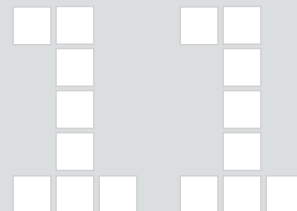


AKSEEN

艾克森传动
AkseenTransmission



Page(271~280)

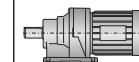
WB 系列
WB Series

微型摆线针轮减速机
CYLOIDAL MICRO-REDUCER



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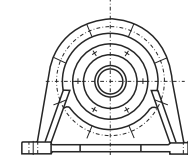
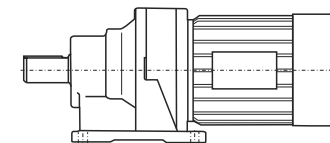


结构型式 Design

WB系列微型摆线针轮减速机有以下结构形式
WB series reducer are available in following design

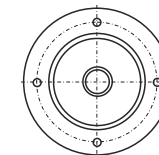
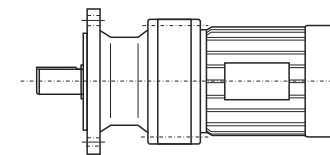
WB...-WD...

底脚安装,电机输入
Foot-mounted, with Y series motor



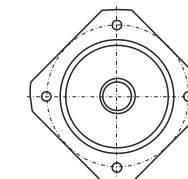
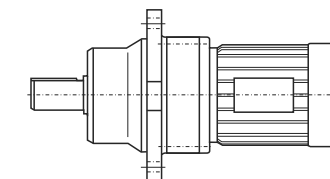
WB...-LD...

法兰安装,电机输入
flange-mounted, with Y series motor



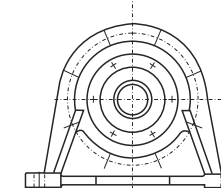
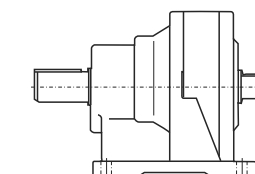
WB...-L1D...

方形法兰安装,电机输入
Quadrate flange-mounted, with Y series motor



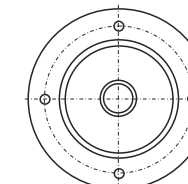
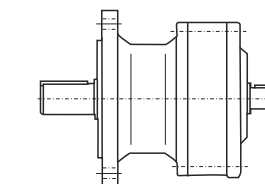
WB...-W...

底脚安装,轴输入
Foot-mounted, with input shaft



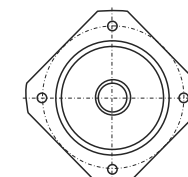
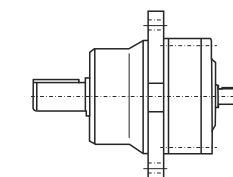
WB...-L...

法兰安装,轴输入
Flange-mounted, with input shaft

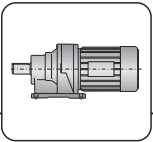
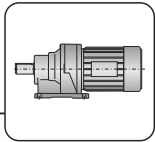


WB...-L1D...

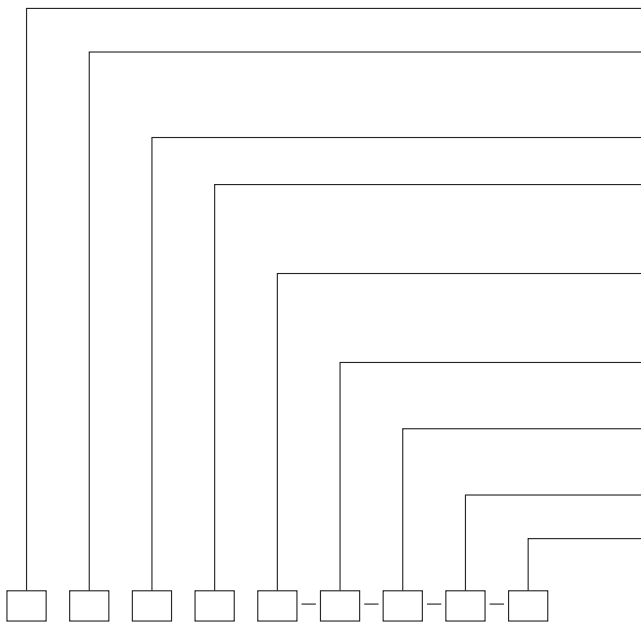
方形法兰安装,轴输入
Square flange-mounted, with input shaft



WB SERIES



型号标记 Designation



减速机代号reducer series code:WB

减速机级数 Trasmission stage
单级省略 ingle stage (omit)
双级串联double stage: E

减速机机型号 reducer model

安装型式mounting structure
卧式底脚安装 foot-mounted: W
立式法兰安装 flange-mounted:L

输入结构 input structure
直联电机motor designed for WB series: D
轴输入省略 with input shaft (omit)

传动比 tranmission ratio

配用电机功率 motor power (W)
双轴型省略 with input shaft (omit)

安装位置 mounting position

接线盒位置 wire box position

标记示例 Sign example

A WB65-W-43-B3

WB 系列底脚卧式安装，机型号65，传动比43，轴输入，安装位置 B3。

B WBED1285-L1D-385-Y120-V5-270

WB 系列方法兰立式安装，双级机型号1265，传动比385，电机输入 120W，安装位置V5，电机接线盒位置270° 。

A WB65-W-43-B3

foot-mounted, model 65, with input shaft transm-ission ratio 43, mounting position B3

B WBED1285-L1D-385-Y120-V5-270

square flange-mounted, model 1285, transmissionratio 385, with Y series motor, power 120W, mou-nting position V5,wire box position 270° 。

许用输出转矩 Permitted output torque (N.m)

机型号 Model	65	85	100	120	150
许用转矩 Permitted torque	25	60	120	150	250

电机选用 About electric motor

- 1 本系列减速机直联配用三相普通电机及制动电机其它类型电机加装过渡法兰连接。
- 2 电机防护等级为IP54，绝缘等级为B级，制动器防护等级IP23。
- 3 电机按三相380/220V，Y/Δ，50HZ，4级。

- 1 Y series motor and beak motor are connected wi- th reducer directly, the othres type motor connec ted by flange for mounting IEC motor.
- 2 Insulation: F class, protection: IP 54, backstop prot- ection: IP23.
- 3 Motor data: 3-phase 380/220V, Y/Δ, 50HZ,4-pole..

使用与维护 Operation and maintenance

- 1 减速机工作环境温度-10~+40℃。
- 2 减速机最高温度不大于80℃。
- 3 减速机使用润滑油润滑。
- 4 减速机出厂已加注润滑油。

- 1 the ambient temperature range -10~+40℃.
- 2 the working temperature less than 80℃.
- 3 geared motor are supplied with lubrication.
- 4 gears are lubricated by synthetical lubrication.

选型说明 selection guide

选择机型号应满足下面关系式：

$KA \times Ma \leq [M]$

KA--使用系数

Ma--输出转矩

[M]--许用输出转矩

output torque is performed using the following for-mula:

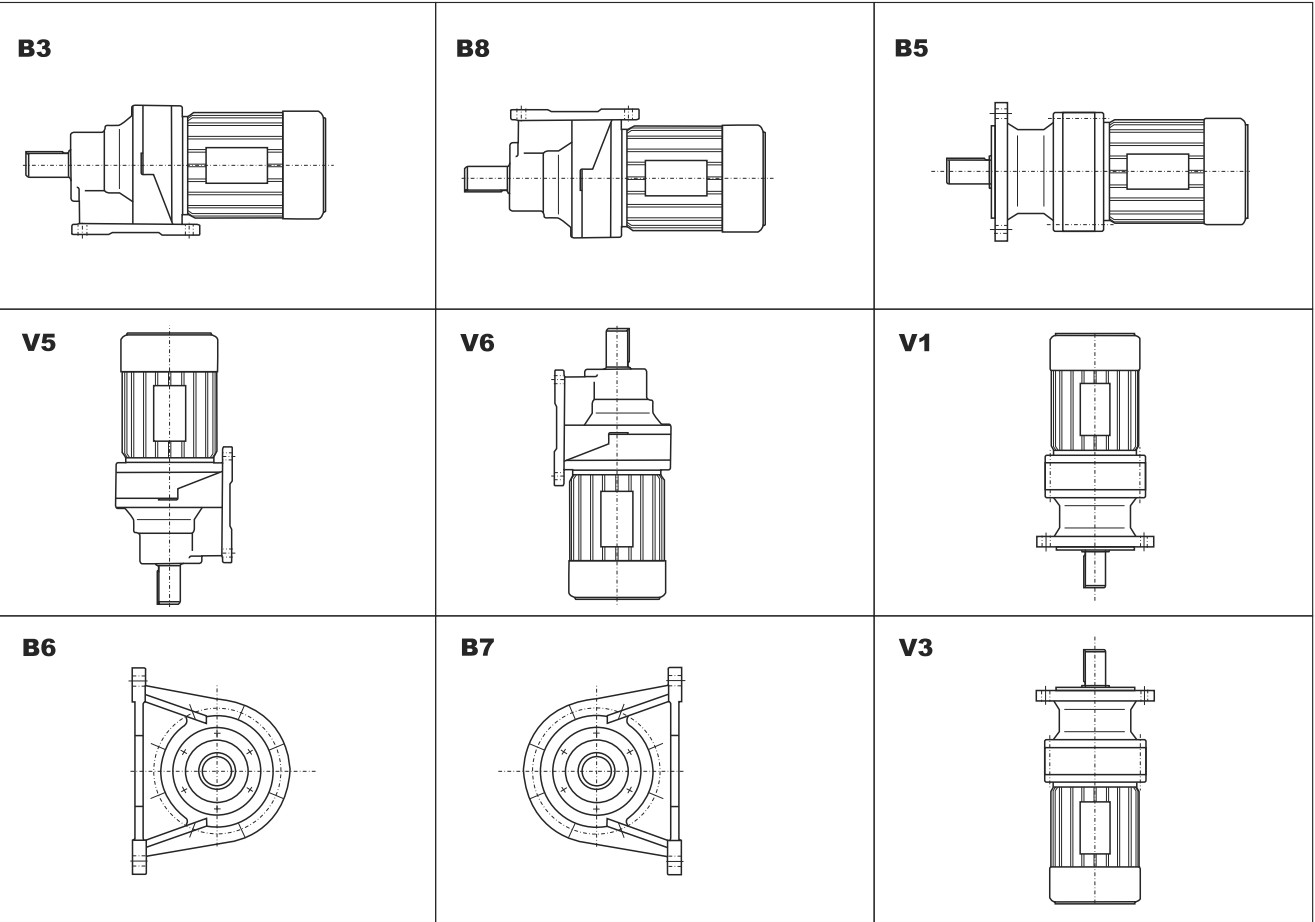
$KA \times Ma \leq [M]$

KA--service factor

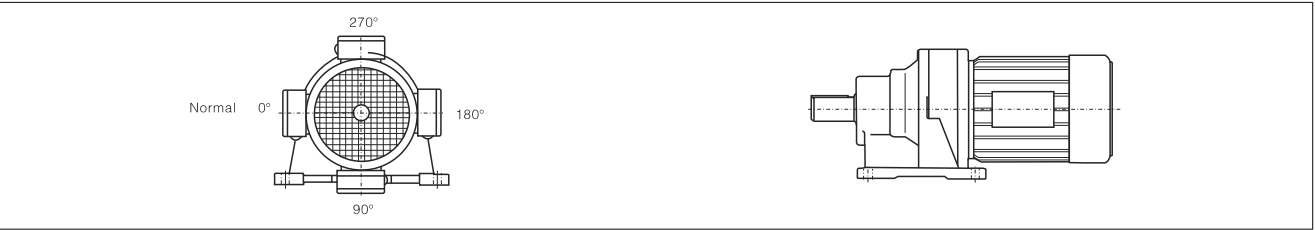
Ma--output torque

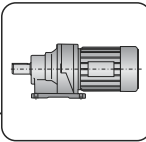
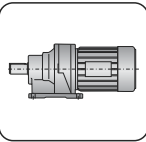
[M]--permmited torque

安装位置 Mounting position



接线盒位置 Wire box position





技术参数Technical data

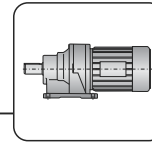
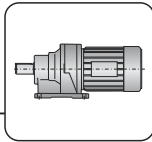
输入功率 Input power KW	输出转速 Output speed rpm	输出转矩 Output speed N.m	传动比 Ratio	机型号 Model	极数 pole	重量 Weight Kg
0.04	155.0	2.3	9	WB 65	4	5
	127.0	2.8	11			
	82.0	4.2	17			
	60.0	5.8	23			
	48.0	7.2	29			
	40.0	8.8	35			
	32.0	10.2	43			
	11.5	27.9	121	WBE 1065	4	12
	7.5	43.1	187			
	4.8	66.6	289			
	3.6	88.8	385			
0.06	155.0	3.5	9	WB 65	4	5.5
	127.0	4.2	11			
	82.0	6.3	17			
	60.0	8.7	23			
	48.0	10.8	29			
	10.0	13.2	35			
	32.0	15.3	43			
	11.5	41.9	121	WBE 1065	4	12.5
	7.5	64.7	187			
	4.8	99.9	289			
	3.6	133.2	385			
0.09	155.0	5.2	9	WB 65	4	5.5
	127.0	6.3	11			
	82.0	9.5	17			
	60.0	13.1	23			
	48.0	16.2	29			
	40.0	19.8	35			
	32.0	23.0	43			
	155.0	5.2	9	WB 85	4	8.5
	127.0	6.3	11			
	82.0	9.5	17			
	60.0	13.1	23			
	48.0	16.2	29			
	40.0	19.8	35			
	32.0	23.0	43			
	11.5	62.8	121	WBE 1065	4	12.5
	7.5	97.0	187			
	4.8	149.9	289			
	11.5	62.8	121	WBE 1285	4	17.5
	7.5	97.0	187			
	4.8	149.9	289			
0.12	155.0	6.9	9	WB 65	4	7.5

输入功率 Input power KW	输出转速 Output speed rpm	输出转矩 Output speed N.m	传动比 Ratio	机型号 Model	极数 pole	重量 Weight Kg
0.12	127.0	8.4	11	WB 65	4	7.5
	82.0	12.6	17			
	60.0	17.4	23			
	48.0	21.6	29			
	40.0	26.4	35			
	155.0	6.9	9	WB 65	4	8.5
	127.0	8.4	11			
	82.0	12.6	17			
	60.0	17.4	23			
	48.0	21.6	29			
	40.0	26.4	35			
0.18	11.5	83.7	121	WBE 1065	4	14.5
	7.5	129.3	187			
	11.5	83.7	121	WBE 1085	4	17.5
	7.5	129.3	187			
	4.8	199.8	289			
	155.0	10.3	9	WB 85	4	9.5
	127.0	12.6	11			
	82.0	18.9	17			
	60.0	26.1	23			
	48.0	32.4	29			
0.25	155.0	14.4	9	WB 85	4	10.5
	127.0	17.5	11			
	82.0	26.2	17			
	60.0	36.2	23			
	48.0	45.0	29			
	40.0	55.0	35			
	32.0	63.7	43			
	155.0	14.4	9	WB 100	4	

技术参数 Technical data

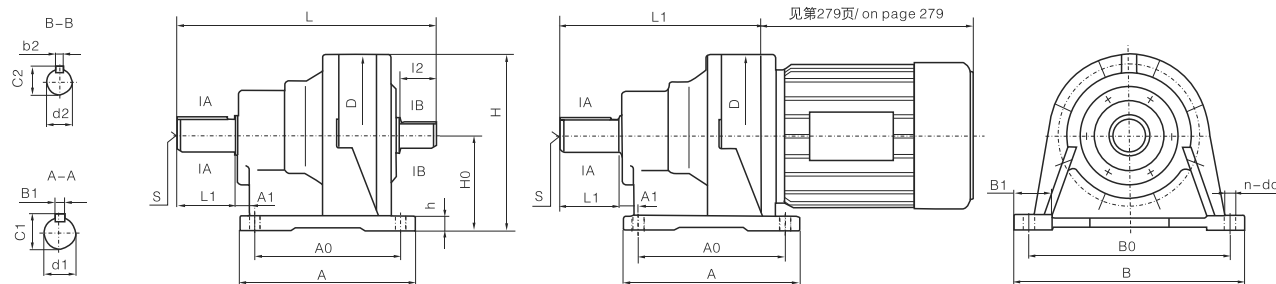
输入功率 Input power KW	输出转速 Output speed rpm	输出转矩 Output speed N.m	传动比 Ratio	机型号 Model	极数 pole	重量 Weight Kg
0.25	127.0	17.5	11	WB 100	4	13
	82.0	26.2	17			
	60.0	36.2	23			
	48.0	45.0	29			
	40.0	55.0	35			
	32.0	63.7	43			
	23.0	91.6	59			
	11.5	174.4	121	WBE 1285	4	17.5
	11.5	174.4	121	WBE 1510	4	42
	7.5	269.4	187			
0.37	155.0	21.3	9	WB 85	4	11
	127.0	25.9	11			
	82.0	38.8	17			
	60.0	53.6	23			
	48.0	66.6	29			
	40.0	81.4	35			
	32.0	94.3	43			
	155.0	21.3	9	WB 100	4	14
	127.0	25.9	11			
	82.0	38.8	17			
	60.0	53.6	23			
0.55	155.0	31.6	9	WB 100	4	17
	127.0	38.5	11			
	82.0	57.7	17			
	60.0	79.7	23			
	48.0	99.0	29			
	40.0	121.0	35			
	32.0	140.2	43			
	155.0	31.6	9	WB 120	4	21
	127.0	38.5	11			
	82.0	57.7	17			
	60.0	79.7	23			

输入功率 Input power KW	输出转速 Output speed rpm	输出转矩 Output speed N.m	传动比 Ratio	机型号 Model	极数 pole	重量 Weight Kg
0.55	155.0	31.6	9	WB 150	4	38
	127.0	38.5	11			
	82.0	57.7	17			
	60.0	79.7	23			
	48.0	99.0	29			
	40.0	121.0	35			
	32.0	140.2	43			
	23.0	201.5	59			
	20.0	222.9	71			
	17.0	273.1	87			
	155.0	43.1	9	WB 100	4	18
	127.0	52.5	11			
0.75	82.0	78.7	17			
	60.0	108.7	23			
	48.0	135.0	29			
	155.0	43.1	9	WB 120	4	22
	127.0	52.5	11			
	82.0	78.7	17			
	60.0	108.7	23			
	48.0	135.0	29			
	40.0	164.9	35			
	32.0	191.2	43			
1.1	155.0	43.1	9	WB 150	4	39
	127.0	52.5	11			
	82.0	78.7	17			
	60.0	108.7	23			
	48.0	135.0	29			
	40.0	164.9	35			
	32.0	191.2	43			
	23.0	274.7	59			
	20.0	303.9	71			
	155.0	63.2	9	WB 120	4	28
	127.0	77.0	11			
1.5	82.0	115.5	17			
	60.0	159.4	23			
	48.0	197.9	29			
	40.0	241.9	35			
	32.0	280.4	43			
	155.0	63.2	9	WB 150	4	48
	127.0	77.0	11			
	82.0	115.5	17			
	60.0	159.4	23			
	48.0	197.9	29			
	40.0	241.9	35			
2.2	32.0	280.4	43			
	155.0	92.7	9	WB 150	4	51
	127.0	112.9	11			



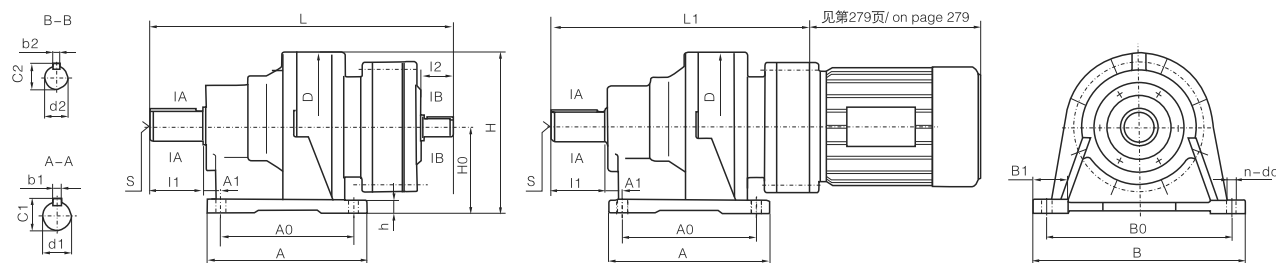
安装尺寸 Mounting dimensions

WB...-W...



机型号 model	安装尺寸 mounting dimensions									轴伸尺寸 shaft dimensions								外形尺寸 external dimensions						重量 weight
	H ₀	A ₁	A ₀	B ₁	B ₀	h	s	n	d ₀									A	B	H	D	L	L1	
										d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂							
65	60	25	25	25	130	8	M4	4	7	12	4	13.5	20	10	3	11	16	90	150	120	110	135	95	2.5
85	7	30	30	30	150	10	M5		9	14	5	16	23	12	3	13	16	100	175	140	127	148	110	3.5
100	80	38	38	32	160	12	M6		9	18	6	20.5	25	14	4	16.5	20	110	185	155	145	174	130	7
120	100	58	58	35	150	15	M8		11	30	8	33	35	15	5	17	22	120	185	190	168	215	165	11
150	120	60	60	50	210	18	M8		15	35	10	38.5	55	20	6	22.5	30	160	250	235	210	260	200	28

WBE...-W...

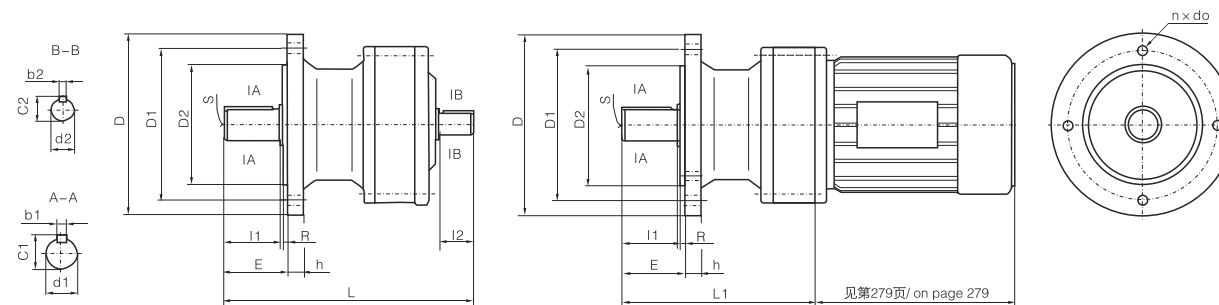


机型号 model	安装尺寸 mounting dimensions									轴伸尺寸 shaft dimensions								外形尺寸 external dimensions						重量 weight
	H ₀	A ₁	A ₀	B ₁	B ₀	h	s	n	d ₀	输出轴 Output shaft				输入轴 Input shaft				A	B	H	D	L	L1	
										d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂							
																								kg
1065	80	38	80	32	160	12	M6	4	9	18	6	20.5	25	10	3	11	16	110	185	155	145	225	185	9
1285	100	58	90	35	150	15	M8	4	11	30	8	33	35	12	3	13	16	120	185	190	168	268	230	14
1510	120	60	120	50	210	18	M8	4	15	35	10	38.5	55	14	4	16.5	20	160	250	235	210	325	295	36

注：表中重量不包含电机重量
Note: the weight in sheet divide motor weight

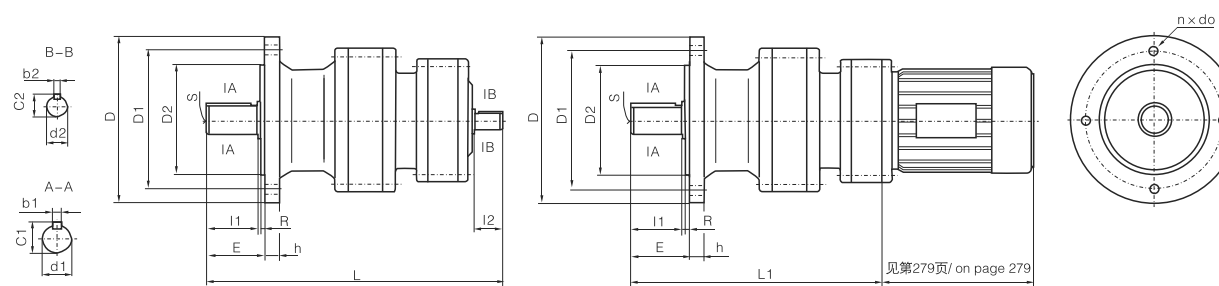
安装尺寸 Mounting dimensions

WB...-L...

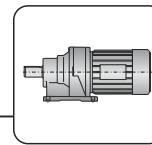
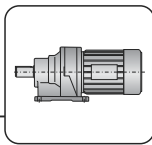


机型号 model	安装尺寸 mounting dimensions									轴伸尺寸 shaft dimensions								外形尺寸 external dimensions			重量 weight
	D1	D1(h8)	E	h	R	s	n	d ₀	输出轴Output shaft				输入轴Input shaft				D	L	L1	kg	
									d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂					
65	100	65	24	8	2.5	M4	4	7	12	4	13.5	20	10	3	11	16	120	135	95	2.5	
85	120	85	27	9	2.5	M5	4	9	14	5	16	23	12	3	13	16	140	148	110	3.5	
100	134	100	30	10	3	M6	4	9	18	6	20.5	25	14	4	16.5	20	160	174	130	7	
120	160	140	39	10	3	M8	4	11	30	8	33	35	15	5	17	22	190	215	165	11	
150	200	170	60	14	4	M8	6	11	35	10	38.5	55	20	6	22.5	30	230	260	200	28	

WBE...-L...

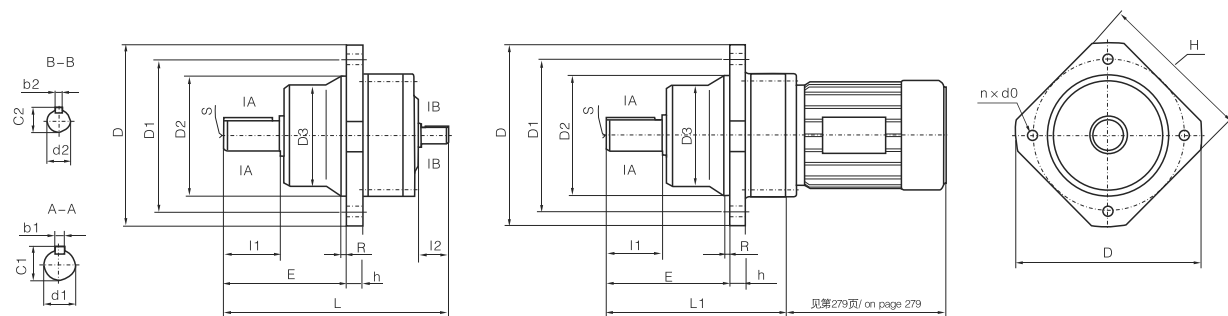


机型号 model	安装尺寸 mounting dimensions									轴伸尺寸 shaft dimensions								外形尺寸 external dimensions			重量 weight
	D1	D1(h8)	E	h	R	s	n	d ₀	输出轴Output shaft				输入轴Input shaft				D	L	L1	kg	
									d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂					
1065	160	100	93	12	3	M6	4	9	18	6	20.5	25	10	3	11	16	185	225	185	9	
1285	185	120	118	12	3	M8	4	11	30	8	33	35	12	3	13	16	210	268	230	14	
1510	240	150	140	15	3	M8	6	15	35	10	38.5	55	14	4	16.5	20	270	325	295	36	



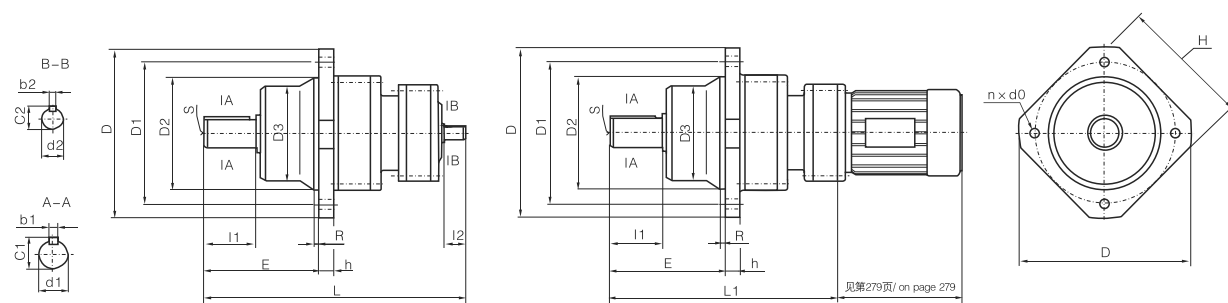
安装尺寸 Mounting dimensions

WB...-L1...



机型号 model	安装尺寸 mounting dimensions							轴伸尺寸 shaft dimensions								外形尺寸 external dimensions				重量 weight	
	D ₁	D ₂ (h8)	E	h	R	S	n	d ₀	输出轴 Output shaft				输入轴 Input shaft				D	D ₃	L	L1	kg
									d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂					
65	125	65	65	9	2.5	M4	4	7	12	4	13.5	20	7	3	11	16	145	50	135	95	2.5
85	140	85	82	10	2.5	M5		9	14	5	16	23	9	3	13	16	165	55	148	110	3.5
100	160	100	93	12	3	M6		9	18	6	20.5	25	9	4	16.5	20	185	65	174	130	7
120	185	120	118	12	3	M8		11	30	8	33	35	11	5	17	22	210	85	215	165	11
150	240	150	140	15	4	M8		15	35	10	38.5	55	15	6	22.5	30	270	115	260	200	28

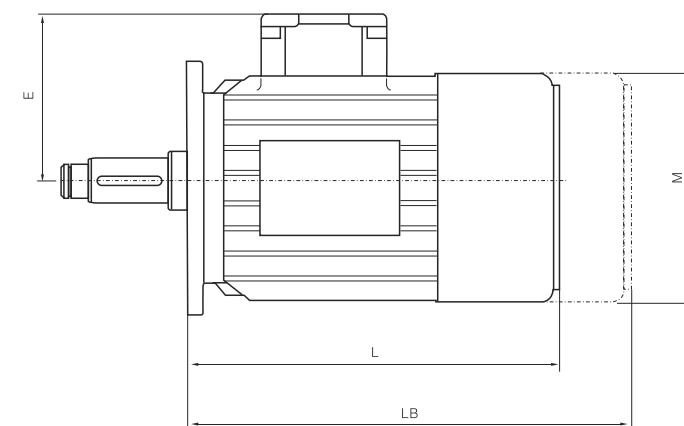
WBE...-L1...



机型号 model	安装尺寸 mounting dimensions							轴伸尺寸 shaft dimensions								外形尺寸 external dimensions				重量 weight	
	D ₁	D ₂ (h8)	E	h	R	S	n	d ₀	输出轴 Output shaft				输入轴 Input shaft				D	D ₃	L	L1	kg
									d ₁ (h6)	b ₁	c ₁	l ₁	d ₂ (h6)	b ₂	c ₂	l ₂					
1065	160	100	93	12	3	M6	4	9	18	6	20.5	25	10	3	11	16	185	65	225	185	9
1285	185	120	118	12	3	M8		11	30	8	33	35	12	3	13	16	210	85	268	230	14
1510	240	150	140	15	3	M8		15	35	10	38.5	55	14	4	16.5	20	270	115	325	295	36

直联专用电机尺寸

The dimensions of motor designed for WB series geared motor



功率 power	适配机型 adappte model	电压 (V) volt	L	LB	M	E
40	65 1065	380	130		95	80
60						
90	65 85 1065 1285		170		115	100
120						
180	85 100 1285		190		130	110
250						
370						
550	100 125 1510		225	375	150	120
750						
1100	120 150		260	430	175	155
1500						
2200	150		285	320	205	180

注: L为普通电机尺寸 Lb为制动电机尺寸
Note: L is length code of normal motor LB is the length code of break motor