
3.2	473 (43X11)		0.25	0.37	0.55	0.75	1.1	1.5	2.2	4	4	4
2.5	595 (35X17)		0.25	0.55	0.55	0.75	1.5	1.5	2.2	4	5.5	5.5
2.0	555 (55X17)	8 :	0.20	0.37	0.37	0.55	1.1	1.1	1.5	3	4	4
2.0	731 (43X17)		0.25	0.37	0.55	0.75	1.1	1.5	2.2	4	4	4
M915-04			WENTERS	273577700 60 - 60	0.37	0.55	0.75	1.1	1.5	3	3	3
1.8	841 (29X29)		0.25	0.37	0.37	0.55	1.1	1.1	1.5	3	4	4
							0.75		1.1	2.2	3	3
1.5	1003 (59X17)		0.25	0.37	0.37	0.55	0.75	1.1	1.5 1.1	2.2 1.5	3	3
1.2	1225 (35X35)	66	0.25	0.37	0.37	0.55	0.75	1.1	1.1	2.2 1.5	3	3
1.0	1505 (43X35)		0.25	0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3
0.8	1849 (43X43)		0.25	0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3
0.7	2065 (59X35)		0.25	0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3
0.6	2537 (59X43)		0.25	0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3
0.4	3481 (59X59)			0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3
0.3	5133 (87X59)			0.37	0.37	0.55	0.75	1.1	1.1	1.5	3	3

说明.选用减速机以输出轴转矩为依据.当所用的电动机功率大于表中值时,电动机不能全容量使用。 Instruction: Choosing the reducer should base on the torque of output shaft. When all the value of using motor are bigger than thoes in the table and the motor can't be used fully volume.

五、摆线针轮减速机的外形安装尺寸 Cycloidal Reducers Contour overall and mounting dimensions



XW(D)型卧式单级外形安装及联接尺寸 天津标准 Tianjin standard XW(D) type (horizontal single stage) overall and mounting dimensions

Frat	Cent		3	老装尺	寸 N	lount	ing di	mension	s		Shat	轴 ft con	伸连 necti	接尺 ing d	寸 men	sions				外开	ド尺で	† Overall dime	ension	3	× _€
Frame Size	中心高HO Centre height	A1	AO	B1	BO	h	s		螺钉 ng screw			出轴 it sha				入轴 I shaf		A	В	н	D	双轴型 Double shaft model	Direct c	主联型 onnetion model	重量kg Weight kg
Ze ,	물이		7.75					n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	<u> </u> 6-
1	100	25	90	40	150	12	M8	4	12	28	8	31	35	15	5	17	25	120	180	175	150	202	141		8
2	100	53	90	45	180	15	M8	4	12	25	8	28	34	15	5	17	25	120	210	175	168	218	155		14
3	140	95	100	55	250	20	M8	4	16	35	10	29	55	18	6	20.5	35	150	290	240	200	269	191	ω见	29
4	150	95	145	65	290	22	M10	4	16	45	14	48.5	74	22	6	24.5	40	195	330	275	240	340	255	See of s	45
5	160	115	150	75	370	25	M12	4	16	55	16	59	91	30	8	33	45	260	420	356	300	399	302		92
6	200	36	275	75	380	30	M12	4	18	65	18	69	89	35	10	38	54	335	430	425	340	470	358	机外形 /erall di electric	131
7	220	36	320	85	420	30	M12	4	22	80	22	85	109	40	12	43	65	380	470	460	360	522	397	が尺寸一覧 dimensions ric motor	165
8	250	35	380	120	480	35	M16	4	22	90	25	95	120	45	14	48.5	70	440	530	529	430	581	440	nsio	245
9	290	45	480	120	560	40	M20	4	26	100	28	106	141	50	14	53.5	80	560	620	614	500	598	529	· ons 表	390
10	325	80	500	120	630	45	M24	6	30	110	28	116	150	55	16	59	100	600	690	706	580	806	608		564
11	420	122	330X2	160	800	50	2-M20	6	32	130	32	137	202	70	20	74.9	120	810	880	883	710	1022	811		1160

BW(Y)型卧式单级外形安装及联接尺寸 <u>L海标准 Shanghai standard</u> BW(Y) type (horizontal single stage) overall and mounting dimensions

Fratr	Cent		萝	装尺	寸 N	lount	ing di	mensions	s		Shat	轴 ft con	伸连 necti	接尺 ing d	寸 imen	sions				外开	ド尺マ	† Overall dime	ensions	3	× _€
Frame size	中心高刊O Centre height	A1	AO	B1	ВО	h	s	地脚 Mountin	」螺钉 ng screw	c		出轴 it sha	ft		输, Input	入轴 shaf	t	A	В	н	D	双轴型 Double shaft model	Direct co	主联型 onnetion model	重量kg Weight kg
že	울이			1000	13771.00	-56		n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	6
09	90	17	76	30	120	12	M8	4	11	22	6	24.5	30	15	5	17	25	100	144	160	140	203	142		6.5
10	100	58	90	35	150	15	M8	4	11	30	8	33	35	15	5	17	25	120	185	168	168	218	155		14
11	120	69	110	55	240	15	M8	4	13	35	10	38	56	18	6	20.5	35	160	280	240	200	269	191	公见	29
12	140	73	150	60	280	20	M10	4	13	45	14	48.5	71	22	6	24.5	40	200	320	275	240	340	255	See o	45
13	160	78	200	75	340	25	M12	4	17	55	16	59	80	30	8	33	45	250	390	356	300	390	294	可机外型 overall or electr	80
14	200	53	320	80	340	25	M12	4	22	70	20	74.5	102	35	10	38	54	380	400	425	340	481	369	动机外形 e overall di for electric	135
15	240	39	380	80	420	32	M16	4	22	90	25	95	120	45	14	48.5	70	440	470	529	430	581	440		210
16A	280	45	440	90	500	40	M20	4	28	100	28	106	140	50	14	53.5	80	560	620	614	500	598	529	nensi motor	400
16	290	45	480	90	560	35	M20	4	28	100	28	106	140	50	14	53.5	80	560	620	614	500	598	529	ns 览 表	400
17	325	80	550	120	630	40	M20	4	30	120	32	127	165	55	16	59	100	600	690	706	580	795	639	衣	660
18	420	122	330X2	160	800	50	2-M20	6	32	140	36	148	210	70	20	74.5	120	810	880	883	710	1030	819		1180

注: 1、表中所列尺寸单位为毫米;

Note: 1. The size unit in the table are milimeter;

- 2、d1 d2轴轴伸配合公差为h6。
- 2. Matching tolerance of shafts, h6.



BW(Y)型卧式单级外形安装及联接尺寸

化工部标准 Standard of Minisrty of Chemical Indusrty

BW(Y) type. (horizontal Single stage) overall and mounting dimensions

Fra+n	Cent		3	7,蒙	.寸 M	lount	ing di	mension	s		Shat		伸连 necti			sions				外刑	ド尺マ	† Overall dime	ension	5	≥
Frame size	中心高工O Centre height	A1	AO	B1	ВО	h	s		喇钉 ounting screw	c		出轴 it sha	ıft		输, Input	入轴 shaf	t	А	В	н	D	双轴型 Double shaft model	Direct o	主联型 onnetion model	重量kg Weight kg
œ.	30							n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	9
0	100	58	90	45	150	16	М8	4	12	30	8	33	35	15	5	17	25	120	185	134	168	211	155		15
1	140	95	100	55	250	20	M8	4	14	35	10	38	58	18	6	20.5	35	150	290	284	200	282	216	m	22
2	150	95	145	60	290	22	M10	4	18	45	14	48.5	82	22	6	24.5	40	200	330	318	240	352	276	See ov for	40
3	160	113	150	75	370	25	M12	4	18	55	16	59	82	30	8	33	45	238	410	360	300	422	316	for ele	73
4	200	35	275	80	380	30	M12	4	22	70	20	74.5	105	35	10	38	54	335	430	435	340	490	383	overall dimensions or electric motor	120
5	250	35	380	85	480	35	M16	4	28	90	25	95	130	45	14	48.5	70	440	530	542	430	629	464	尺寸— imensic motor	185
6	290	45	480	90	560	40	M20	4	28	100	28	106	165	50	14	53.5	80	560	620	619	500	730	556	一 Sions or	330
7	325	80	500	105	630	45	M24	4	28	110	28	116	165	55	16	59	100	600	690	706	580	783	594	"表	564
8	420	122	330X2	140	800	50	2-M20	6	36	130	32	137	200	70	20	74.5	120	810	880	880	710	966	733		1160

Fra	Cen 中		3	7,挨5	.寸 M	lount	ing di	mensions	6		Shat		伸连 necti			sions				外开	ド尺マ	† Overall dime	nsions	3	X
Frame size	中心高工O Centre height	A1	AO	B1	ВО	h	s	地脚 Mountin	螺钉 ig screw	c		出轴 it sha	ıft			入轴 shaf	t	Α	В	н	D	双轴型 Double shaft model		I联型 onnetion model	重量kg Weight kg
e	풀							n	d0	d1	b1	c1	l1	d2	b2	c2	12					L	L1	L2	ا
12	100	58	90	45	150	16	M8	4	11	30	8	33	35	15	5	17	25	120	185	190	168	215	161		18
15	140	95	100	55	250	20	М8	4	13	35	10	38	58	18	6	20.5	25	150	290	284	200	282	216	ш	32
18	150	95	145	60	290	22	M10	4	17	45	14	48.5	82	22	6	24.5	40	195	330	318	240	352	276	See	40
22	160	113	150	75	370	25	M12	4	17	55	16	59	82	30	8	33	45	238	410	360	300	422	316	or electric	73
27	200	35	275	80	380	30	M12	4	22	70	20	74.5	105	35	10	38	54	335	430	435	340	490	383	See overall dimen for electric mot	120
33	250	35	380	85	480	35	M16	4	26	90	25	95	130	45	14	48.5	70	440	530	542	430	629	464	が尺寸一覧 dimensions ric motor	185
39	290	45	480	90	560	40	M20	4	26	100	28	106	165	50	14	53.5	80	560	620	619	500	730	556	一 Sions or	330
45	325	80	500	105	630	45	M24	4	30	110	28	116	165	55	16	59	100	600	690	706	580	783	594	表	620
55	400	122	330X2	140	800	50	2-M20	6	36	130	32	137	200	70	20	74.5	120	810	880	880	710	966	733		1180

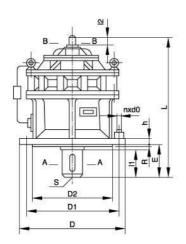
JXJW型卧式双级外形安装及联接尺寸 <u>江门标准 Jiangmen standard</u> JXJW type. (horizontal Single stage) overall and mounting

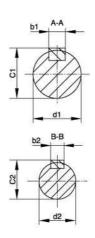
Fra	Cent		3	装尺	e寸 N	lount	ing di	mension	s		Shaf	轴 it con	伸连 necti	接尺 ng d	寸 imen	sions	;			外刑	ド尺マ	† Overall dime	ension	3	≥
Frame size	中心高HO Centre height	A1	AO	B1	В0	h	s		螺钉 ng screw		输出	出轴 it sha	1977		输	入轴 t shaf		A	В	н	D	双轴型 Double shaft model	Direct o	i联型 onnetion model	重量kg Weight kg
že	물이							n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	9
0	100	45	90	45	180	15	М8	4	11	25	8	28	34	15	5	17	25	120	210	175	150	218	155	Se电	15
1	140	55	100	55	250	20	M8	4	16	35	12	38	58	18	6	20.5	35	150	290	284	200	269	191	₹ ° ° ±	25
2	140	60	180	60	285	20	M10	4	16	50	14	53.5	70	22	6	24.5	40	230	335	310	240	332	251	- < +n	45
3	160	60	220	75	350	25	M12	4	18	65	18	69	110	30	8	33	45	280	410	355	300	428	332	욕 트 깊	86
4	190	72	270	80	400	25	M12	4	25	80	22	85	130	35	10	38	54	350	460	430	340	509	384	形尺寸 — dimensic ic motor	125
5	250	85	380	80	480	35	M16	4	25	90	25	95	130	45	14	48.5	70	440	530	540	430	603	462	9 8 —	190
6	290	90	480	90	560	40	M20	4	28	100	28	106	165	50	14	53.5	80	560	620	614	500	723	554	ons 表	400

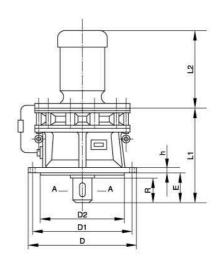
注: 1、表中所列尺寸单位为毫米;

Note: 1. The size unit in the table are milimeter;

2、d1 d2轴轴伸配合公差为h6。







XL(D)型立式单级外形安装及联接尺寸 XL(D) type (vertically single stage) overall and mounting dimensions 天津标准 Tianjing standard

Frat		5	安装尺	寸 Me	ountin	g dime	nsions			Shai		伸连 necti			sions			外形尺寸 Ove	erall dime	ensions	×.
Frame Size	D1	D2	Е	h	R	s		螺钉 ng screw	c		出轴 it sha	ıft			入轴 shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	重量kg Weight kg
Ö		75.57			10.5		n	d0	d1	b1	c1	11	d2	b2	c2	12		L	L1	L2	76
1	134	110	48	9	3	M8	4	12	28	8	31	35	15	5	17	25	160	202	141		8
2	160	130	42	12	3	M8	6	12	25	8	28	34	15	5	17	25	180	218	155		13
3	200	170	50	15	4	M8	6	12	35	10	38	45	18	6	20.5	35	230	269	191	S。见	26
4	230	200	79	15	4	M10	6	12	45	14	48.5	64	22	6	24.5	40	260	340	255	or or or	38
5	310	270	93	20	4	M12	6	12	55	16	59	79	30	8	33	45	340	399	302	See overall dimensions for electric motor	93
6	360	316	94	22	5	M12	8	16	65	18	69	80	35	10	38	54	400	470	358	Ti di 形	138
7	390	345	114	22	5	M12	8	18	80	22	85	98	40	12	43	65	430	522	397	寸— ensic otor	160
8	450	400	112	30	6	M16	12	18	90	25	95	110	45	14	48.5	70	490	581	440	ons 表	240
9	520	455	170	35	8	M20	12	22	100	28	103	130	50	14	53.5	80	580	698	529		370
10	590	520	174	40	10	M24	12	22	110	28	116	140	55	16	59	100	650	806	608		622
11	800	680	210	45	10	2-M20	12	38	130	32	137	184	70	20	74.5	120	880	1042	811		1210

JXJL型立式单级外形安装及联接尺寸 江门标准 Jiangmen standard JXJL type (vertically single stage) overall and mounting dimensions

Fratr			安装	尺寸	Mour	nting di	mension	s		Shaf	轴 ft con	伸连 necti	接尺 ing d	寸 men	sions			外形尺寸 Ove	erall dime	nsions	× _±
Frame size	D1	D2	E	h	R	s	地脚 Mountir	螺钉 ng screw	c	输butpu	出轴 it sha	ıft		输, Input	入轴 shaf	t	D	双轴型 Double shaft model	Direct o	直联型 connetion model	重量kg Weight kg
e							n	d0	d1	b1	c1	l1	d2	b2	c2	12		L	L1	L2	9
0	134	110	40	10	3	M8	6	11	25	8	28	34	15	5	17	25	190	218	155	。见	15
1	200	170	65	16	4	M8	6	14	35	12	38	57	18	6	20.5	35	230	282	198	See of for	25
2	230	200	66	18	4	M10	6	14	50	14	53.5	68	22	6	24.5	40	260	352	251		45
3	310	270	89	25	4	M12	6	14	65	18	69	82	30	8	33	45	340	428	332		80
4	360	316	125	25	5	M12	8	20	80	22	85	115	35	10	38	54	400	520	394	尺寸— imensi motor	115
5	450	400	140	30	6	M16	12	20	90	25	95	130	45	14	48.5	70	495	629	462	形尺寸一览 dimensions ic motor	184
6	520	455	177	35	8	M20	12	20	100	28	106	165	50	14	53.5	80	580	736	554	ons 表	380

注:1、表中所列尺寸单位为毫米; Note: 1. The size unit in the table are milimeter;

- 2、d1 d2轴轴伸配合公差为h6。 2. Matching tolerance of shafts, h6.



BL(Y)型卧式单级外形安装及联接尺寸 机械

机械部标准 Standard of Minisrty of Machistry-Building Indusrty

BL(Y) type. (horizontal Single stage) overall and mounting dimensions

Fra		5	安装尺	寸 Mo	ountin	g dime	nsions			Shaf		伸连 necti			sions	,		外形尺寸 Ove	rall dime	nsions	× _±
Frame size	D1	D2	Е	h	R	s	地 脚 Mountir	螺钉 ng screw	c	输b	出轴 it sha	ıft		输, Input	入轴 t shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	重量kg Weight kg
ė			_				n	d0	d1	b1	c1	l1	d2	b2	c2	12	_	<u>L</u>	L1	L2	- C
12	160	140	39	12	3	M8	4	11	30	8	33	35	15	5	17	25	190	215	161		15
15	200	170	65	16	4	M8	6	14	35	10	38	58	18	6	20.5	35	230	282	216	See see	45
18	230	200	89	20	4	M10	6	14	45	14	48.5	81	22	6	24.5	40	260	352	276	ee 电 or o	64
22	310	270	89	22	4	M12	6	14	55	16	59	82	30	8	33	45	340	422	316		111
27	360	316	114	26	5	M12	8	18	70	20	74.5	105	35	10	38	54	400	490	383		171
33	450	400	140	30	6	M16	12	22	90	25	95	130	45	14	48.5	70	490	629	464	尺寸— imension motor	290
39	520	455	177	35	8	M20	12	22	100	28	106	165	50	14	53.5	80	580	736	556	於尺寸一览 dimensions ic motor	400
45	590	520	180	40	10	M20	12	28	110	28	116	165	55	16	59	100	650	783	594	ons 表	612
55	800	680	215	45	10	2-M20	12	34	130	32	137	200	70	20	74.5	120	880	966	733		1116

BY(Y)型卧式单级外形安装及联接尺寸

化工部标准 Standard of Minisrty of Chemical Indusrty

BY(Y) type. (horizontal single stage) overall and mounting dimensions

Fra		5	安装尺	寸 Mo	ountin	g dime	nsions		7	Shaf	轴 it con	伸连 necti	接尺 ng d	寸 men	sions			外形尺寸 Ove	rall dime	nsions	V _±
Frame size	D1	D2	Е	h	R	s		螺钉 ig screw	c	输butpu	出轴 it sha	ıft		输) Input	入轴 shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	重量kg Weight kg
Ö			_	***			n	d0	d1	b1	c1	11	d2	b2	c2	12		L	L1	L2	
0	160	140	39	12	3	M8	4	11	30	8	33	35	15	5	17	25	190	218	155		20
1	200	170	65	16	4	М8	6	14	35	10	38	58	18	6	20.5	35	230	282	216	ω见	30
2	230	200	89	20	4	M10	6	14	45	14	48.5	82	22	6	24.5	40	260	352	276	See o for	50
3	310	270	89	22	4	M12	6	16	55	16	59	82	30	8	33	45	340	422	316	动机外形I o overall di for electric	90
4	360	316	114	26	5	M16	8	18	70	20	74.5	105	35	10	38	54	400	490	383	計画形	130
5	450	400	140	30	6	M16	12	22	90	25	95	130	45	14	48.5	70	490	629	464	尺寸— imensi motor	250
6	520	455	177	35	8	M20	12	22	100	28	106	165	50	14	53.8	80	580	736	556	心尺寸一览的 dimensions ic motor	395
7	590	520	180	40	10	M20	12	28	110	28	116	165	55	16	59	100	650	783	594	ons 表	605
8	800	680	215	45	10	2-M20	12	34	130	32	137	200	70	20	74.5	120	880	966	733		1180

BY(Y)型卧式单级外形安装及联接尺寸

化工部标准 Standard of Minisrty of Chemical Indusrty

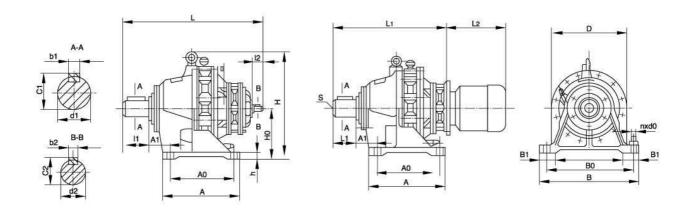
BY(Y) type(horizontal single stage) overall and mounting dimensions

F ₀ +n		5	安装尺	寸 Mo	ountin	g dime	nsions			Shaf	轴 t con	伸连 necti	接尺 ng d	寸 men	sions			外形尺寸 Ove	erall dime	ensions	\$
Frame size	D1	D2	E	h	R	s	地 脚 Mountir	螺钉 ng screw	c	输butpu	出轴 it sha	ft		输, Input	入轴 shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	Weight kg
Ö							n	d0	d1	b1	c1	l1	d2	b2	c2	12		L	L1	L2	76
09	134	110	35	10	3	M8	4	11	22	6	24.5	30	15	5	17	25	160	102	141		6
10	160	140	40	10	3	M8	4	11	30	8	33	35	15	5	17	25	190	218	155		13
11	200	170	60	12	4	M8	6	11	35	10	38	45	18	6	20.5	35	230	269	191	See	22
12	230	200	70	15	4	M10	6	11	45	14	48.5	61	22	6	24.5	40	260	321	255		40
13	310	270	80	20	5	M12	6	13	55	16	59	75	30	8	33	45	340	300	302	动机外形尺寸一览 overall dimensions for electric motor	75
14	360	320	99	22	5	M12	8	15	70	20	74.5	92	35	10	38	54	400	463	358	ご音覧	120
15	450	400	115	30	5	M16	12	18	90	25	95	108	45	14	48.5	70	490	584	443	og eng 寸	180
16	520	455	177	35	8	M20	12	22	100	28	106	165	50	14	53.5	80	580	736	527	ions 影表	380
17	590	520	180	40	10	M20	12	24	120	32	127	165	55	16	59	100	650	806	608	表	611
18	680	800	215	45	10	2-M20	12	34	140	36	148	200	70	20	74.5	120	880	1042	811		1170

注: 1、表中所列尺寸单位为毫米;

Note: 1. The size unit in the table are milimeter;

2、d1 d2轴轴伸配合公差为h6。



XWE(D)型卧式双级外形安装及联接尺寸 天津标准 Tianjin standard XWE(D) type. (horizontal Double stage) overall and mounting dimensions

Frat	Cent		妄	装尺	寸 N	lount	ing di	mensions	s		Shaf	轴 t con	伸连 necti	接尺 ing d	寸 imen	sions				外开	ド尺マ	† Overall dime	nsions	ı	¥ _€
Frame size	中心高工O Centre height	A1	AO	B1	BO	h	s	地 Mountin	螺钉 ng screw	c	输butpu	出轴 it sha	ft		输, Input	入轴 shaf	t	A	В	н	D	双轴型 Double shaft model	Direct co	I联型 onnetion model	重量kg Weight kg
že	물이					3444		n	d0	d1	b1	c1	11	d2	b2	c2	12				1,61,14	L	L1	L2	9
31	140	96	100	55	250	20	M8	4	16	35	10	38	55	15	5	17	25	150	290	240	200	310	258		37
42	150	95	145	65	290	22	M10	4	16	45	14	48.5	74	15	5	17	25	195	330	275	240	384	326		75
53	160	115	150	75	370	25	M12	4	18	55	16	59	91	18	6	20.5	35	260	420	356	300	457	383	. D.	94
63	200	36	275	75	380	30	M12	4	22	65	18	69	89	18	6	20.5	35	335	430	425	340	519	447	See on for	148
74	220	36	320	85	420	30	M12	4	22	80	22	85	109	22	6	24.5	40	380	470	460	360	589	508	overal overal	193
84	250	35	380	120	480	35	M16	4	22	90	25	95	120	22	6	24.5	40	440	530	529	430	633	552	overall dimensions or electric motor	270
85	250	35	380	120	480	35	M16	4	22	90	25	95	120	30	8	33	45	440	530	529	430	656	566	形尺寸一 I dimension tric motor	310
95	290	45	480	120	560	40	M20	4	26	100	28	106	141	30	8	33	45	560	620	614	500	745	655	sion tor	485
106	325	80	500	120	630	45	M24	6	30	110	28	116	150	35	10	38	54	600	690	706	580	855	750	ons 影	650
116	420	122	330X2	160	800	50	2-M20	6	32	130	32	137	202	35	10	38	54	810	880	883	710	1066	958		1232
117	420	122	330X2	160	800	50	2-M20	6	32	130	32	137	202	40	12	43	65	810	880	883	710	1081	963		1280

BWE(Y)型卧式双级外形安装及联接尺寸 <u>L海标准 Shanghai standard</u> BWE(Y) type. (horizontal Double stage) overall and mounting dimensions

Frat	Cent		妄	装尺	寸 N	lount	ing di	mension	S		Shaf	轴 t con	伸连 necti	接尺 ng di	寸 men	sions				外刑	・兄ミ	† Overall dime	nsions	3	≤
Frame size	中心高HO Centre height	A1	AO	B1	ВО	h	s	地肤 Mountin	螺钉 ng screw			出轴 it sha				入轴 shaf		Α	В	н	D	双轴型 Double shaft model	Direct co	I联型 onnetion model	重量kg Weight kg
6	말							n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	G)
120	160	78	200	75	340	25	M12	4	17	55	16	59	89	15	5	17	25	250	390	356	300	423	367		82
131	160	78	200	75	340	25	M12	4	22	55	16	59	89	18	6	20.5	35	250	390	356	300	457	383	See fee	100
141	200	53	320	80	340	25	M12	4	22	70	20	74.5	102	18	6	20.5	35	330	400	425	340	519	447	可动动	153
152	240	39	380	80	420	32	M16	4	22	90	25	95	120	22	6	24.5	40	440	470	529	430	633	552	机外形 /erall di electric	245
153	240	39	330	80	420	32	M16	4	22	90	25	95	120	30	8	33	45	440	470	529	430	656	566	ticn 形	265
163	290	45	480	90	560	35	M20	4	28	100	28	106	140	30	8	33	45	560	620	614	500	745	655	於尺寸一览 dimensions ic motor	460
174	325	80	500	120	630	40	M20	4	30	120	32	127	165	35	10	38	54	600	690	706	580	855	750	· ons 影 表	710
184	420	122	330X2	160	800	50	2-M20	6	32	140	36	148	210	35	10	38	54	810	880	883	410	1071	959	40	1270

注:1、表中所列尺寸单位为毫米; Note: 1. The size unit in the table are milimeter;

- 2、d1 d2轴轴伸配合公差为h6。
- 2. Matching tolerance of shafts, h6.



Far	Centre		3	装尺	:寸 N	lount	ing di	s		Shat		伸连 necti			sions				外	ド尺で	† Overall dime	nsions	3	X	
Frame size	心高HO tre height	A1	AO	B1	ВО	h	s		螺钉 ng screw	c	输b outpu	出轴 it sha	ıft		输, Input	入轴 t shaf	t	A	В	н	D	双轴型 Double shaft model	Direct co	I联型 onnetion model	重量kg Weight kg
Ф	I O							n	d0	d1	b1	c1	11	d2	b2	c2	12					L	L1	L2	
31	160	113	150	75	370	25	M12	4	18	55	16	59	82	18	6	20.5	35	288	410	360	300	473	407		88
41	200	35	275	80	380	30	M12	4	22	70	20	74.5	105	18	6	20.5	35	335	430	435	340	540	474	。见	142
42	200	35	275	80	380	30	M12	4	22	70	20	74.5	105	22	6	24.5	40	335	430	435	340	586	520	See ox for	145
52	250	35	380	85	480	35	M16	4	28	90	25	95	130	22	6	24.5	40	440	530	542	430	658	582	elec 机	263
53	250	35	380	85	480	35	M16	4	28	90	25	95	130	30	8	33	45	440	530	542	430	708	601		268
63	290	45	480	90	560	40	M20	4	28	100	28	106	165	30	8	33	45	560	620	619	500	796	691	0 5 —	453
74	325	80	500	105	630	45	M20	4	28	110	28	116	165	35	10	38	54	600	690	706	580	856	749	ons 影表	691
84	420	122	330X2	140	800	50	2-M20	6	36	130	32	137	200	35	10	38	54	810	880	880	710	998	891		1260

BWE(Y)型卧式双级外形安装及联接尺寸 Middle Standard of Minisrty of Machine-Building Industry BWE(Y) type. (horizontal Double stage) overall and mounting dimensions

Fra	Cen中		3	·装天	寸 M	louni	ing di	mension	s	1	Shai		伸连 necti			sions				外开	ド尺で	† Overall dime	ensions	3	\$
Frame Size	中心高工O Centre height	A1	AO	B1	ВО	h	s	地肤 Mountii	I螺钉 ng screw	c		出轴 it sha	ıft		输, Input	入轴 shaf	t	A	В	н	D	双轴型 Double shaft model	Direct co	I联型 onnetion model	重量kg Weight kg
Ф	₹0					1,525.0		n	d0	d1	b1	c1	l1	d2	b2	c2	12					L	L1	L2	
1812	150	95	145	60	290	22	M10	4	17	45	14	48.5	82	15	5	17	25	195	330	318	240	384	326		75
2215	160	113	150	75	370	25	M12	4	17	55	16	59	82	18	6	20.5	35	238	410	360	300	473	407	Sec 电	100
2715	200	35	275	80	380	30	M12	4	22	70	20	74.5	105	18	6	20.5	35	335	430	435	340	540	474	See overall for electr	150
3322	250	35	380	85	480	35	M16	4	26	90	25	95	130	30	8	33	45	440	530	542	430	706	691	机外形尺寸 verall dimen electric mot	364
3922	290	45	480	90	560	40	M20	4	26	100	28	106	165	30	8	33	45	560	620	619	500	796	691	形尺寸一览dimensions ric motor	472
4527	325	80	500	105	630	45	M20	4	34	110	28	116	165	35	10	38	54	600	690	706	580	856	749	r ions 表	726
5527	420	122	330X2	140	800	50	2-M20	6	36	130	32	137	200	35	10	38	54	810	880	880	710	1076	975		1286

JXJWE型卧式双级外形安装及联接尺寸 <u>江门标准 Jiangmen standard</u> JXJWE type. (horizontal Double stage) overall and mounting dimensions

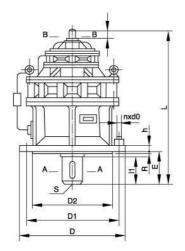
T	Cen		萝	装尺	d N	lount	ing di	mension	s		Sha	轴 ft con	伸连 necti	接尺 ng d	寸 men	sions				外开	ド尺で	† Overall dime	ensions	3	×e≡
Frame Size	中心幅HO Centre height	A1	AO	B1	ВО	h	s	地肤 Mountin	螺钉 ng screw	c	输butpu	出轴 it sha	ıft		输. Input	入轴 t shaf	t	A	В	н	D	双轴型 Double shaft model	Direct o	主联型 onnetion model	Weight kg
že	ght O	Ai	٨٠	01	50	:11:	3	n	d0	d1	b1	c1	11	d2	b2	c2	12			3.1		L	L1	L2	
20	140	60	180	60	285	20	M10	4	16	50	14	53.5	70	15	5	17	25	230	335	310	240	382	323	ο见	60
31	160	60	220	75	350	25	M12	4	18	65	18	69	110	18	6	20.5	35	280	410	355	300	518	447	See ov for	105
41	190	72	270	80	400	25	M12	4	25	80	22	85	130	18	6	20.5	35	350	460	430	340	565	498	机外形I electric	150
52	250	85	380	80	480	35	M16	4	25	90	25	95	130	22	6	24.5	40	440	530	540	430	658	581	tric m	237
53	250	85	380	80	480	35	M16	4	25	90	25	95	130	30	8	33	45	440	530	540	430	703	600	成尺寸一览 dimensions ic motor	270
63	290	90	480	90	560	40	M20	4	28	100	28	106	165	30	8	33	45	560	620	614	500	790	667	ons 表	460

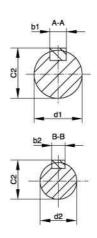
注: 1、表中所列尺寸单位为毫米;

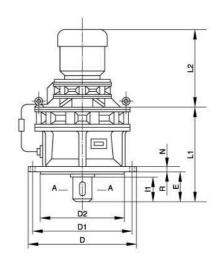
Note: 1. The size unit in the table are milimeter;

2、d1 d2轴轴伸配合公差为h6。









XLE(D)型立式双级外形安装及联接尺寸 天津标准 Tianjing standard XLE(D) type. (vertically. double stage) overall and mounting dimensions

Fra		3	安装尺	寸 Me	ountin	g dime	nsions			Shat		伸连 necti			sions			外形尺寸 Ove	erall dime	ensions	×=
Frame Size	D1	D2	Е	h	R	s		螺钉 ng screw	c		出轴 ut sha	ıft		输, Input	入轴 i shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	Weight kg
e					1505		n	d0	d1	b1	c1	11	d2	b2	c2	12		L	L1	L2	
31	200	170	50	15	4	M8	6	12	35	10	38	45	15	5	17	25	230	310	258		35
42	230	200	79	15	4	M10	6	12	45	14	48.5	64	15	5	17	25	260	384	326		75
53	310	270	92	20	4	M12	6	12	55	16	59	79	18	6	20.5	35	340	457	383	o 型	95
63	360	316	92	22	5	M12	8	16	65	18	69	80	18	6	20.5	35	400	519	447	See ov for	149
74	390	345	114	22	5	M12	8	18	80	22	85	98	22	6	24.5	40	430	589	508	See overall dimensions for electric motor	193
84	450	400	112	30	6	M16	12	18	90	25	95	110	22	6	24.5	40	490	633	552	形尺寸 If dimen	280
85	450	400	112	30	6	M16	12	18	90	25	95	110	30	8	33	45	490	656	566	ensio	310
95	520	455	170	35	8	M20	12	22	100	28	106	130	30	8	33	45	580	745	655	ons 影表	495
106	590	520	175	40	10	M20	12	22	110	28	116	140	35	10	38	54	650	855	754	2532	667
117	800	680	210	45	10	2-M20	12	38	130	32	137	184	40	12	43	65	880	1081	963		1290

JXJLE型卧式双级外形安装及联接尺寸 江门标准 Jiangmen standard JXJLE type. (vertically. double stage) overall and mounting dimensions

Fratr			安装	尺寸	Mour	nting di	mensions	s		Shaf		伸连 necti			sions			外形尺寸 Ove	rall dime	nsions	\$
Frame size	D1	D2	Е	h	R	s	地 <u></u> Mountir	螺钉 ng screw	c	输butpu	出轴 it sha	ft		输, input	入轴 t shaf	t	D	双轴型 Double shaft model	Direct o	直联型 onnetion model	重量kg Weight kg
œ .		77.77					n	d0	d1	b1	c1	11	d2	b2	c2	12		L	L1	L2	
20	230	200	66	18	4	M10	6	14	50	14	53.5	68	15	5	17	25	260	382	323	П	62
31	310	270	89	25	4	M12	6	14	65	18	69	82	18	6	20.5	35	340	515	448	See ove for ela	105
41	360	316	125	25	5	M12	8	20	80	22	85	115	18	6	20.5	35	400	565	498	动机外形I overall di for electric	155
42	360	316	125	25	5	M12	8	20	80	22	85	115	22	6	24.5	40	400	581	504	外形尺寸一览表 erall dimensions ectric motor	165
52	450	400	140	30	6	M16	12	20	90	25	95	130	22	6	24.5	40	495	653	581	だサー mensi motor	265
53	450	400	140	30	6	M16	12	20	90	25	95	130	30	8	33	45	495	703	600	一览表 sions or	285
63	520	455	177	35	8	M20	12	20	100	28	106	165	30	8	33	45	580	796	673	" 表	470

注:1、表中所列尺寸单位为毫米; Note: 1. The size unit in the table are milimeter;

- 2、d1 d2轴轴伸配合公差为h6。
- 2. Matching tolerance of shafts, h6.



BLE(Y)型立式双级外形安装及联接尺寸 上海标准 Shanghai standard BLE(Y) type. (vertically. double stage) overall and mounting dimensions

Frat			安装	尺寸	Mour	nting di	mension	s		Sha	轴 it con	伸连 necti	接尺 ng d	寸 men	sions			外形尺寸 Ove	erall dime	ensions	V _®
Frame size	D1	D2	Е	h	R	s	地肤 Mountir	螺钉 ng screw	c	输l	出轴 it sha	ıft		输, Input	入轴 t shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion model	重量kg Weight kg
e	110000	W-25-5	17.50				n	d0	d1	b1	c1	l1	d2	b2	c2	12	ATD:	L	L1	L2	9
120	230	200	80	15	4	M10	6	11	45	14	48.5	64	15	5	17	25	260	368	312		75
130	310	270	94	20	5	M12	6	13	55	16	59	79	15	5	17	25	340	423	372	m	87
131	310	270	94	20	5	M12	6	13	55	16	59	79	20	6	22.5	35	340	453	392	See of for	95
141	360	320	106	22	5	M12	8	15	70	20	74.5	92	20	6	22.5	35	400	521	460	血育机	145
152	450	400	115	30	5	M16	12	18	90	25	95	110	22	6	24.5	40	490	616	542		215
153	450	400	115	30	5	M16	12	18	90	25	95	110	30	8	33	45	490	656	566	形尺寸一览 dimensions ric motor	230
163	520	455	177	35	8	M20	12	24	100	28	106	165	30	8	33	45	580	781	685	一 Sions or	440
174	590	520	180	40	10	M20	12	24	120	32	127	165	35	10	38	54	650	865	760	" 表	700
184	680	800	215	45	10	2-M20	12	34	140	36	148	200	35	10	38	54	880	1081	966		1280

BLE(Y)型立式双级外形安装及联接尺寸 机械部标准 Standard of Ministry of Machine-Building Industry BLE(Y) type. (vertically. double stage) overall and mounting dimensions

Fra			安装	尺寸	Mour	nting di	mension	s		Shaf	轴 t con	伸连 necti	接尺 ng di	寸 men	sions			外形尺寸 Ove	erall dime	ensions		≶ ≡
Frame size	D1	D2	Е	h	R	s	地 Mountin	I螺钉 ng screw	c	输butpu	出轴 it sha	ıft		输, Input	入轴 shaf	t	D	双轴型 Double shaft model	Direct	直联型	model	重量kg Weight kg
ě		Transiti.	1577	500	0.0		n	d0	d1	b1	c1	11	d2	b2	c2	12	3 (15)	L	L1	L2	В	9
1812	230	200	89	20	4	M10	6	14	45	14	48.5	82	15	5	17	25	260	384	326			72
2215	310	270	89	22	4	M12	6	14	55	16	59	82	18	6	20.5	35	340	473	407] ,	2 型	94
2715	360	316	114	26	5	M12	8	18	70	20	74.5	105	18	6	20.5	35	400	540	747	₫ 3	动动	150
3318	450	400	140	30	6	M16	12	22	90	25	95	130	22	6	24.5	40	490	633	552	for electric	See overall dimensions见电动机外形尺寸一览。	280
3322	450	400	140	30	6	M16	12	22	90	25	95	130	30	8	33	45	490	706	601	ric m	形	364
3922	520	455	177	35	8	M20	12	22	100	28	106	165	30	8	33	45	580	796	691	motor	s 寸	472
4527	590	520	180	40	10	M20	12	28	110	28	116	165	35	10	38	54	650	886	749		览表	696
5527	800	680	215	45	10	2-M20	12	34	130	32	137	200	35	10	38	54	880	998	891			1220

BLE(Y)型立式双级外形安装及联接尺寸 化工部标准 Standard of Ministry of Chemical Industry BLE(Y) type. (vertically. double stage) overall and mounting dimensions

Frat			安装	尺寸	Mour	nting di	mension	s		Shaf	轴 it con	伸连 necti	接尺 ng di	寸 men	sions	i		外形尺寸 Ove	erall dime	ensions		× _€
Frame Size	D1	D2	E	h	R	s		喇螺钉 ng screw	C	输 l Outpu	出轴 it sha	ft		输, npu	入轴 t shaf	t	D	双轴型 Double shaft model	Direct	直联型 connetion	model	重量kg Weight kg
6	11575157			, e-su.			n	d0	d1	b1	c1	11	d2	b2	c2	12		L	L1	L2	В	9
20	230	200	89	20	4	M10	6	14	45	14	48.5	82	15	5	17	25	260	384	326			75
31	310	270	89	22	4	M12	6	16	55	16	59	82	18	6	20.5	35	340	473	407	و ا	2. 型	94
41	360	316	114	26	5	M12	8	18	70	20	74.5	105	18	6	20.5	35	400	525	458	₫ 3	见电动机外	144
52	450	400	140	30	6	M16	12	22	90	25	95	130	22	6	24.5	40	490	633	552	electric	WM外形尺寸一览	263
53	450	400	140	30	6	M16	12	22	90	25	95	130	30	8	33	45	490	706	601	ric m	形尺	274
63	520	455	177	35	8	M20	12	24	100	28	106	165	30	8	33	45	580	769	691	motor	号寸	450
74	590	520	180	40	10	M20	12	28	110	28	116	165	35	10	38	54	650	856	749	į	览表	777
84	800	680	215	45	10	2-M20	12	34	130	32	137	200	35	10	38	54	880	998	891	1	9355	1240

注: 1、表中所列尺寸单位为毫米;

Note: 1. The size unit in the table are milimeter;

2、d1 d2轴轴伸配合公差为h6。