

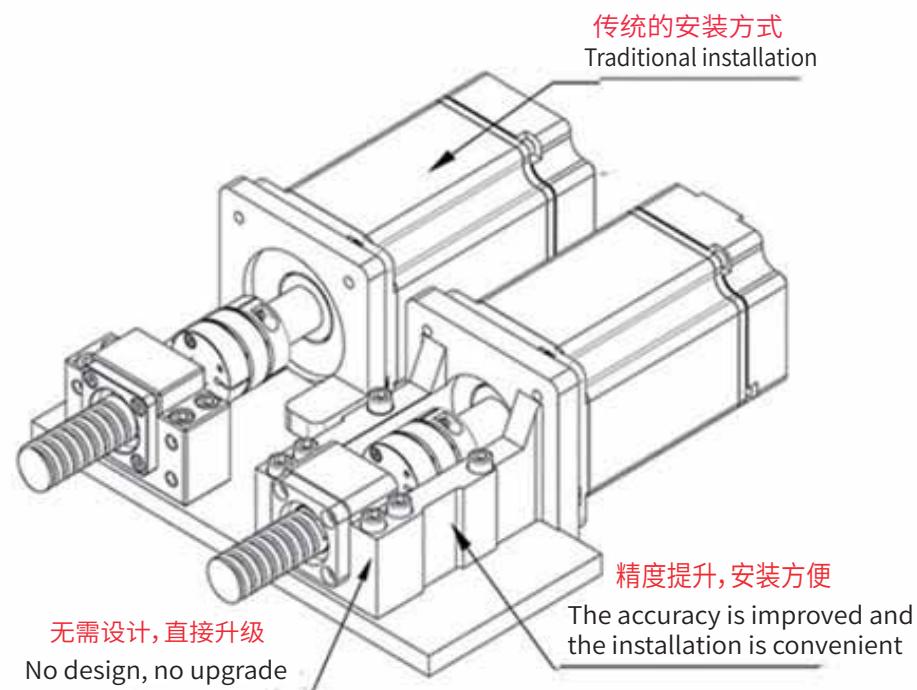
E

直线电机座系列

Linear Motor Seat Series

MBK型丝杆电机传动座

MBK screw motor drive base



直线电机座规格表

MBK10-57

MBK12-57

适配电机型号：57步进电机

MBK10-60

MBK12-60

适配电机型号：60-400W伺服电机

内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

特点/ Features

一体化马达座定位孔与轴承安装孔采取一体化加工，能最大限度保证马达轴心/联轴器轴心/轴承孔轴心/丝杆轴心等四位一体，从而克服了分离式马达座与分离式轴承座联合安装时不同轴的缺点！

轴承轴心与座体安装基面平度达到0.01/100，保证丝杆安装后的平行度。

The positioning hole of the integrated motor seat and the bearing installation hole are processed in an integrated way, which can maximize the four position integration of the motor axis / coupling axis / bearing hole axis / screwrod axis, so as to overcome the shortcomings of different shafts when the separate motor seat and the separate bearing seat are installed together!

The parallelism between the bearing shaft and the mounting surface of the base shall reach 0.01/100 to ensure the parallelism of the screw after installation

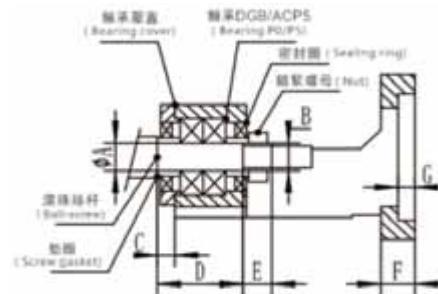
技术参数/technical parameter

型号 model	电机安装孔与轴承安装孔同轴度 concentricity	轴心与底面平行度 parallelism	座体材质 Texture of material	重量 weight	适配联轴器 Adapted coupling
MBK10-57	0.005	0.01/100	HT250	0.8	Φ30×35
MBK10-60	0.005	0.01/100	HT250	0.8	Φ30×35
MBK12-57	0.005	0.01/100	HT250	0.8	Φ30×35
MBK12-60	0.005	0.01/100	HT250	0.8	Φ30×35

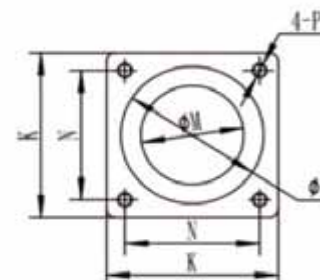


直线电机座规格表

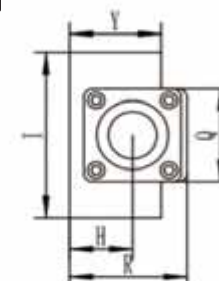
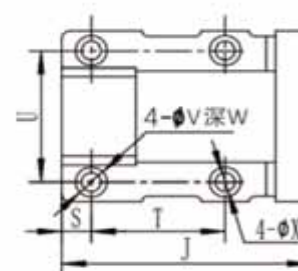
建议丝杆尺寸



电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size) 电机安装尺寸 (Installation Dimension of motor) 单位 (unit) :mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK10-57	10	M10×1	6.2	30	10	10	5	36	38.1	47.1	57	M4
MBK10-60	10	M10×1	6.2	30	10	10	5	36	50	49.5	60	M5
MBK12-57	12	M12×1	6.2	30	10	12	5	36	38.1	47.1	57	M4
MBK12-60	12	M12×1	6.2	30	10	12	5	36	50	49.5	0	M5

座体尺寸 (Seat size)

座孔尺寸 (Seat size)												
型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通	Y
MBK10-57	22	60	84	35	41	10	45	46	11	6.5	6.6	35
MBK10-60	22	60	84	35	41	10	45	46	11	6.5	6.6	35
MBK12-57	25	60	86	35	43	10	45	46	11	6.5	6.6	35
MBK12-60	25	60	86	35	43	10	45	46	11	6.5	6.6	35
				6孔	S	S2	T	U				
					6	13	30	46				

备注：

1.使用轴承经预压处理，轴向0间隙 (All types make preload)

2.轴承采用P5配对组装，最适宜滚珠丝杆使用。

(Bearing P5 pairing assembled using the most appropriate ball screw)

直线电机座规格表

MBK15-57

适配电机型号：57步进电机

MBK15-60

适配电机型号：60-400W伺服电机

MBK15-80

适配电机型号：80-750W伺服电机

MBK15-86

适配电机型号：86步进电机

MBK15-90

适配电机型号：90伺服电机/90减速机



内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

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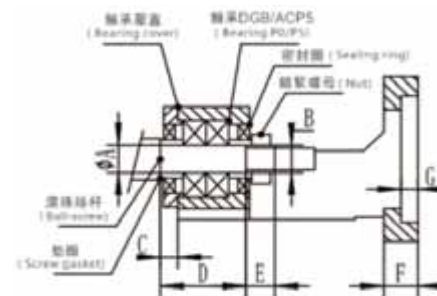
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技术参数/technical parameter

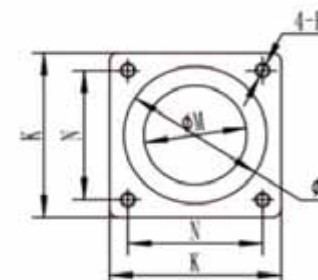
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MBK15-57	0.005	0.01/100	HT250	1.2	Φ30×40
MBK15-60	0.005	0.01/100	HT250	1.2	Φ30×40
MBK15-80	0.005	0.01/100	HT250	1.4	Φ30×50
MBK15-86	0.005	0.01/100	HT250	1.4	Φ30×50
MBK15-90	0.005	0.01/100	HT250	1.4	Φ30×50

直线电机座规格表

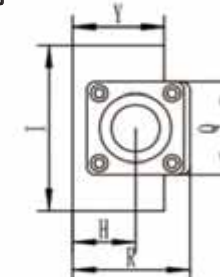
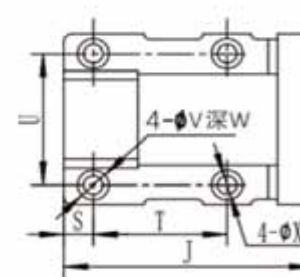
建议丝杆尺寸



电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size)

电机安装尺寸 (Installation Dimension of motor) 单位 (unit) :mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK15-57	15	M15×1	6.2	32	10	12	5	38	38.1	47.1	57	M4
MBK15-60	15	M15×1	6.2	32	10	12	5	38	50	49.5	60	M5
MBK15-80	15	M15×1	6.2	35	10	12	5	46	70	63.6	0	M5
MBK15-86	15	M15×1	6.2	35	10	12	5	46	73	69.6	86	M5
MBK15-90	15	M15×1	6.2	35	10	12	5	46	80	70.9	86	M5

座体尺寸 (Seat size)

座 寸 (Seat Size)												
型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通	Y
MBK15-57	28	70	97	40	49	12	50	56	11	6.5	6.6	39
MBK15-60	28	70	97	40	49	12	50	56	11	6.5	6.6	39
MBK15-80	28	70	106	40	49	12	55	58	11	6.5	6.6	39
MBK15-86	28	70	106	40	49	12	55	58	11	6.5	6.6	39
MBK15-90	28	70	106	40	49	12	55	58	11	6.5	6.6	39
				6孔	S	S2	T	U				
				6	15	45	前54/后58					
备 注:												

备注：

1.使用轴承经预压处理，轴向0间隙 (All types make preload)

2.轴承采用P5配对组装，最适宜滚珠丝杆使用。

(Bearing P5 pairing assembled using the most appropriate ball screw)

直线电机座规格表

MBK17-80

MBK20-80

适配电机型号：80-750W伺服电机

MBK17-86

MBK17-86

适配电机型号：86步进电机

MBK20-90

适配电机型号：90伺服电机/90减速机



内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

特点/ Features

一体化马达座定位孔与轴承安装孔采取一体化加工，能最大限度保证马达轴心/联轴器轴心/轴承孔轴心/丝杆轴心等四位一体，从而克服了分离式马达座与分离式轴承座联合安装时不同轴的缺点！

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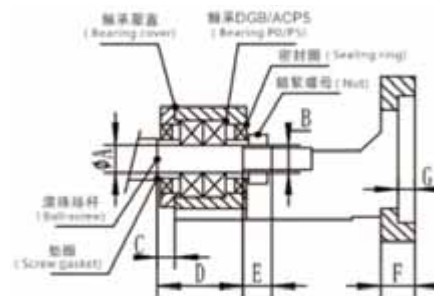
The parallelism between the bearing shaft and the mounting surface of the base shall reach 0.01/100 to ensure the parallelism of the screw after installation

技术参数/technical parameter

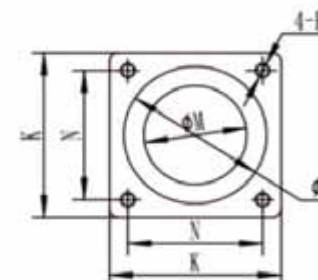
型号 model	电机安装孔与轴承安装孔同轴度 concentricity	轴心与底面平行度 parallelism	座体材质 Texture of material	重量 weight	适配联轴器 Adapted coupling
MBK17-80	0.005	0.01/100	HT250	2.3	Φ40×55
MBK17-86	0.005	0.01/100	HT250	2.3	Φ40×55
MBK20-80	0.005	0.01/100	HT250	2.3	Φ40×55
MBK20-86	0.005	0.01/100	HT250	2.3	Φ40×55
MBK20-90	0.005	0.01/100	HT250	2.3	Φ40×55

直线电机座规格表

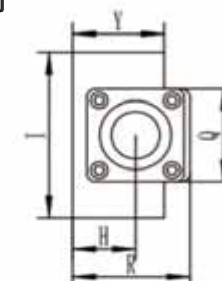
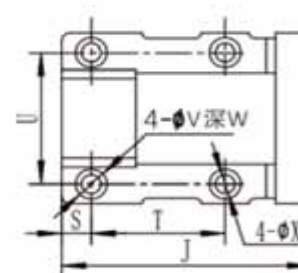
建议丝杆尺寸



电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size)

电机安装尺寸 (Installation Dimension of motor) 单位 (unit): mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK17-80	17	M17×1	10.2	43	15	13	5	54	70	63.6	80	M5
MBK17-86	17	M17×1	10.2	43	15	13	5	54	73	69.6	86	M5
MBK20-80	20	M20×1	10.2	43	15	13	5	47	70	63.6	80	M5
MBK20-86	20	M20×1	10.2	43	15	13	5	47	73	69.6	86	M5
MBK20-90	20	M20×1	10.2	43	15	13	5	47	80	70.9	86	M5

座体尺寸 (Seat size)

型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通	Y
MBK17-80	39	86	118	55	67	12	60	70	14	8.5	9	48
MBK17-86	39	86	118	55	67	12	60	70	14	8.5	9	48
MBK20-80	34	86	118	50	59	12	60	68	14	8.5	9	43
MBK20-86	34	86	118	50	59	12	60	68	14	8.5	9	43
MBK20-90	34	86	118	50	59	12	60	68	14	8.5	9	43
				6孔	S	S2	T	U				
				MBK17	8	19	45	68				
				MBK20	8	19	45	70				

备注:

1.使用轴承经预压处理，轴向0间隙 (All types make preload)

2.轴承采用P5配对组装，最适宜滚珠丝杆使用。

(Bearing P5 pairing assembled using the most appropriate ball screw)

直线电机座规格表

MBK20-110

MBK25-110

适配电机型号：110伺服/步进电机

MBK20-130

MBK25-130

MBK25B-130

适配电机型号：130伺服电机



内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

特点/ Features

一体化马达座定位孔与轴承安装孔采取一体化加工，能最大限度保证马达轴心/联轴器轴心/轴承孔轴心/丝杆轴心等四位一体，从而克服了分离式马达座与分离式轴承座联合安装时不同轴的缺点！

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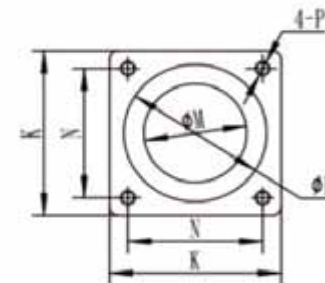
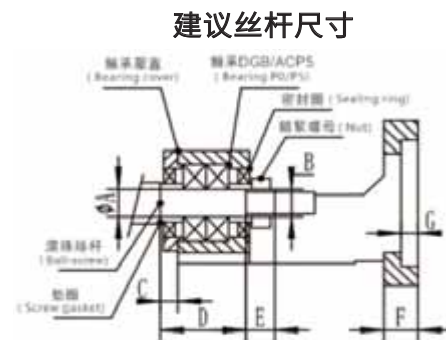
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技术参数/technical parameter

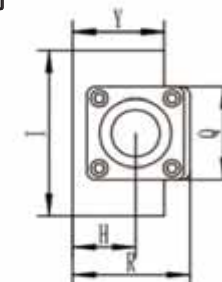
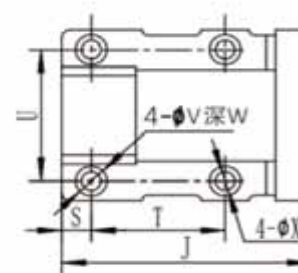
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MBK20-110	0.005	0.01/100	HT250	4	Φ40×55
MBK25-110	0.005	0.01/200	HT250	4.6	Φ40/45×66
MBK20-130	0.005	0.01/200	HT250	4.3	Φ40/45×66
MBK25-130	0.005	0.01/200	HT250	4.8	Φ40/45×66
MBK25B-130	0.005	0.01/200	HT250	7.5	Φ55×78

直线电机座规格表

电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size)

电机安装尺寸 (Installation Dimension of motor) 单位 (unit): mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK20-110	20	M20×1	10.2	42	15	18	8	60	95/85	91.9/93.9	110	M8
MBK25-110	25	M25×1.5	12.3	49	18	18	8	60	95/85	91.9/93.9	110	M8
MBK20-130	20	M20×1	10.2	42	15	15	8	60	110/100	102.5/109.6	130	M8
MBK25-130	25	M25×1.5	12.3	49	18	18	8	60	110/100	102.5/109.6	130	M8
MBK25B-130	25	M25×1.5	12.3	49	18	20	8	78	110/100	102.5/109.6	130	M8
MBK20/25-120(减速机)L=110,N=92.2										伺服/步进		

座体尺寸 (Seat size)

型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通	Y
MBK20-110	34	96	148	50	59	15	80	78	14	9	9	50
MBK25-110	48	106	153	63	79	15	85	85	17	11	11	63
MBK20-130	34	96	148	50	59	15	80	78	14	9	9	50
MBK25-130	48	106	153	63	79	15	85	85	18	11	11	63
MBK25B-130	48	134	170	85	89	20	80	110	21	15	13	68
6孔 S S2 T U												
MBK20 8 19 68 前70后78												
MBK25 10 22 68 85												

备注：

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(Bearing P5 pairing assembled using the most appropriate ball screw)

直线电机座规格表

MBK30-130

MBK35-130

适配电机型号：130伺服电机

MBK40-150

适配电机型号：150伺服电机

MBK40-180

适配电机型号：180伺服电机



内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

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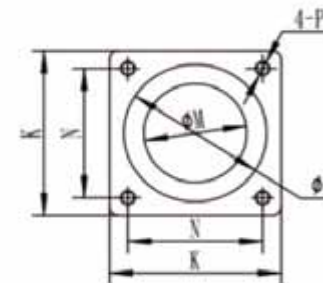
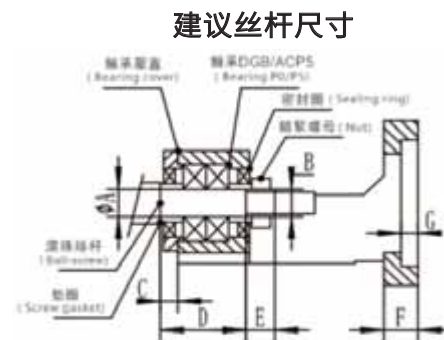
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技术参数/technical parameter

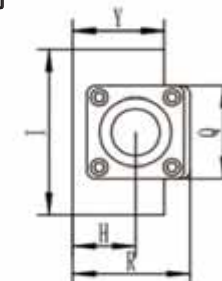
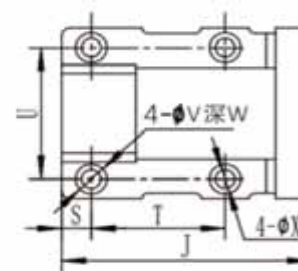
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MBK30-130	0.005	0.01/200	HT250	7.5	Φ55×78
MBK35-130	0.005	0.01/200	HT250	7.5	Φ65×90
MBK40-150	0.005	0.01/200	HT250	18	Φ65×90
MBK40-180	0.005	0.01/200	HT250	18	Φ65×90

直线电机座规格表

电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size)

电机安装尺寸 (Installation Dimension of motor) 单位 (unit) :mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK30-130	30	M30×1.5	14.2	56	21	20	8	78	110/100	102.5/109.6	130	M8
MBK35-130	35	M35×1.5	14.2	61	25	20	8	78	110/100	102.5/109.6	130	M8
MBK40-150	40	M40×1.5	18.2	70	25	25	12	78	130	123.4	180	M10
MBK40-180	40	M40×1.5	18.2	70	25	25	12	78	114.3	141.4	180	M12
MBK30/35-120(减速机)L=110,N=92.2										伺服/步进		

座体尺寸 (Seat size)

型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通	Y
MBK30-130	51	134	170	85	89	20	80	110	21	30	13	68
MBK35-130	52	134	170	85	95	20	80	110	21	30	13	70
MBK40-150	60	180	223	100	110	/	/	/	26	20	17.5	80
MBK40-180	60	180	223	100	110	/	/	/	26	20	17.5	80
				6孔	S	S2	T	U				
				MBK30	11	23	66	前102后110				
				MBK40	14	33	90	前130后150				

备注:

1.使用轴承经预压处理，轴向0间隙 (All types make preload)

2.轴承采用P5配对组装，最适宜滚珠丝杆使用。

(Bearing P5 pairing assembled using the most appropriate ball screw)

直线电机座规格表

MBK25P-130

MBK30P-130

MBK35P-130

适配电机型号：130伺服电机

MBK40-150

适配电机型号：150伺服电机

MBK40-180

适配电机型号：180伺服电机



内含部件 Included parts	座体 Seat/base	轴承 Bearing	轴承压盖 Bearing gland	密封圈 Sealing ring	垫圈 Washer	锁紧螺母 Locking nut
内含数量： QTY:	1 Pc	1组 1set	1 1pc	2 2pcs	2 2pcs	1 1pc

特点/ Features

一体化马达座定位孔与轴承安装孔采取一体化加工，能最大限度保证马达轴心/联轴器轴心/轴承孔轴心/丝杆轴心等四位一体，从而克服了分离式马达座与分离式轴承座联合安装时不同轴的缺点！

轴承轴心与座体安装基面平度达到0.01/100，保证丝杆安装后的平行度。

The positioning hole of the integrated motor seat and the bearing installation hole are processed in an integrated way, which can maximize the four position integration of the motor axis / coupling axis / bearing hole axis / screw rod axis, so as to overcome the shortcomings of different shafts when the separate motor seat and the separate bearing seat are installed together!

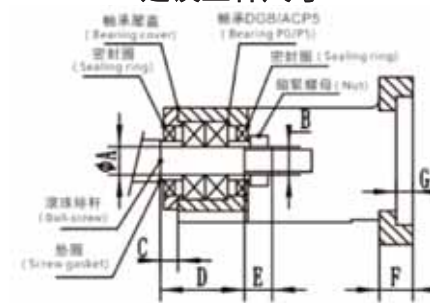
The parallelism between the bearing shaft and the mounting surface of the base shall reach 0.01/100 to ensure the parallelism of the screw after installation

技术参数/technical parameter

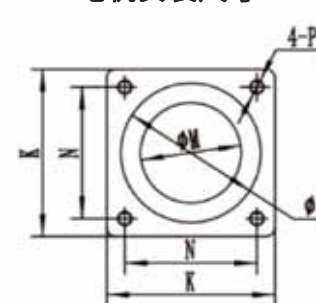
型号 model	电机安装孔与轴承安装孔同轴度 concentricity	轴心与底面平行度 parallelism	座体材质 Texture of material	重量 weight	适配联轴器 Adapted coupling
MBK25P-130	0.005	0.01/200	HT250	9.2	Φ55×78
MBK30P-130	0.005	0.01/200	HT250	9.2	Φ55×78
MBK35P-130	0.005	0.01/200	HT250	9.2	Φ55×78
MBK40P-150	0.005	0.01/200	HT250	26	Φ65×90
MBK40P-180	0.005	0.01/200	HT250	26	Φ65×90

直线电机座规格表

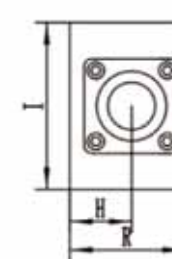
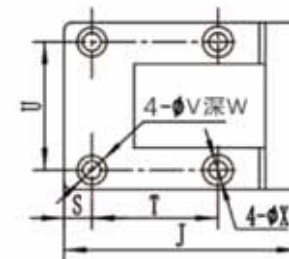
建议丝杆尺寸



电机安装尺寸



座体尺寸



建议丝杆尺寸 (Ball-screw size)

电机安装尺寸 (Installation Dimension of motor) 单位 (unit): mm

型号 model	ΦA-0.015	B	C	D	E	F	G	ΦM	ΦL+0.03	N	K	P
MBK25P-130	25	M25×1.5	12.3	49	18	18	8	60	110/100	102.5/109.6	130	M8
MBK30P-130	30	M30×1.5	14.2	56	21	20	8	78	110/100	102.5/109.6	130	M8
MBK35P-130	35	M35×1.5	14.2	61	25	20	8	78	110/100	102.5/109.6	130	M8
MBK40P-150	40	M40×1.5	18.2	70	25	25	8	78	110/100	102.5/109.6	130	M8
MBK40P-180	40	M40×1.5	18.2	70	25	25	8	78	110/100	102.5/109.6	130	M8
MBK30/35-120(减速机)L=110,N=92.2										伺服/步进		

座体尺寸 (Seat size)

型号 model	H±0.01	I	J	Q	R	S	T	U	ΦV	W	ΦX通
MBK25P-130	48	134	170	95	20	20	80	110	21	35	13
MBK30P-130	51	134	170	95	20	20	80	110	21	35	13
MBK35P-130	52	134	170	95	20	20	80	110	21	35	13
MBK40P-150	60	180	223	110	/	/	/	/	26	45	17.5
MBK40P-180	60	180	223	110	/	/	/	/	26	45	17.5
				6孔	S	S2	T	U			
				MBK30	11	23	66	前102后110			
				MBK40	14	33	90	前130后150			

备注：

1.使用轴承经预压处理，轴向0间隙 (All types make preload)

2.轴承采用P5配对组装，最适宜滚珠丝杆使用。

(Bearing P5 pairing assembled using the most appropriate ball screw)