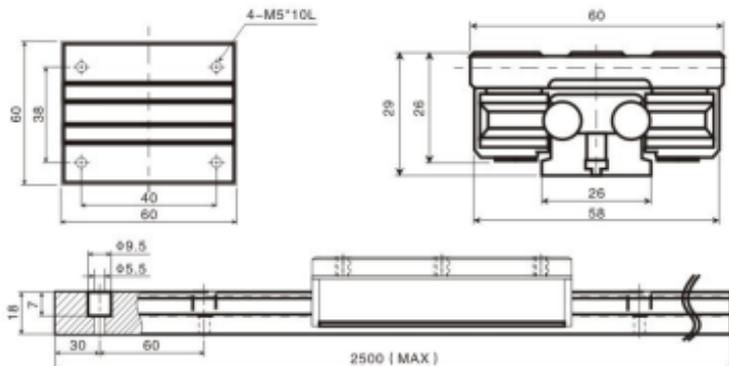


\* 部分规格可做防锈、防腐处理，详询青铁工作人员！

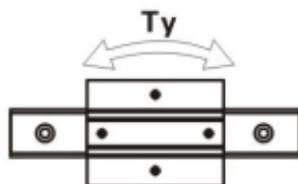
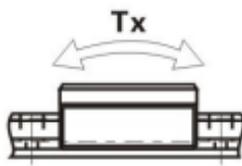
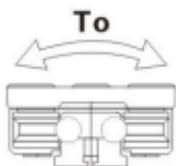
## 双轴芯直线导轨系列 axial core linear series

### LGD6



导轨型号	滑块型号	轴径	基本动额定荷重 Basic dynamic load rating C (kgf)	基本静额定荷重 Basic static load rating Co (kgf)	允许静力矩 Allowable static moment			重量 Weight	
					To (kgf-m)	Tx (kgf-m)	Ty (kgf-m)	滑块 kg	轨道 kg/m
LGD6	LGB6	$\phi 6$	100	130	2.3	1.6	1.8	0.16	1.25

注：LGB6可调整间隙为0.5mm



#### 订购方式：

订购滑块：LGB6\*60

订购滑轨：LGD6-4000L

整组订购  
LGD6-2-2500L

滑轨长度

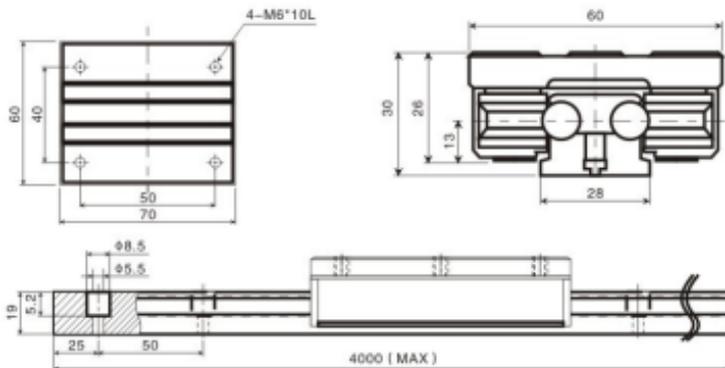
单支滑轨上的滑块数量

订购型号

\* 部分规格可做防锈、防腐处理，详询青铁工作人员！

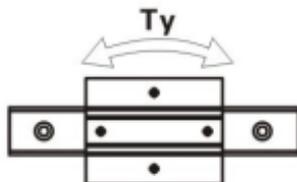
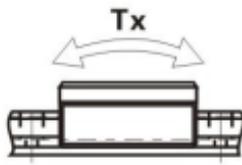
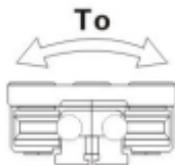
## 双轴芯直线导轨系列 axial core linear series

### LGD8



导轨型号	滑块型号	轴径	基本额定动载荷 Basic dynamic load rating C (kgf)	基本额定静载荷 Basic static load rating Co (kgf)	容许静力矩 Allowable static moment			重量 Weight	
					To (kgf-m)	Tx (kgf-m)	Ty (kgf-m)	滑块 kg	轨道 kg/m
LGD8	LGB8	φ8	80	130	3.6	3.0	3.2	0.36	2.3

注：LGB8可调整间隙为0.5mm



#### 订购方式：

订购滑块：LGB8\*70

订购滑轨：LGD8-4000L

整组订购  
LGD8-2-4000L

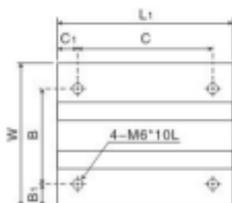
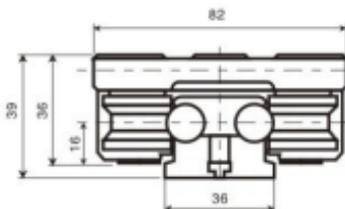
滑轨长度  
单支滑轨上的滑块数量  
订购型号

\* 部分规格可做防锈、防腐处理，详询青铁工作人员！

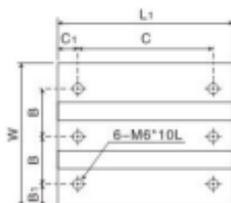
## 双轴芯导轨系列

Multi-axial core guide series

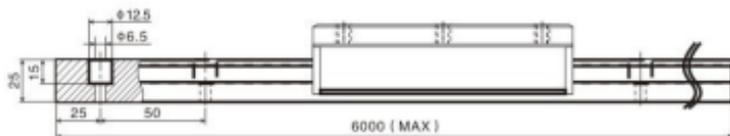
### LGD12



LGDB12-V



LGDB12-S/L/XL

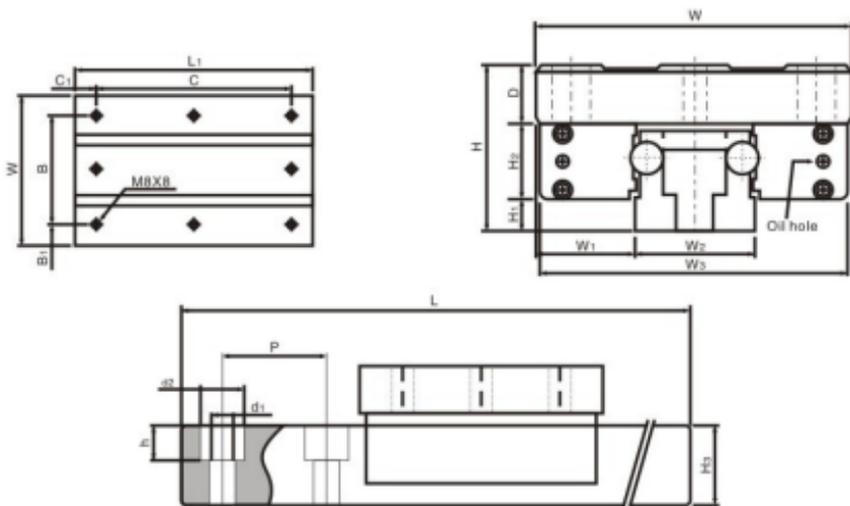


型号 Model No	滑块尺寸 (mm) Dimensions of carriage (mm)							基本动额定荷重 Basic dynamic load rating C (kgf)	基本静额定荷重 Basic static load rating Co (kgf)	容许静力矩 Allowable static moment			重量 Weight kg
	W	L1	B	B1	C	C1	Sxdepth			To kgf-m	Tx kgf-m	Ty kgf-m	
LGDB12-V	82	60	54	14	40	10	M6x12	100	150	2.1	1.6	1.9	0.32
LGDB12-S	82	100	27	14	76	12	M6x12	270	435	8.1	6.0	7.2	0.57
LGDB12-L	82	140	54	14	116	12	M6x12	270	435	8.1	10.8	12.7	0.73
LGDB12-XL	82	160	27	14	136	12	M6x12	270	435	8.1	13.2	15.5	0.85

\* 部分规格可做防锈、防腐处理，详询青铁工作人员！

## 双轴芯导轨系列 Multi-axial core guide series

### LGD16

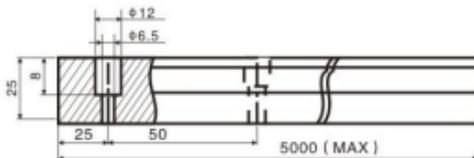
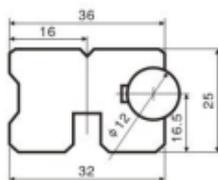


型号	轴径	组合尺寸					滑块尺寸							导轨尺寸						
		H	H <sub>1</sub>	W <sub>1</sub>	W	W <sub>3</sub>	H <sub>2</sub>	D	L <sub>1</sub>	B	B <sub>1</sub>	C	C <sub>1</sub>	S <sub>1</sub>	H <sub>3</sub>	d <sub>1</sub>	d <sub>2</sub>	h	P	L <sub>max</sub>
LGDB16A	16	50	5	35	120	118	45	14	160	90	15	120	15	M8X8	32	9.5	21	17	80	4000
LGDB16L									190			150								

## 单轴芯导轨系列

Single-axial core guide series

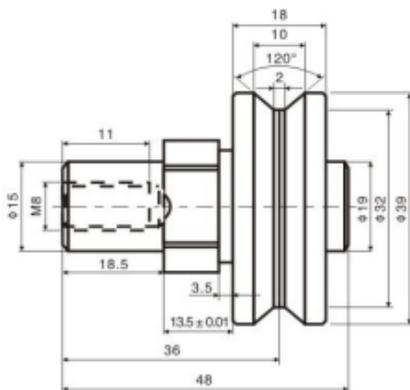
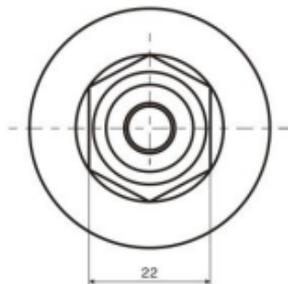
### TGD 12



## 滚轮轴承BD391518

注: 滚轮轴承有偏心不偏心两种

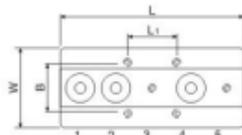
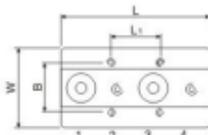
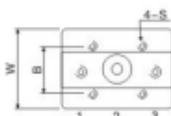
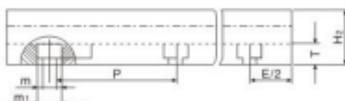
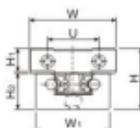
偏心可调整间隙为1.5mm



导轨型号	滚轮轴承 型号	轴 径	基本动额定荷重 Basic dynamic load rating C (kgf)	基本静额定荷重 Basic static load rating Co (kgf)	容许静力矩 Allowable static moment			重量 Weight	
					To (kgf-m)	Tx (kgf-m)	Ty (kgf-m)	滑块 kg	轨道 kg/m
TGD 12	BD391518	12	180	290	5.4	4.0	4.8	0.53	

## 内置双轴芯导轨系列 Rectangle wheel linear rail series

### SG

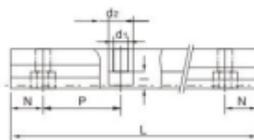
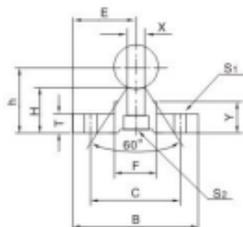


SG		全套		导轨SGR										滑座SGB													
SGR	SGB	H	W	W1	H2	dp	轴 直径	重量 (kg)	T	m1	m	W	H1	L	B	L1	S	滑轮 数量	偏心轮 位置	基本动力 安全负荷(N)	Yo	Zo	动力距(N.m)	Mxo	Myo	Mzo	重量 (kg/m)
	-3						120	6	1.55	8	8	4.5	44	12	60			M5	3	2	490	460	10.2	9.2	9.8	110	
15N	-4	32	44	38	18.5	6	120	6	1.55	8	8	4.5	44	12	80	26	26	M5	4	1,3	700	660	14.5	13.2	14	145	
	-5						120	6	1.55	8	8	4.5	44	12	100			M5	5	1,1,4	980	920	20.3	37	39	185	
	-3						120	6	1.764	8	8	4.5	46	12	52			M5	3	2	490	460	13.8	7.4	7.8	105	
15	-4	32	46	46	18.5	6	120	6	1.764	8	8	4.5	46	12	72	32	36	M5	4	1,3	700	660	19.8	21.1	22.4	140	
	-5						120	6	1.764	8	8	4.5	46	12	84			M5	5	1,1,4	980	920	27.7	44.3	47	170	
	-3						120	6	2.247	9	9.5	5.5	47	12	80			M6	3	2	700	980	29.4	25.4	18.2	195	
20N	-4	36	47	47	22.5	6	120	6	2.247	9	9.5	5.5	47	12	106	38	30	M6	4	1,3	1000	1400	42	72.8	32	265	
	-5						120	6	2.247	9	9.5	5.5	47	12	132			M6	5	1,1,4	1400	1960	84.2	129	92.4	350	
	-3						120	8	2.744	9	9.5	5.5	60	12	72			M6	3	2	700	980	42.1	21.5	15.4	210	
20	-4	36	60	60	22.5	6	120	8	2.744	9	9.5	5.5	60	12	100	50	40	M6	4	1,3	1000	1400	60.2	81.6	44	280	
	-5						120	8	2.744	9	9.5	5.5	60	12	116			M6	5	1,1,4	1400	1960	84.2	129	92.4	350	
	-3						120	10	3.873	10	11	6.5	70	16.3	100			M8	3	2	1260	1470	67.62	48.51	41.58	460	
25	-4	44	70	69	26	7	120	10	3.873	10	11	6.5	70	16.3	133	57	45	M8	4	1,3	1800	2100	96.6	138.6	118.1	615	
	-5						120	10	3.873	10	11	6.5	70	16.3	166			M8	5	1,1,4	2520	2940	135.0	209.06	249.48	775	
	-3						120	12	6.442	12	14	8.5	100	18	140			M10	3	2	2800	2800	159.6	126	128	1100	
35	-4	55	100	90	35	8.5	160	12	6.442	12	14	8.5	100	18	185	82	62	M10	4	1,3	4000	4000	228	360	360	1450	
	-5						160	12	6.442	12	14	8.5	100	18	230			M10	5	1,1,4	5600	5600	319.2	758	756	1835	

## 直线滑动单元支撑系列

### Linear motion ball slide units series

#### SBR

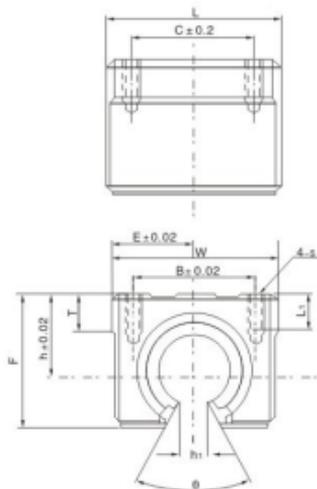


支撑型号 Support Designation	轴径尺寸 Shaft Dimensions	尺寸 Dimensions (mm)										重量 Weight (kg/m)	
		E	h	B	H	T	F	X	Y	C	S <sub>1</sub>		S <sub>2</sub> d <sub>1</sub> x <sub>2</sub> x <sub>3</sub>
SBR16	φ16	20	25	40	17.8	5	18.5	8	11.7	30	φ5.5	5.5X9.5X5.4	1.00
SBR20	φ20	22.5	27	45	17.7	5	19	8	10	30	φ5.5	5.5X9.5X5.4	1.07
SBR25	φ25	27.5	33	55	21	6	21.5	8	12	35	φ6.6	6.6X11X6.5	1.50
SBR30	φ30	30	37	60	22.8	7	26.5	10.3	13	40	φ6.6	6.6X11X6.5	1.90
SBR35	φ35	32.5	43	65	26.5	8	28	13	15.5	45	φ9	9X14X8.6	2.45
SBR40	φ40	37.5	48	75	29.5	9	38	15.5	17	55	φ9	9X14X8.6	3.25
SBR50	φ50	47.5	62	95	38.8	11	45	20	21	70	φ11	11X17.5X10.8	5.26

#### 导轨支撑的标准长度和尺寸 Support Rail Stand Lengths and Dimensions

型号 Model No.	SBR16	SBR20	SBR25	SBR30	SBR35	SBR40	SBR50
标准长度 Standard Length L	190	340	250	450	460	460	470
	340	640	450	850	660	660	670
	640	940	850	1250	860	860	870
	940	1240	1250	1450	1060	1060	1070
N	20	20	25	25	30	30	35
P	150	150	200	200	200	200	200
最大长度Max.Length	1390	1390	1850	1850	1860	1860	2070

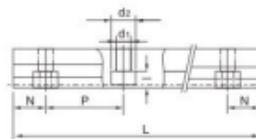
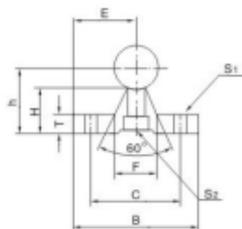
## 直线滑动单元滑块系列 Linear motion ball slide units series SBR...UU SBR...LUU



滑块型号 Unit Designation	主要尺寸 Dimensions (mm)												配合直线轴承 Slide bush			重量 Weight (kg/m)
	h	E	W	L	F	h1	Ø	B	C	S	L1	T	型号 Designation	重量 Weight (kg/m)	重量 Weight (kg/m)	
SBR 10UU	15	18	36	32	24	6	80°	25	20	M5	10	7	LM10UU-OP	372	549	65
SBR 13UU	17	20	40	39	27.6	8.5	80°	28	28	M5	10	8	LM13UU-OP	510	784	100
SBR 16UU	20	22.5	45	45	33	10	80°	32	30	M5	12	9	LM16UU-OP	774	1180	150
SBR 20UU	23	24	48	50	39	10	60°	35	35	M6	12	11	LM20UU-OP	882	1370	200
SBR 25UU	27	30	60	65	47	11.5	50°	40	40	M6	12	14	LM25UU-OP	980	1570	450
SBR 30UU	33	35	70	70	56	14	50°	50	50	M8	18	15	LM30UU-OP	1570	2740	630
SBR 35UU	37	40	80	80	63	16	50°	55	55	M8	18	18	LM35UU-OP	1670	3140	925
SBR 40UU	42	45	90	90	72	19	50°	65	65	M10	20	20	LM40UU-OP	2160	4020	1330
SBR 50UU	53	60	120	110	92	23	50°	94	80	M10	20	25	LM50UU-OP	3820	7940	3000
SBR 16LUU	20	22.5	45	85	33	10	80°	32	60	M5	12	9	LM16LUU-OP	1548	2360	300
SBR 20LUU	23	24	48	96	39	10	60°	35	70	M6	12	11	LM20LUU-OP	1764	2740	400
SBR 25LUU	27	30	60	130	47	11.5	50°	40	100	M6	12	14	LM25LUU-OP	1960	3140	900
SBR 30LUU	33	35	70	140	56	14	50°	50	110	M8	18	15	LM30LUU-OP	3140	5480	1260
SBR 40LUU	42	45	90	175	72	19	50°	65	180	M10	20	20	LM40LUU-OP	4320	8040	2660

## 直线滑动单元支撑系列 Linear motion ball slide units series

### TBR



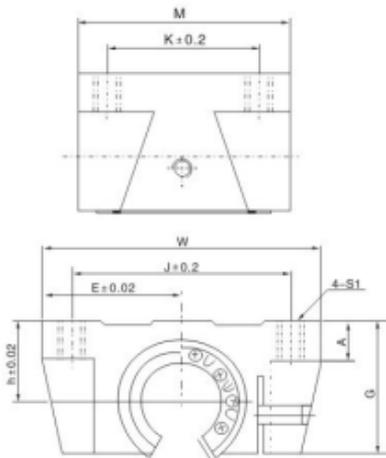
支撑型号 Support Designation	轴径尺寸 Shaft Dimensions	尺寸 Dimensions (mm)										重量 Weight (kg/m)
		E	h	B	H	T	F	C	S <sub>1</sub>	S <sub>2</sub>		
TBR16	φ16	25	22.14	50	14.96	6	18.71	37	φ5.5	5.5X9.5X5.4	1.10	
TBR20	φ20	27.5	29.01	55	19.37	8	18.96	40	φ5.5	5.5X9.5X5.4	1.80	
TBR25	φ25	32.5	31.97	65	20.14	10	20	45	φ6.6	6.6X11X6.5	2.05	
TBR30	φ30	37.5	36.52	75	22.45	12	22.96	55	φ6.6	6.6X11X6.5	2.80	

### 导轨支撑的标准长度和尺寸 Support Rail Stand Lengths and Dimensions

型号 Model No.	TBR16	TBR20	TBR25	TBR30
标准长度 Standard Length L	180	340	250	450
	240	640	450	850
	640	940	850	1250
	940	1240	1250	1450
N	20	20	25	25
P	150	150	200	200
最大长度Max.Length	4000	4000	4000	4000

## 直线滑动单元滑块系列 Linear motion ball slide units series

### TBR...UU TBR...LUU



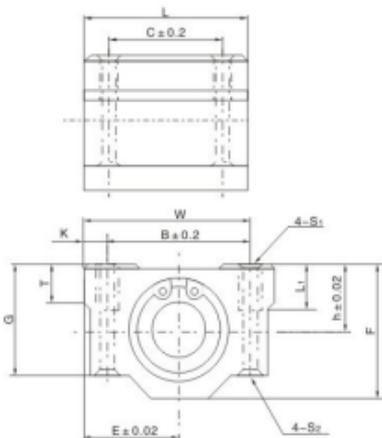
支撑型号 Support Designation	轴承尺寸 Shaft Dimensions	基本动载荷 Basic load rating		尺寸 Dimensions (mm)										配合直线轴承 Slide bush	
		动 dynamic CN	静 static CoN	W	G	A	M	S1	J	K	E	h	型号 Designation	基本动载荷 Basic load rating 动 CN	静 CoN
TBR16UU	φ16	392	490	62	26	8	42	M5	50	30	31	18	LM16UU-OP	392	490
TBR20UU	φ20	784	1176	68	31	10	51	M6	54	37	34	21	LM20UU-OP	784	1176
TBR25UU	φ25	1568	2352	82	41	12	65	M8	65	50	41	28	LM25UU-OP	1568	2352
TBR30UU	φ30	1764	2940	91	48	12	75	M8	75	60	45.5	33.5	LM30UU-OP	1764	2940

TBR16LUU	φ16	780	980	62	26	8	85	M5	50	60	31	18	LM16LUU-OP	392	490
TBR20LUU	φ20	1568	2352	68	31	10	96	M6	54	70	34	21	LM20LUU-OP	784	1176
TBR25LUU	φ25	3136	4704	82	41	12	130	M8	65	100	41	28	LM25LUU-OP	1568	2352
TBR30LUU	φ30	3528	5880	91	48	12	140	M8	75	110	45.5	33.5	LM30LUU-OP	1764	2940

## 直线滑动单元滑块系列

Linear motion ball slide units series

### SCS...UU SCS...LUU

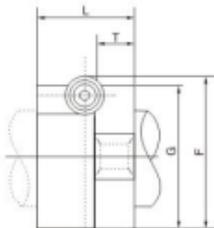
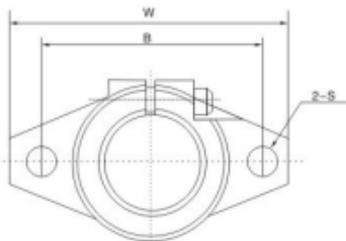


滑块型号 Unit Designation	主要尺寸 Dimensions (mm)											配合直线轴承 Slide bush			重量 weight (g)		
	T	h	E	W	L	F	G	B	C	K	S1	S2	L1	型号 Designation		重量 Weight	重量 Weight
SCS 6UU	6	9	15	30	25	18	15	20	15	5	M4	3.4	8	LM 6UU	206	265	34
SCS 8UU	6	11	17	34	30	22	18	24	18	5	M4	3.4	8	LM 8UU	274	392	52
SCS 10UU	8	13	20	40	35	26	21	28	21	6	M5	4.3	12	LM 10UU	372	549	92
SCS 12UU	8	15	21	42	36	28	24	30.5	26	5.75	M5	4.3	12	LM 12UU	510	784	102
SCS 13UU	8	15	22	44	39	30	24.5	33	26	5.5	M5	4.3	12	LM13UU	510	784	120
SCS 16UU	9	19	25	50	44	38.5	32.5	36	34	7	M5	4.3	12	LM 16UU	774	1180	200
SCS 20UU	11	21	27	54	50	41	35	40	40	7	M6	5.2	12	LM 20UU	882	1370	255
SCS 25UU	12	26	38	76	67	51.5	42	54	50	11	M8	7	18	LM 25UU	980	1570	600
SCS 30UU	15	30	39	78	72	59.5	49	58	58	10	M8	7	18	LM 30UU	1570	2740	735
SCS 35UU	18	34	45	90	80	68	54	70	60	10	M8	7	18	LM 35UU	1670	3140	1100
SCS 40UU	20	40	51	102	90	78	62	80	60	11	M10	8.7	25	LM 40UU	2160	4020	1590
SCS 50UU	25	52	61	122	110	102	80	100	80	11	M10	8.7	25	LM 50UU	3820	7940	3340
SCS 60UU	30	58	66	132	122	114	94	108	90	12	M10	10.7	25	LM 60UU	4700	10000	4270
SCS 8LUU	6	11	17	34	58	22	18	24	42	5	M4	3.4	8	LM 8LUU	274	392	100
SCS 10LUU	8	13	20	40	68	26	21	28	45	6	M5	4.3	12	LM 10LUU	372	549	180
SCS 12LUU	8	15	21	42	70	28	24	30.5	50	5.75	M5	4.3	12	LM 12LUU	510	784	200
SCS 13LUU	8	15	22	44	75	30	24.5	33	50	5.5	M5	4.3	12	LM13LUU	510	784	230
SCS 16LUU	9	19	25	50	85	38.5	32.5	36	60	7	M5	4.3	12	LM 16LUU	774	1180	390
SCS 20LUU	11	21	27	54	96	41	35	40	70	7	M6	5.2	12	LM 20LUU	882	1370	490
SCS 25LUU	12	26	38	76	130	51.5	42	54	100	11	M8	7	18	LM 25LUU	980	1570	1165
SCS 30LUU	15	30	39	78	140	59.5	49	58	110	10	M8	7	18	LM 30LUU	1570	2740	1430
SCS 35LUU	18	34	45	90	155	68	54	70	120	10	M8	7	18	LM 35LUU	1670	3140	2130
SCS 40LUU	20	40	51	102	175	78	62	80	140	11	M10	8.7	25	LM 40LUU	2160	4020	3090
SCS 50LUU	25	52	61	122	215	102	80	100	160	11	M10	8.7	25	LM 50LUU	3820	7940	6530
SCS 60LUU	30	58	66	132	240	114	94	108	180	12	M12	10.7	25	LM 60LUU	4700	10000	9290

## 直线滑动单元支撑系列

Winding shape ball joint rod ends series

### SHF



型号 Model No.	轴径 Shaft Diameter	主要尺寸 Dimensions (mm)							锁紧螺栓 Locking Bolt	安装螺栓 Clamping Bolt	重量 weight (kg)
		W	L	T	F	G	B	S			
SHF 3	3	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 4	4	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 5	5	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 6	6	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 8	8	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 10	10	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF 12	12	47	13	7	28	25	36	5.5	M4	M5	0.020
SHF 13	13	47	13	7	28	25	36	5.5	M4	M5	0.020
SHF 16	16	50	16	8	31	28	40	5.5	M4	M5	0.027
SHF 20	20	60	20	8	37	34	48	7	M5	M6	0.040
SHF 25	25	70	25	10	42	40	56	7	M5	M6	0.060
SHF 30	30	80	30	12	50	46	64	9	M6	M8	0.110
SHF 35	35	92	35	14	58	50	72	12	M8	M10	0.380
SHF 40	40	102	40	16	67	56	80	12	M10	M10	0.510
SHF 50	50	122	50	19	83	70	96	14	M12	M12	0.890
SHF 60	60	140	60	23	95	82	112	14	M12	M12	1.500

注: 用于直线光轴两端固定作用。

## 圆柱直线导轨 (光轴) 系列

Cylinder linear rail series

**WC**                      **WCS**                      **WCAS**  
 WC标准型    WCS镀铬型    WCAS不锈钢轴

主要用途:

直线轴在自动传动装置上有广泛运用, 诸如工业机器人、自动记录仪、计算机、精密打印机、特殊气缸、自动塑木机等工业自动机器。同时由于他的坚硬, 还可延长普通精密仪器的使用寿命。

材料: GCr15 45#碳钢

硬度: HRC62±2

精度: g6 h6

粗糙度: 不低于0.8mm (Rmax)

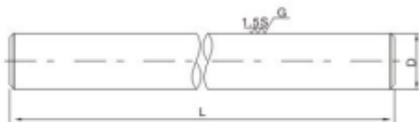
硬带: 0.8mm~3mm

外径: 3~120

等级长度: 100mm~3010mm (6000mm is available)

直度: 100mm不超过5mm

圆度: 不超过3.0mm (Rmax)



直径 (mm)	型号		精度(μm)	标准长度 [ mm ]																	有效条件硬带	重量 (kg/m)				
	WC (WCAS)	WCS		g6	100	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000			3500	4000	5000	6000
3	WC3	WCS3	-2--8																						不多于 1.0	0.06
4	WC4	WCS4																								0.10
5	WC5	WCS5	-4--12																						0.15	
6	WC6	WCS6																							0.23	
8	WC8	WCS8																							0.40	
10	WC10	WCS10	-5--14																						不少于 1.0	0.62
12	WC12	WCS12																								0.89
13	WC13	WCS13	-6--17																						1.04	
16	WC16	WCS16																							1.58	
20	WC20	WCS20																							不少于 1.5	2.47
25	WC25	WCS25	-7--20																							3.85
30	WC30	WCS30																							5.55	
35	WC35	WCS35																							7.55	
40	WC40	WCS40	-9--25																						不少于 2.5	9.87
50	WC50	WCS50																								15.4
60	WC60	WCS60																							22.2	
80	WC80	WCS80	-10--29																						不少于 3.0	39.5
100	WC100	WCS100																								61.7
120	WC120	WCS120	-12--34																						88.8	
150	WC150	WCS150	-14--39																						139.0	

注: 1、带颜色 的方格可以提供各规格的长度。

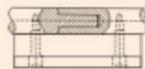
## >>> 轴的特殊加工 Special Machining for Shaft

我公司可为您提供直径 $\phi 5\text{mm} - \phi 150\text{mm}$ , 最大长度可达6000mm的各种直线轴。

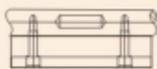
1. 当您在长度上有特殊要求时, 我公司可满足不同长度的加工要求, 当您要求长度大于6000mm时, 我们还可以为您对接。(见图a)

We can offer linear shaft with diameter  $\phi 5\text{ mm} - \phi 150\text{mm}$ , maximum length up to 6000mm.

1. When you are special requirements on length, we can meet your machining requirements with different length; when you request above 6000mm, we can anti-connect for you. (shown in Fig a)



暗接 Dowel joint



暗接 Dowel joint



平接 Butted joint



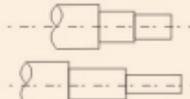
螺纹连接后磨口连接  
Threaded and ground joint

2. 当您有特殊的加工要求时, 如车螺纹、车端头打孔、铁键槽、径向打孔、车阶梯轴等。我们都为您提供加工, 并且这些特殊加工是在热处理镀锌后完成的, 因此保证了产品的精度。请把草图或对产品的询价及特殊加工要求告诉我们, 我们的服务会令您满意的。

2. When you are special requirements on machining, such as threading, coaxial holes drilled and tapped, radial holes drilled and tapped, reduced shaft diameter etc, we can machine for you, and these special machines are finished after heat treatment and hard chromic so that ensure the precision of product. send us your detailed sketch or blue print for prompt quotation and action. your should be satisfied with our service.



车螺纹 THREADING



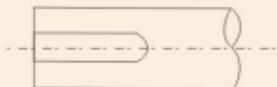
车阶梯轴 REDUCED SHAFT DIAMETER



轴端打孔 COAXIAL HOLES DRILLED AND TAPPED



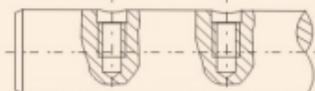
键槽-单槽或多槽 FLATS-SINGLE OR MULTIPLE



铁键槽 KEY WAY



车卡环槽 SNAP RING GROOVES



径向打孔 RADIAL HOLES DRILLED AND TAPPED

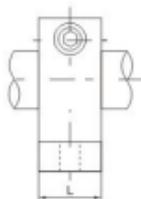
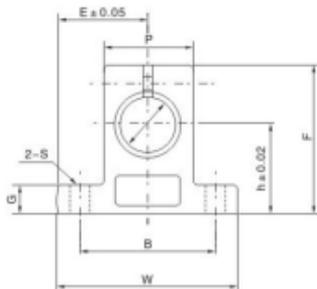


车倒角 CHAMFERING

## 直线滑动单元支撑系列

Linear motion ball slide units series

**SK**

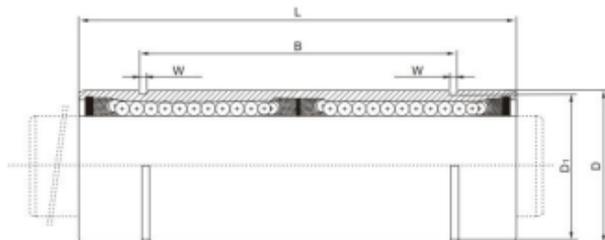


支撑型号 Support Designation	轴承尺寸 Shaft Dimensions	主要尺寸 Dimensions (mm)									锁紧螺栓 Locking Bolt	安装螺栓 Clamping Bolt	重量 weight (g)
		h	E	W	L	F	G	P	B	S			
SK 8	8	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SK 10	10	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SK 12	12	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SK 13	13	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SK 16	16	27	24	48	16	44	8	25	38	5.5	M4	M5	40
SK 20	20	31	30	60	20	51	10	30	45	6.6	M5	M6	70
SK 25	25	35	35	70	24	60	12	38	56	6.6	M6	M6	130
SK 30	30	42	42	84	28	70	12	44	64	9	M6	M8	180
SK 35	35	50	49	98	32	82	15	50	74	11	M8	M10	270
SK 40	40	60	57	114	36	96	15	60	90	11	M8	M10	420
SK 50	50	70	63	126	40	120	18	74	100	14	M12	M12	750
SK 60	60	80	74	148	45	136	18	90	120	14	M12	M12	1100

## 直线轴承系列

Linear bearing series

## LM...LUU

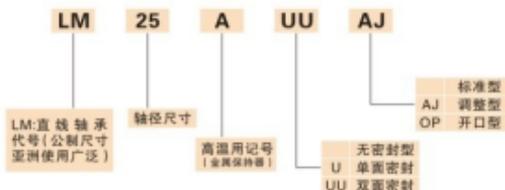


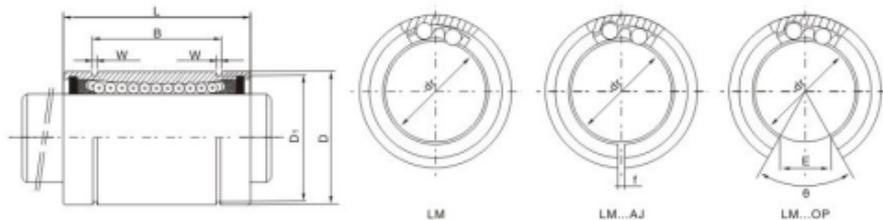
规格型号			主要尺寸 (mm)				W	D <sub>1</sub>	偏心 (最大) μm	径向间隙 容许值 μm	基本额定荷重	
标准型	钢珠列	重量 g	内径 d 容许差	外径 D 容许差	长度 L 容许差	B 容许差					CN	CoN
LM3LUU	4	3	3	7	19	-	-	-	10	-2	139	216
LM4LUU	4	4	4	8	23	-	-	-	10	-3	139	254
LM5LUU	4	8	5	10 <sup>0</sup>	29 <sup>-0.013</sup>	20 <sup>-0.3</sup>	1.1	9.6	10	-3	263	412
LM6LUU	4	16	6	12	35	27	1.1	11.5	15	-5	324	529
LM8LUU	4	31	8	15 <sup>0</sup>	45 <sup>-0.3</sup>	35	1.1	14.3	15	-5	431	784
LM10LUU	4	62	10	19	55	44	1.3	18	15	-5	588	1100
LM12LUU	4	80	12	21 <sup>0</sup>	57	46	1.3	20	15	-5	657	1200
LM13LUU	4	90	13	23 <sup>-0.016</sup>	61	46	1.3	22	15	-7	814	1570
LM16LUU	5	145	16	28	70	53 <sup>0</sup>	1.6	27	15	-7	1230	2350
LM20LUU	5	180	20	32	80	61 <sup>-0.3</sup>	1.6	30.5	20	-9	1400	2750
LM25LUU	6	440	25	40 <sup>0</sup>	112 <sup>-0.019</sup>	82	1.85	38	20	-9	1560	3140
LM30LUU	6	580	30	45 <sup>-0.012</sup>	123	89	1.85	43	20	-9	2490	5490
LM35LUU	6	795	35	52	135	99	2.1	49	25	-13	2650	6270
LM40LUU	6	1170	40	60 <sup>0</sup>	154 <sup>-0.022</sup>	121 <sup>0</sup>	2.1	57	25	-13	3430	8040
LM50LUU	6	3100	50	80 <sup>-0.015</sup>	192 <sup>-0.4</sup>	148	2.6	76.5	25	-13	6080	15900
LM60LUU	6	3500	60	90 <sup>0</sup>	211 <sup>-0.025</sup>	170	3.15	86.5	25	-16	7650	20000

## 直线轴承系列 Linear bearing series LM...UU



轴承型号 Designation					尺寸和公差 Major dimensions and tolerance			
LM...UU (标准型)	球列数 Ball circuit	重量 Weight(g)	LM...AJ (肩隔调整型)	LM...OP (开放型)	dr (mm)	公差 Tolerance(mm)		
						精度 Precision J (精密级)	精度 Precision P (普通级)	
LM 4UU	4	1.9	-	-	4	0 -0.005	0 -0.008	
LM 5UU	4	4	-	-	5			
LM 6UU	4	8	LM6-AJ	-	6			
LM 8SUU	4	11	LM8-AJ	-	8			
LM 8UU	4	16	LM8-AJ	-	8			
LM 10UU	4	30	LM10-AJ	LM10-OP	10	0 -0.006	0 -0.009	
LM 12UU	5	31.5	LM12-AJ	LM12-OP	12			
LM 13UU	5	43	LM13-AJ	LM13-OP	13			
LM 16UU	5	69	LM16-AJ	LM16-OP	16			
LM 20UU	6	87	LM20-AJ	LM20-OP	20			
LM 25UU	6	220	LM25-AJ	LM25-OP	25	0 -0.007	0 -0.0010	
LM 30UU	6	250	LM30-AJ	LM30-OP	30			
LM 35UU	6	390	LM35-AJ	LM35-OP	35			
LM 40UU	6	585	LM40-AJ	LM40-OP	40	0 -0.008	0 -0.0012	
LM 50UU	6	1580	LM50-AJ	LM50-OP	50			
LM 60UU	6	2000	LM60-AJ	LM60-OP	60	0 -0.009	0 -0.0015	
LM 80UU	6	4420	LM80-AJ	LM80-OP	80			
LM 100UU	6	8600	LM100-AJ	LM100-OP	100	0 -0.010	0 -0.020	



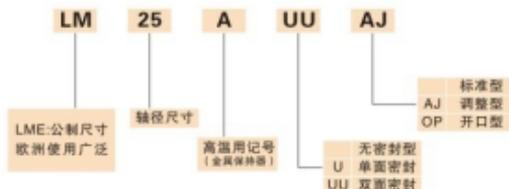


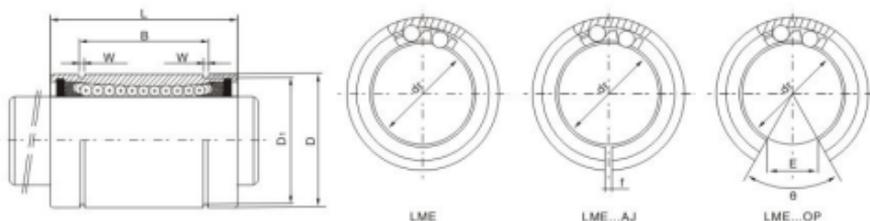
尺寸和公差 Major dimensions and tolerance											额定负荷 Ratings load		型号 Model No.
D (mm)	公差 Tolerance(mm)	L (mm)	公差 Tolerance(mm)	B (mm)	公差 Tolerance(mm)	W (mm)	D <sub>1</sub> (mm)	l (mm)	E (mm)	θ	动负荷 Dynamic CN	静负荷 Statoc CoN	
8	0	12	0	-	-	-	-	-	-	-	88	127	LM 4UU
10	-0.009	15	-0.12	10.2	-0.2	1.1	9.6	-	-	-	167	206	LM 5UU
12	0	19	-0.2	13.5		1.1	11.5	1	-	-	206	265	LM 6UU
15		17		11.5		1.1	14.3	1	-	-	176	216	LM 85UU
15	-0.011	24	0	17.5		1.1	14.3	1	-	-	274	392	LM 8UU
19	0	29	-0.2	22	-0.2	1.3	18	1	6.8	80°	372	549	LM 10UU
21		30		23		1.3	20	1.5	8	80°	510	784	LM 12UU
23	-0.013	32	-0.3	23	-0.3	1.3	22	1.5	9	80°	510	784	LM 13UU
28	0	37		26.5		1.6	27	1.5	11	80°	774	1180	LM 16UU
32		-0.016	42	0	30.5	-0.3	1.6	30.5	1.5	11	60°	882	1370
40	0	59	-0.3	41	-0.3		1.85	38	2	12	50°	980	1570
45		64		44.5		1.85	43	2.5	15	50°	1570	2740	LM 30UU
52	0	70	-0.3	49.5	-0.3	2.1	49	2.5	17	50°	1670	3140	LM 35UU
60		80		60.5		2.1	57	3	20	50°	2160	4020	LM 40UU
80	-0.019	100	-0.4	74	-0.4	2.6	76.5	3	25	50°	3820	7940	LM 50UU
90	0	110		85		3.15	86.5	3	30	50°	4700	10000	LM 60UU
120	-0.022	140	0	105.5	-0.4	4.15	116	3	40	50°	7350	16000	LM 80UU
150	0	175	-0.4	125.5		4.15	145	3	50	50°	14120	34800	LM 100UU

## 直线轴承系列 Linear bearing series LME...UU



轴承型号 Designation					尺寸和公差 Major dimensions and tolerance		
LME...UU	球列数 Ball circuit	重量 Weight(g)	LME...AJ ( 筒隔调整型 )	LME...OP ( 开腔型 )	Dr(mm)	公差 Tolerance(mm)	
						精度 Precision J	精度 Precision P
LME 4UU	4	1.9	-	-	4	+0.008 0	
LME 5UU	4	11	LME5-AJ	-	5		
LME 8UU	4	20	LME8-AJ	-	8		
LME 10UU	4	29.5	LME10-AJ	LME10-OP	10		
LME 12UU	5	41	LME12-AJ	LME12-OP	12		
LME 16UU	5	57	LME16-AJ	LME16-OP	16	+0.009 -0.001	
LME 20UU	6	91	LME20-AJ	LME20-OP	20		
LME 25UU	6	215	LME25-AJ	LME25-OP	25		
LME 30UU	6	325	LME30-AJ	LME30-OP	30	+0.011 -0.001	
LME 40UU	6	705	LME40-AJ	LME40-OP	40		
LME 50UU	6	1130	LME50-AJ	LME50-OP	50	+0.013 -0.002	
LME 60UU	6	2050	LME60-AJ	LME60-OP	60		
LME 80UU	6	5140	LME80-AJ	LME60-OP	80		



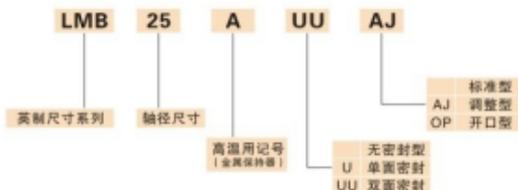


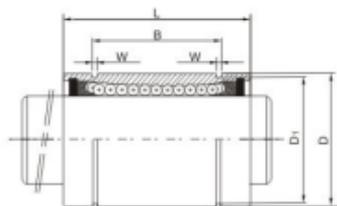
尺寸和公差 Major dimensions and tolerance											额定负荷 Ratings load		型号 Model No.
D (mm)	公差 Tolerance (mm)	L (mm)	公差 Tolerance (mm)	B (mm)	公差 Tolerance (mm)	W (mm)	D <sub>1</sub> (mm)	f (mm)	E (mm)	θ	动负荷 Dynamic CN	静负荷 Statoc CoN	
8		12	0 -0.12	-	-	-	-	-	-	-	88	127	LME 4UU
12	0 -0.008	22	0 -0.2	14.5	0 -0.2	1.1	11.5	1	-	-	206	265	LME 5UU
16		25		16.5		1.1	15.2	1	-	-	265	402	LME 8UU
19		26	0 -0.2	22	0 -0.2	1.3	18	1	6.8	80°	372	549	LME 10UU
22	0 -0.009	32		22.9		1.3	21	1.5	7.5	78°	510	784	LME 12UU
26		36		24.9		1.3	24.9	1.5	10	78°	578	892	LME 16UU
32		45		31.5		1.6	30.3	2	10	60°	862	1370	LME 20UU
40	0 -0.011	58	0 -0.3	44.1	0 -0.3	1.85	37.5	2	12.5	60°	980	1570	LME 25UU
47		68		52.1		1.85	44.5	2	12.5	50°	1570	2740	LME 30UU
62	0 -0.013	80	0 -0.3	60.6	0 -0.3	2.15	59	3	16.8	50°	2160	4020	LME 40UU
75		100		77.6		2.65	72	3	21	50°	3820	7940	LME 50UU
90	0 -0.015	125	0 -0.4	101.7	0 -0.4	3.15	86.5	3	27.2	54°	4700	9800	LME 60UU
120		165		133.7		4.15	116	3	36.3	54°	7350	16000	LME 80UU

## 直线轴承系列 Linear bearing series LMB...UU



轴承型号 Designation					尺寸和公差 Major dimensions and tolerance		
LMB...UU	球列数 Ball circuit	重量 Weight(g)	LMB...AJ (间隙调整型)	LMB...OP (开放型)	dr (mm)	公差 Tolerance(mm)	
						精度 Precision J (精密级)	精度 Precision P (普通级)
LMB 3UU	4		-	-	4.763 (3/16")		
LMB 4UU	4	10	-	-	6.350 (1/4")	0	0
LMB 6UU	4	15	-	-	9.525 (3/8")	-0.006	-0.009
LMB 8UU	4	42	LMB8-AJ	LMB8-OP	12.700 (1/2")		
LMB 10UU	4	64	LMB10-AJ	LMB10-OP	15.875 (5/8")		
LMB 12UU	5	101	LMB12-AJ	LMB12-OP	19.050 (3/4")	0	0
LMB 16UU	6	220	LMB16-AJ	LMB16-OP	25.400 (1")	-0.006	-0.010
LMB 20UU	6	465	LMB20-AJ	LMB20-OP	31.750 (1 1/4")		
LMB 24UU	6	720	LMB24-AJ	LMB24-OP	38.100 (1 1/2")	0	0
LMB 32UU	6	1310	LMB32-AJ	LMB32-OP	50.800 (2")	-0.008	-0.012
LMB 40UU	6	2600	LMB40-AJ	LMB40-OP	63.500 (2 1/2")		
LMB 48UU	6	4306	LMB48-AJ	LMB48-OP	76.200 (3")	0	0
LMB 64UU	6	10200	LMB64-AJ	LMB64-OP	101.600 (4")	-0.009	-0.013
						0	0
						-0.010	-0.020





LMB



LMB-AJ



LMB-OP

尺寸和公差 Major dimensions and tolerance

D (mm)	公差 Tolerance (mm)	L (mm)	公差 Tolerance (mm)	B (mm)	公差 Tolerance (mm)	W (mm)	D <sub>1</sub> (mm)	f (mm)	E (mm)	θ	额定负荷 Ratings load		型号 Model No.
											动负荷 Dynamic CN	静负荷 Statoc CoN	
9.525 (3/8)	0	14.288 (9/16)	0	10.94	0	0.714	8.910	-	-	-	14	17	LMB 3UU
12.700 (1/2)	-0.11	19.050 (3/4)		12.95		0.992	11.906	-	-	-	21	27	LMB 4UU
15.875 (5/8")	0	22.225 (7/8")	-0.2	16.15	-0.2	0.992	14.935	-	-	-	23	32	LMB 6UU
22.225 (7/8")	-0.13	31.750 (1 1/4")		24.46		1.168	20.853	1.5	9	-	52	79	LMB 8UU
28.575 (1 1/8")	0	38.100 (1 1/2")	0	28.04	0	1.420	26.899	1.5	11	80°	70	100	LMB 10UU
31.750 (1 1/4")	-0.16	41.275 (1 5/8")		29.61		1.422	29.870	1.6	11	80°	88	140	LMB 12UU
39.688 (1 5/8")	0	57.150 (2 1/4")	-0.3	44.57	-0.3	1.727	37.306	1.5	12	60°	100	160	LMB 16UU
50.800 (2")	-0.19	66.675 (2 5/8")		50.92		1.727	47.904	2.5	15	50°	160	280	LMB 20UU
60.325 (2 3/8")	0	76.200 (3")	0	61.26	-0.3	2.184	56.870	3	18	50°	220	410	LMB 24UU
76.200 (3")	-0.22	101.600 (4")		81.07		2.616	72.065	3	25	50°	390	870	LMB 32UU
95.256 (3 3/4")	0	127.000 (5")	-0.4	100.99	-0.4	3.048	90.220	3	30	50°	480	1020	LMB 40UU
114.3 (4 1/2")	-0.25	152.400 (6")		120.04		3.048	109.474	3	40	50°	150	1630	LMB 48UU
152.4 (6")	0	203.200 (8")	0	158.958	0	3.530	145.923	3	50	50°	1440	3550	LMB 64UU

## 法兰直线轴承系列

### Flange linear bearing series

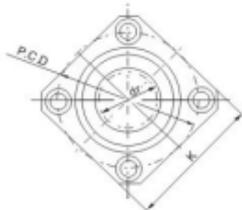
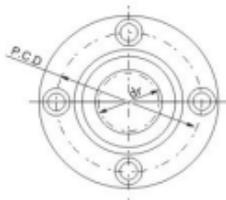
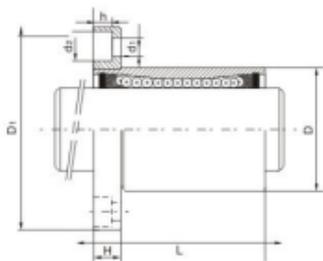
## LMF...UU LMK...UU



轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMF...UU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>1</sub>	公差 Tolerance
LMF6UU	4	26.5	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMF8UU	4	34	8		15		17		32	
LMF8UU	4	40	8		15		24		32	
LMF10UU	4	78	10		19	29	40			
LMF12UU	4	76	12		21	30	42			
LMF13UU	4	94	13		23	32	43			
LMF16UU	5	134	16	28	37	48	0 -0.3	54	0 -0.3	
LMF20UU	5	180	20	32	42	54				
LMF25UU	6	340	25	40	59	62				
LMF30UU	6	460	30	45	64	74				
LMF35UU	6	795	35	52	70	82				
LMF40UU	6	1054	40	60	80	96				
LMF50UU	6	2200	50	80	100	116	0 -0.3	116		
LMF60UU	6	2960	60	90	110	134				

注: 本公司法兰直线轴承采用螺纹联接, 螺纹标准按GB964-67执行, 这种结构除了具有标准型外, 还可以根据不同的要求进行组装, 方便易行, 使法兰与轴承具有广泛的互换性。

轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMK...UU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>1</sub>	公差 Tolerance
LMK6UU	4	18.5	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMK8UU	4	23	8		15		17		32	
LMK8UU	4	29	8		15		24		32	
LMK10UU	4	61	10		19	29	40			
LMK12UU	4	56	12		21	30	42			
LMK13UU	4	75	13		23	32	43			
LMK16UU	5	104	16	28	37	48	0 -0.3	54	0 -0.3	
LMK20UU	5	145	20	32	42	54				
LMK25UU	6	300	25	40	59	62				
LMK30UU	6	375	30	45	64	74				
LMK35UU	6	692	35	52	70	82				
LMK40UU	6	864	40	60	80	96				
LMK50UU	6	2020	50	80	100	116	0 -0.3	116		
LMK60UU	6	2520	60	90	110	134				



SI UNIT: 1N = 0.102kgf 单位:mm  
国际单位: 1N = 0.102kgf Unit:mm

H	P.C.D	取接孔 Hole for attachment d×Kd×h	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
						CN	CoN	
5	20	3.4X6.5X3.3	12	12	-5	21	27	LMF6UU
5	24	3.4X6.5X3.3	12	12	-5	18	23	LMF8SUU
5	24	3.4X6.5X3.3	12	12	-5	27	41	LMF8UU
6	29	4.5X8X4.4	12	12	-5	38	56	LMF10UU
6	32	4.5X8X4.4	12	12	-5	42	61	LMF12UU
6	33	4.5X8X4.4	12	12	-7	52	79	LMF13UU
6	38	4.5X8X4.4	12	12	-7	79	120	LMF16UU
8	43	5.5X9.5X5.4	15	15	-9	88	140	LMF18UU
8	51	5.5X9.5X5.4	15	15	-9	100	160	LMF25UU
10	60	6.6X11X6.5	15	15	-9	160	280	LMF30UU
10	67	6.6X11X6.5	20	20	-13	170	320	LMF35UU
13	78	9X14X8.6	20	20	-13	220	410	LMF40UU
13	98	9X14X8.6	20	20	-13	390	810	LMF50UU
18	112	11X17.5X10.8	25	25	-13	480	1020	LMF60UU

K	H	P.C.D	取接孔 Hole for attachment d×Kd×h	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
							CN	CoN	
22	5	20	3.4X6.5X3.3	12	12	-5	21	27	LMK6UU
25	5	24	3.4X6.5X3.3	12	12	-5	18	23	LMK8SUU
25	5	24	3.4X6.5X3.3	12	12	-5	27	41	LMK8UU
30	6	29	4.5X8X4.4	12	12	-5	38	56	LMK10UU
32	6	32	4.5X8X4.4	12	12	-5	42	61	LMK12UU
34	6	33	4.5X8X4.4	12	12	-7	52	79	LMK13UU
37	6	38	4.5X8X4.4	12	12	-7	79	120	LMK16UU
42	8	43	5.5X9.5X5.4	15	15	-9	88	140	LMK20UU
50	8	51	5.5X9.5X5.4	15	15	-9	100	160	LMK25UU
58	10	60	6.6X11X6.5	15	15	-9	160	280	LMK30UU
64	10	67	6.6X11X6.5	20	20	-13	170	320	LMK35UU
75	13	78	9X14X8.6	20	20	-13	220	410	LMK40UU
92	13	98	9X14X8.6	20	20	-13	390	810	LMK50UU
106	18	112	11X17.5X10.8	25	25	-13	480	1020	LMK60UU

## 法兰直线轴承系列

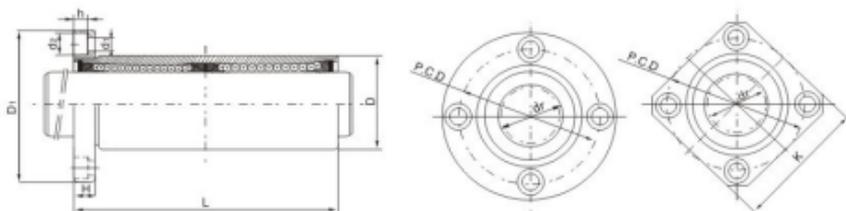
Flange linear bearing series

**LMF...LUU LMK...LUU**



轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMF...LUU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>f</sub>	公差 Tolerance
LMF6LUU	4	32	6	-0.010	12	0	35	0 -0.3	28	0 -0.2
LMF8LUU	4	53	8		15	-0.013	45		32	
LMF10LUU	4	105	10		19	0	55		40	
LMF12LUU	4	100	12		21	-0.016	57		42	
LMF13LUU	4	130	13	23	0	61	43			
LMF16LUU	5	187	16	28	0	70	48			
LMF20LUU	5	260	20	32	0	80	54			
LMF25LUU	6	515	25	40	-0.019	112	62			
LMF30LUU	6	655	30	45	0	123	74			
LMF35LUU	6	970	35	52	0	135	82			
LMF40LUU	6	1560	40	60	-0.022	154	96			
LMF50LUU	6	3500	50	80	0	192	116	0		
LMF60LUU	6	4500	60	90	-0.025	211	134	-0.3		

轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMK...LUU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>f</sub>	公差 Tolerance
LMK6LUU	4	26	6	-0.010	12	0	35	0 -0.3	28	0 -0.2
LMK8LUU	4	46	8		15	-0.013	45		32	
LMK10LUU	4	88	10		19	0	55		40	
LMK12LUU	4	82	12		21	-0.016	57		42	
LMK13LUU	4	108	13	23	0	61	43			
LMK16LUU	5	160	16	28	0	70	48			
LMK20LUU	5	230	20	32	0	80	54			
LMK25LUU	6	475	25	40	-0.019	112	62			
LMK30LUU	6	575	30	45	0	123	74			
LMK35LUU	6	870	35	52	0	135	82			
LMK40LUU	6	1380	40	60	-0.022	154	96			
LMK50LUU	6	3300	50	80	0	192	116	0		
LMK60LUU	6	4060	60	90	-0.025	211	134	-0.3		



SI UNIT: 1N = 0.102kgf 单位:mm  
国际单位: 1N = 0.102kgf Unit:mm

H	P.C.D	取螺孔 Hole for attachment d×Kd×H	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
						CN	CoN	
5	20	3.4X6.5X3.3	15	15	-5	324	529	LMF6LUU
5	24	3.4X6.5X3.3	15	15	-5	431	784	LMF8LUU
6	29	4.5X8X4.4	15	15	-5	588	1100	LMF10LUU
6	32	4.5X8X4.4	15	15	-5	657	1200	LMF12LUU
6	33	4.5X8X4.4	15	15	-7	814	1570	LMF13LUU
6	38	4.5X8X4.4	15	15	-7	1230	2350	LMF16LUU
8	43	5.5X9.5X5.4	20	20	-9	1400	2750	LMF20LUU
8	51	5.5X9.5X5.4	20	20	-9	1560	3140	LMF25LUU
10	60	6.6X11X6.5	20	20	-9	2490	5490	LMF30LUU
10	67	6.6X11X6.5	25	25	-13	2650	6270	LMF35LUU
13	78	9X14X8.6	25	25	-13	3430	8040	LMF40LUU
13	98	9X14X8.6	25	25	-13	6080	15900	LMF50LUU
18	112	11X17.5X10.8	25	25	-13	7650	20000	LMF60LUU

K	H	P.C.D	取螺孔 Hole for attachment d×Kd×H	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
							CN	CoN	
22	5	20	3.4X6.5X3.3	15	15	-5	324	529	LMK6LUU
25	5	24	3.4X6.5X3.3	15	15	-5	431	784	LMK8LUU
30	6	29	4.5X8X4.4	15	15	-5	588	1100	LMK10LUU
32	6	32	4.5X8X4.4	15	15	-5	657	1200	LMK12LUU
34	6	33	4.5X8X4.4	15	15	-7	814	1570	LMK13LUU
37	6	38	4.5X8X4.4	15	15	-7	1230	2350	LMK16LUU
42	8	43	5.5X9.5X5.4	20	20	-9	1400	2750	LMK20LUU
50	8	51	5.5X9.5X5.4	20	20	-9	1560	3140	LMK25LUU
58	10	60	6.6X11X6.5	20	20	-9	2490	5490	LMK30LUU
64	10	67	6.6X11X6.5	25	25	-13	2650	6270	LMK35LUU
75	13	78	9X14X8.6	25	25	-13	3430	8040	LMK40LUU
92	13	98	9X14X8.6	25	25	-13	6080	15900	LMK50LUU
106	18	112	11X17.5X10.8	25	25	-13	7650	20000	LMK60LUU

## 法兰直线轴承系列 Flange linear bearing series

### LMH...UU

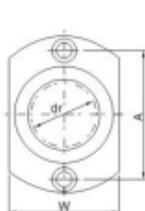


轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMH...UU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>f</sub>	公差 Tolerance
LMH6UU	4	21	6	0	12	0	19	0	28	0
LMH8UU	4	33	8		15	-0.011	24		32	
LMH10UU	4	64	10		19	0	29		40	
LMH12UU	4	68	12		21	-0.013	30		-0.2	
LMH13UU	4	81	13	23	0	32	0	43	-0.2	
LMH16UU	5	112	16	28	0	37	0	48	0	
LMH20UU	5	167	20	32	0	42	0	54	0	
LMH25UU	6	325	25	40	-0.016	59	0	62	0	
LMH30UU	6	388	30	45	0	64	-0.3	74	0	

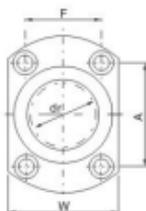
### LMH...LUU



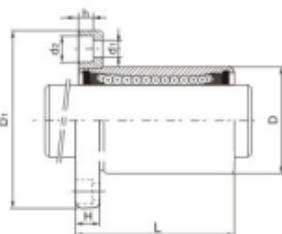
轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMH...LUU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D <sub>f</sub>	公差 Tolerance
LMH6LUU	4	27	6	0	12	0	35	0	28	0
LMH8LUU	4	46	8		15	-0.013	45		32	
LMH10LUU	4	91	10		19	0	55		40	
LMH12LUU	4	92	12		21	-0.016	57		-0.3	
LMH13LUU	4	117	13	23	0	61	0	43	-0.2	
LMH16LUU	5	165	16	28	0	70	0	48	0	
LMH20LUU	5	247	20	32	0	80	0	54	0	
LMH25LUU	6	500	25	40	-0.019	112	0	62	0	
LMH30LUU	6	583	30	45	0	123	-0.4	74	0	



LMH13或更小

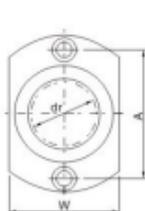


LMH16或更小

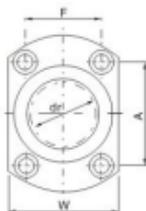


SI UNIT: 1N = 0.102kgf 单位:mm  
国际单位: 1N = 0.102kgf Unit:mm

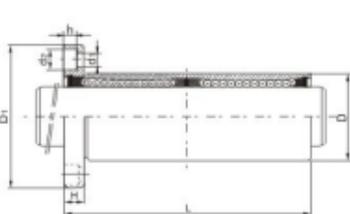
W	H	A	F	联接孔 Hole for attachment d×Kd×Xh	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
								CN	CoN	
18	5	20	-	3.4X6.5X3.3	12	12	-5	21	27	LMH6UU
21	5	24	-	3.4X6.5X3.3	12	12	-5	27	41	LMH8UU
25	6	29	-	4.5X8X4.4	12	12	-5	38	56	LMH10UU
27	6	32	-	4.5X8X4.4	12	12	-5	42	61	LMH12UU
29	6	33	-	4.5X8X4.4	12	12	-7	52	79	LMH13UU
34	6	31	22	4.5X8X4.4	12	12	-7	79	120	LMH16UU
38	8	36	24	5.5X9.5X5.4	15	15	-9	88	140	LMH20UU
46	8	40	32	5.5X9.5X5.4	15	15	-9	100	160	LMH25UU
51	10	49	35	6.6X11X6.5	15	15	-9	160	280	LMH30UU



LMH13或更小



LMH16或更小



SI UNIT: 1N = 0.102kgf 单位:mm  
国际单位: 1N = 0.102kgf Unit:mm

W	H	A	F	联接孔 Hole for attachment d×Kd×Xh	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
								CN	CoN	
18	5	20	-	3.4X6.5X3.3	15	15	-5	33	54	LMH6LUU
21	5	24	-	3.4X6.5X3.3	15	15	-5	44	80	LMH8LUU
25	6	29	-	4.5X8X4.4	15	15	-5	60	112	LMH10LUU
27	6	32	-	4.5X8X4.4	15	15	-5	67	122	LMH12LUU
29	6	33	-	4.5X8X4.4	15	15	-7	83	160	LMH13LUU
34	6	31	22	4.5X8X4.4	15	15	-7	125	240	LMH16LUU
38	8	36	24	5.5X9.5X5.4	20	20	-9	143	280	LMH20LUU
46	8	40	32	5.5X9.5X5.4	20	20	-9	159	320	LMH25LUU
51	10	49	35	6.6X11X6.5	20	20	-9	254	560	LMH30LUU

## 法兰直线轴承系列 Flange linear bearing series

### LMEF...UU

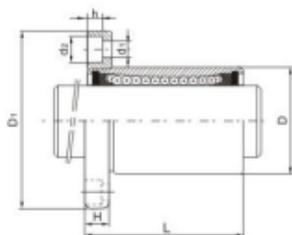
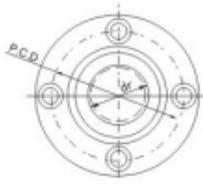


轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMEF...UU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D1	公差 Tolerance
LMEF8UU	4	44	8	0	16	$0_{-0.008}$	25		32	
LMEF12UU	4	86	12	-0.009	22	0	32	0	42	
LMEF16UU	5	120	16	+0.009	26	-0.009	36	-0.2	46	0
LMEF20UU	5	184	20	-0.001	32	0	45		54	-0.2
LMEF25UU	6	335	25	+0.011	40	-0.011	58		62	
LMEF30UU	6	515	30	-0.001	47	0	68	0	76	
LMEF40UU	6	1185	40		62	0	80	-0.3	98	
LMEF50UU	6	1730	50	+0.013 -0.002	75	-0.013	100		112	0
LMEF60UU	6	3180	60		90	$0_{-0.015}$	125	$0_{-0.4}$	134	-0.3

### LMEF...LUU

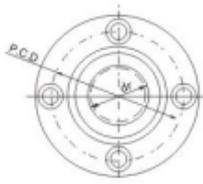


轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMEF...LUU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	D1	公差 Tolerance
LMEF8LUU	4	53	8	0	16	$0_{-0.008}$	45		32	
LMEF12LUU	4	100	12	-0.009	22	0	57	0	42	
LMEF16LUU	5	187	16	+0.009	26	-0.009	70	-0.3	46	0
LMEF20LUU	5	260	20	-0.001	32	0	80		54	-0.2
LMEF25LUU	6	355	25	+0.011	40	-0.011	112		62	
LMEF30LUU	6	655	30	-0.001	47	0	123		76	
LMEF40LUU	6	1560	40		65	0	154	0	98	
LMEF50LUU	6	3500	50	+0.013 -0.002	75	-0.013	192	-0.4	112	0
LMEF60LUU	6	4500	60		90	$0_{-0.015}$	211		134	-0.3



SI UNIT: 1N=0.102kgf 单位:mm  
国际单位: 1N=0.102kgf Unit:mm

H	P.C.D	联接孔 Hole for attachment d×Xd×Xh	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
						CN	CoN	
5	24	3.4X6.5X3.3	12	12	-5	27	41	LMEF8UU
6	32	4.5X8X4.4	12	12	-5	52	79	LMEF12UU
6	36	4.5X8X4.4	12	12	-7	59	91	LMEF16UU
8	43	5.5X9.5X5.4	15	15	-9	88	140	LMEF20UU
8	51	5.5X9.5X5.4	15	15	-9	100	160	LMEF25UU
10	62	6.6X11X6.5	15	15	-9	160	280	LMEF30UU
13	80	9X14X8.6	20	20	-13	220	410	LMEF40UU
13	94	9X14X8.6	20	20	-13	390	810	LMEF50UU
18	112	11X17.5X10.8	25	25	-13	480	1020	LMEF60UU



SI UNIT: 1N=0.102kgf 单位:mm  
国际单位: 1N=0.102kgf Unit:mm

H	P.C.D	联接孔 Hole for attachment d×Xd×Xh	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
						CN	CoN	
5	24	3.4X6.5X3.3	15	15	-5	431	784	LMEF8LUU
6	32	4.5X8X4.4	15	15	-5	657	1200	LMEF12LUU
6	36	4.5X8X4.4	15	15	-7	1230	2350	LMEF16LUU
8	43	5.5X9.5X5.4	17	17	-9	1400	2750	LMEF20LUU
8	51	5.5X9.5X5.4	17	17	-9	1560	3140	LMEF25LUU
10	62	6.6X11X6.5	17	17	-9	2490	5490	LMEF30LUU
13	80	9X14X8.6	20	20	-13	3430	8040	LMEF40LUU
13	94	9X14X8.6	20	20	-13	6080	15900	LMEF50LUU
18	112	11X17.5X10.8	25	25	-13	7650	20000	LMEF60LUU

## 法兰直线轴承系列 Flange linear bearing series

### LMEK...UU

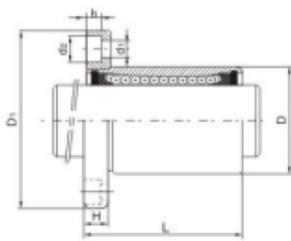
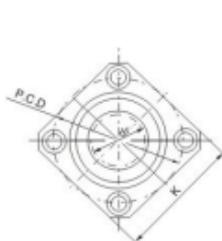


轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMEK...UU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	Df	公差 Tolerance
LMEK8UU	4	33	8	0	16	0 -0.008	25		32	
LMEK12UU	4	66	12	-0.009	22	0	32	0	42	
LMEK16UU	5	90	16	+0.009	26	-0.009	36	-0.2	46	0
LMEK20UU	5	149	20	-0.001	32	0	45		54	-0.2
LMEK25UU	6	295	25	+0.011	40	0	58		62	
LMEK30UU	6	460	30	-0.001	47	-0.011	68	0	76	
LMEK40UU	6	995	40	0	62	0	80	-0.3	98	0
LMEK50UU	6	1550	50	+0.013 -0.002	75	-0.013	100		112	-0.3
LMEK60UU	6	2740	60		90	0 -0.015	125	0 -0.4	134	

### LMEK...LUU

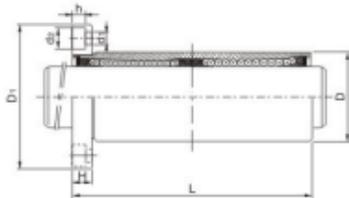
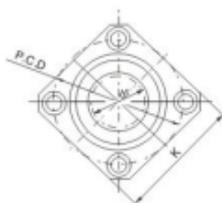


轴承型号 Designation			内径 Inscribed circle diameter		外径 Outer diameter		长度 Length		法兰直径 Flange diameter	
LMEK...LUU	球列数 Ball circuit	重量 Weight(g)	dr	公差 Tolerance	D	公差 Tolerance	L	公差 Tolerance	Df	公差 Tolerance
LMEK8LUU	4	46	8	+0.009	16	0 -0.009	45		32	
LMEK12LUU	4	82	12	-0.001	22	0	57	0	42	
LMEK16LUU	5	160	16	+0.011	26	-0.011	70	-0.3	46	0
LMEK20LUU	5	230	20	-0.001	32	0	80		54	-0.2
LMEK25LUU	6	475	25	+0.013	40	0	112		62	
LMEK30LUU	6	575	30	-0.002	47	-0.013	123		76	
LMEK40LUU	6	1380	40	0	65	0	154	0	98	
LMEK50LUU	6	3300	50	+0.013 -0.004	75	-0.015	192	-0.4	112	0
LMEK60LUU	6	4060	60		90	0 -0.020	211		134	-0.3



SI UNIT: 1N=0.102kgf 单位:mm  
国际单位: 1N=0.102kgf Unit:mm

K	H	P.C.D	联接孔 Hole for attachment d×Kd×H	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
							CN	CoN	
25	5	24	3.4X6.5X3.3	12	12	-5	27	41	LMEK8UU
32	6	32	4.5X8X4.4	12	12	-5	52	79	LMEK12UU
35	6	36	4.5X8X4.4	12	12	-7	59	91	LMEK16UU
42	8	43	5.5X9.5X5.4	15	15	-9	88	140	LMEK20UU
50	8	51	5.5X9.5X5.4	15	15	-9	100	160	LMEK25UU
60	10	62	6.6X11X6.5	15	15	-9	160	260	LMEK30UU
75	13	80	9X14X8.6	20	20	-13	220	410	LMEK40UU
88	13	94	9X14X8.6	20	20	-13	390	810	LMEK50UU
106	18	112	11X17.5X10.8	25	25	-13	480	1020	LMEK60UU

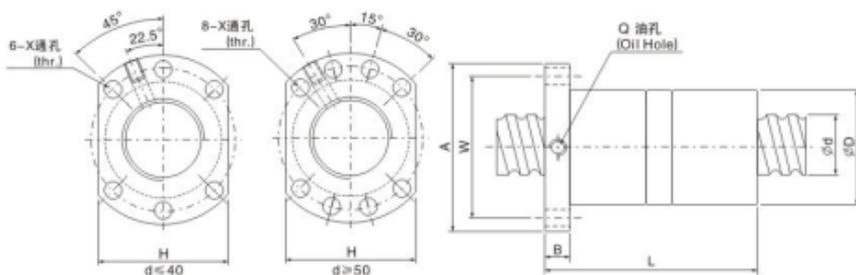


SI UNIT: 1N=0.102kgf 单位:mm  
国际单位: 1N=0.102kgf Unit:mm

K	H	P.C.D	联接孔 Hole for attachment d×Kd×H	法兰的角度公差 Angular Radial tolerance of flange μm	偏心率 Eccentricity (max) μm	径向间隙公差 Radial clearance tolerance	基本承载率 Basic load rating		型号 Model No.
							CN	CoN	
25	5	24	3.4X6.5X3.3	15	15	-5	431	784	LMEK8LUU
32	6	32	4.5X8X4.4	15	15	-5	657	1200	LMEK12LUU
35	6	36	4.5X8X4.4	15	15	-7	1230	2350	LMEK16LUU
42	8	43	5.5X9.5X5.4	17	17	-9	1400	2750	LMEK20LUU
50	8	51	5.5X9.5X5.4	17	17	-9	1560	3140	LMEK25LUU
60	10	62	6.6X11X6.5	17	17	-9	2490	5490	LMEK30LUU
75	13	80	9X14X8.6	20	20	-13	3430	8040	LMEK40LUU
88	13	94	9X14X8.6	20	20	-13	6080	15900	LMEK50LUU
106	18	112	11X17.5X10.8	25	25	-13	7650	20000	LMEK60LUU

## DFU ( DIN 69051 Form B ) 滚珠螺杆规格表

Dimension Table of DFU(DIN69051 Form B) Ball Screws



l: 导程 Lead Da: 球径Ball Dia. n: 珠圈数Number of Circuits K: 刚性 Stiffness (Kgf/ $\mu$ m)

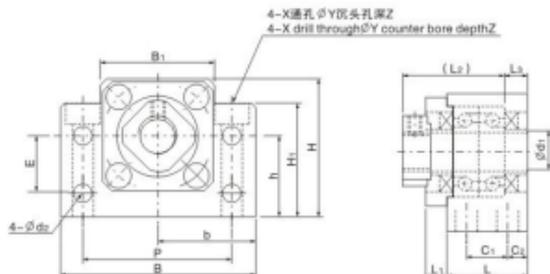
Ca: 动额定负荷 Basic Dynamic Rating Load(Kgf) Coa: 静额定负荷 Basic Static Rating Load(Kgf)

单位 (Unit): mm

型号 Model No.	滚珠螺杆、螺帽之基准数据 Dimensions														
	d	l	Da	D	A	B	L	W	H	X	Q	n	Ca	Coa	K
★ DFU 1604-4	16	4	2.381	28	48	10	80	38	40	5.5	M6	4	629	1270	35
★ DFU 1605-4		5	3.175	28	48	10	100	38	40	5.5	M6	4	780	1790	20
★ DFU 1610-3	20	10	3.175	28	48	10	118	38	40	5.5	M6	3	721	1249	15
DFU 2004-4		4	2.381	36	58	10	80	47	44	6.6	M5	4	699	1617	41
★ DFU 2005-4	25	5	3.175	36	58	10	101	47	44	6.6	M6	4	1130	2380	25
DFU 2504-4		4	2.381	40	62	10	80	51	48	6.6	M6	4	777	2032	48
★ DFU 2505-4	32	5	3.175	40	62	10	101	51	48	6.6	M6	4	1280	3110	35
DFU 2506-4		6	3.969	40	62	10	105	51	48	6.6	M6	4	1528	3284	40
DFU 2508-4	40	8	4.762	40	62	10	120	51	48	6.6	M6	4	1941	3863	38
★ DFU 2510-4		10	4.762	40	62	12	145	51	48	6.6	M6	4	1944	3877	33
DFU 3204-4	32	4	2.381	50	80	12	80	65	62	9	M5	4	871	2661	56
★ DFU 3205-4		5	3.175	50	80	12	102	65	62	9	M6	4	1450	4150	40
DFU 3206-4	40	6	3.969	50	80	12	105	65	62	9	M6	4	1720	4298	47
DFU 3208-4		8	4.762	50	80	12	122	65	62	9	M6	4	2189	5079	44
★ DFU 3210-4	50	10	6.350	50	80	12	162	65	62	9	M6	4	3390	7170	79
★ DFU 4005-4		5	3.175	63	93	14	105	78	70	9	M8	4	1610	5330	49
DFU 4006-4	63	6	3.969	63	93	14	108	78	70	9	M6	4	1911	5458	55
DFU 4008-4		8	4.762	63	93	14	132	78	70	9	M6	4	2435	6469	52
★ DFU 4010-4	80	10	6.350	63	93	14	165	78	70	9	M8	4	3910	9520	50
DFU 5010-4		10	6.350	75	110	16	171	93	85	11	M8	4	4450	12500	65
★ DFU 5020-4	100	20	7.144	75	110	16	280	93	85	11	M8	4	4644	14327	59.5
★ DFU 6310-4		10	6.350	95	125	18	182	108	95	11	M8	4	5070	16600	80
DFU 6320-4	80	20	9.525	95	135	20	290	115	100	13.5	M8	4	7573	23860	84.1
★ DFU 8010-4		10	6.350	105	145	20	182	125	110	13.5	M8	4	5620	21300	90
DFU 8020-4	100	20	9.525	125	165	25	295	145	130	13.5	M8	4	8485	30895	84.1
DFU10020-4		20	9.525	150	202	30	340	170	155	17.5	M8	4	9420	39183	300

备注: 有标注 ★ 记号者可制作左螺纹 Note: with sign ★ can produce left helix

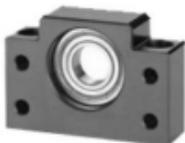
## BK 丝杆支撑座 固定端 Fixed Side



单位 (Unit): mm

公称型号 Model No.	d <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	C <sub>1</sub>	C <sub>2</sub>	B	H	b <sup>+0.02</sup>	h <sup>+0.02</sup>	B <sub>1</sub>	H <sub>1</sub>	E	P	d <sub>2</sub>	X	Y	Z
BK 10	10	25	5	29	5	13	6	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5
BK 12	12	25	5	29	5	13	6	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5
BK 15	15	27	6	32	6	15	6	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5
BK 17	17	35	9	44	7	19	8	86	64	43	39	50	55	28	68	6.6	9	14	8.5
BK 20	20	35	8	43	8	19	8	88	60	44	34	52	50	22	70	6.6	9	14	8.5
BK 25	25	42	12	54	9	22	10	106	80	53	48	64	70	33	85	9	11	17.5	11
BK 30	30	45	14	61	9	23	11	128	89	64	51	76	78	33	102	11	14	20	13
BK 35	35	50	14	67	12	26	12	140	96	70	52	88	79	35	114	11	14	20	13
BK 40	40	61	18	76	15	33	14	160	110	80	60	100	90	37	130	14	18	26	17.5

## BF 支持端 支持端 Flouted Side



单位 (Unit): mm

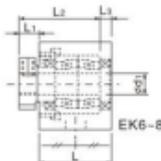
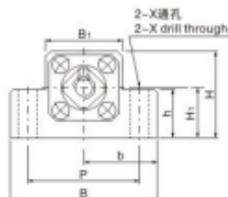
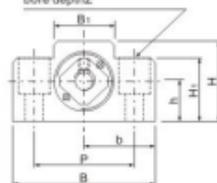
公称型号 Model No.	d <sub>1</sub>	L	B	H	b <sup>+0.02</sup>	h <sup>+0.02</sup>	B <sub>1</sub>	H <sub>1</sub>	E	P	d <sub>2</sub>	X	Y	Z
BF 10	8	20	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5
BF 12	10	20	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5
BF 15	15	20	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5
BF 17	17	23	86	64	43	39	50	55	28	68	6.6	9	14	8.5
BF 20	20	26	88	60	44	34	52	50	22	70	6.6	9	14	8.5
BF 25	25	30	106	80	53	48	64	70	33	85	9	11	17.5	11
BF 30	30	32	128	89	64	51	76	78	33	102	11	14	20	13
BF 35	35	32	140	96	70	52	88	79	35	114	11	14	20	13
BF 40	40	37	160	110	80	60	100	90	37	130	14	18	26	17.5

\* 部分规格可做防锈、防腐处理, 详询青铁工作人员!

## EK 丝杆支撑座 固定端 Fixed Side



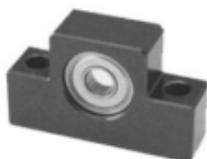
2-X通孔  $\varnothing$ Y 沉头孔深Z  
2-X drill through  $\varnothing$ Y counter bore depth Z



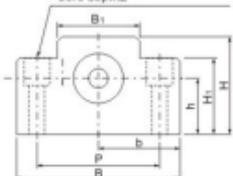
单位 (Unit): mm

公称型号 Model No.	d1	L	L1	L2	L3	B	H	b <sup>+0.02</sup>	h <sup>+0.02</sup>	B1	H1	P	X	Y	Z
EK 5	5	16.5	5.5	18.5	3.5	36	21	18	11	20	8	28	4.5	-	-
EK 6	6	20	5.5	22	3.5	42	25	21	13	18	20	30	4.5	9.5	11
EK 8	8	23	7	26	4	52	32	26	17	25	26	38	6.6	11	12
EK 10	10	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-
EK 12	12	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-
EK 15	15	25	6	35	5	80	49	40	30	41	25	60	11	-	-
EK 20	20	42	10	50	10	95	58	47.5	30	56	25	75	11	-	-

## EF 支持端 Floatted Side



2-X通孔  $\varnothing$ Y 沉头孔深Z  
2-X drill through  $\varnothing$ Y counter bore depth Z



单位 (Unit): mm

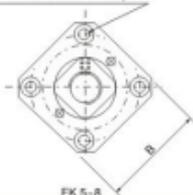
公称型号 Model No.	d1	L	B	H	b <sup>+0.02</sup>	h <sup>+0.02</sup>	B1	H1	P	X	Y	Z
EF 6	6	12	42	25	21	13	18	20	30	5.5	9.5	11
EF 8	6	14	52	32	26	17	25	26	38	6.6	11	12
EF 10	8	20	70	43	35	25	36	24	52	9	-	-
EF 12	10	20	70	43	35	25	36	24	52	9	-	-
EF 15	15	20	80	49	40	30	41	25	60	9	-	-
EF 20	20	26	95	58	47.5	30	56	25	72	11	-	-

## FK

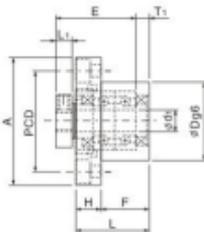
### 固定端 Fixed Side



4-X通孔 $\varnothing$ Y沉头孔深Z  
4-X drill through  
 $\varnothing$ Y counter bore depth Z



FK 5-8



4-X通孔 $\varnothing$ Y沉头孔深Z  
4-X drill through  
 $\varnothing$ Y counter bore depth Z



FK 10-30

单位 (Unit):mm

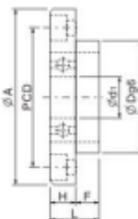
公称型号 Model No.	d1	L	H	F	E	Dg6	A	PCD	B	L1	T1	X	Y	Z
FK 5	5	16.5	6	10.5	18.5	20	34	26	26	5.5	3.5	3.4	6.5	4
FK 6	6	20	7	13	22	22	36	28	28	5.5	3.5	3.4	6.5	4
FK 8	8	23	9	14	26	28	43	35	35	7	4	3.4	6.5	4
FK 10	10	27	10	17	29.5	34	52	42	42	7.5	5	4.5	8	4
FK 12	12	27	10	17	29.5	36	54	44	44	7.5	5	4.5	8	4
FK 15	15	32	15	17	36	40	63	50	52	10	6	5.5	9.5	6
FK 20	20	52	22	30	50	57	86	70	68	8	10	6.5	11	10
FK 25	25	57	27	30	60	63	98	80	79	13	10	9	15	13
FK 30	30	62	30	32	61	75	117	95	93	11	12	11	17.5	15

## FF

### 支持端 Flolated Side



4-X通孔 $\varnothing$ Y沉头孔深Z  
4-X drill through  $\varnothing$ Y counter bore depth Z



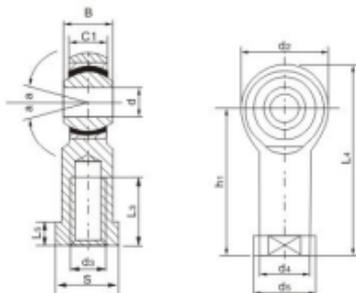
单位 (Unit):mm

公称型号 Model No.	d1	L	H	F	E	Dg6	A	PCD	B	X	Y	Z
FF 6	6	10	6	4	22	36	28	28	28	3.4	6.5	4
FF 10	8	12	7	5	28	43	35	35	35	3.4	6.5	4
FF 12	10	15	7	8	34	52	42	42	42	4.5	8	4
FF 15	15	17	9	8	40	63	50	52	52	5.5	9.5	5.5
FF 20	20	20	11	9	57	85	70	68	68	6.6	11	6.5
FF 25	25	24	14	10	63	98	80	79	79	9	14	8.5
FF 30	30	27	18	9	75	117	95	93	93	11	17.5	11

## 内螺纹组装型自润滑杆端关节轴承系列

Self-lubricating rod end bearings female thread steel on ptee-metallic fabric maintenance free series

### PHSA



轴承型号 Designation	尺寸 Dimensions (mm)													a <sup>1</sup>	允许负荷 Max stat load capacity	重量 Weight (kg)	老型号 Old designation
	d	Ds	d2	ds	S	B	Ls	C1	h1	L3	d4	L4					
PHSA5	5	M5x0.8	18	12.5	10	8	4	6	27	10	9	36	13			SI5T/K	
PHSA6	6	M6x1	20	13	11	9	5	6.75	30	12	10	45	13	7.20	0.027	SI6T/K	
PHSA8	8	M8x1.25	24	16	14	12	5	9	36	16	12.5	48	13	11.60	0.046	SI8T/K	
PHSA10	10	M10x1.5	28	19	17	14	6.5	10.5	43	20	15	57	13	14.50	0.076	SI10T/K	
PHSA12	12	M12x1.75	32	22	19	16	6.5	12	50	22	17.5	66	13	17.00	0.115	SI12T/K	
PHSA14	14	M14x2	36	25	22	19	8	13.5	57	25	20	75	13	24.00	0.170	SI14T/K	
PHSA16	16	M16x2	40	27	22	21	8	15	64	28	22	84	13	28.50	0.230	SI16T/K	
PHSA18	18	M18x1.5	46	31	27	23	10	16.5	71	32	25	94	13	35.00	0.320	SI18T/K	
PHSA20	20	M20x1.5	50	34	30	25	10	18	77	33	27.5	102	13	40.00	0.42	SI20T/K	
PHSA22	22	M22x1.5	54	37	32	28	12	20	84	37	30	111	13	52.00	0.54	SI22T/K	
PHSA25	25	M25x2	60	42	30	31	12	22	94	42	33.5	124	13	60.00	0.75	SI25T/K	
PHSA28	28	M27x2	66	46	41	35	14	26	103	41	37	136	13			SI28T/K	
PHSA30	30	M30x2	70	50	41	37	15	25	110	51	40	145	13	81.00	1.30	SI30T/K	

1.若是左旋螺纹, 轴承型号和螺纹标记需加“L”和“左”。例如: PHSAL8中M8X1.25L-6H

2.A表示球面材有SF1材料

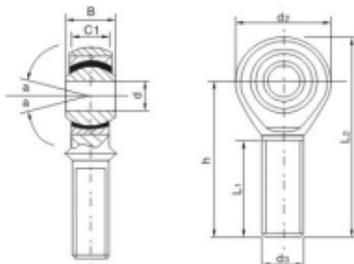
1.For Left-hand thread suffix “L” is added to bearings number and thread PHSAL8K M8x1.25L-6H

2.A=TO line SF1 material on the surface of spherical plain

## 外螺纹组装型自润滑杆端关节轴承系列

Self-lubricating rod end bearings male thread steel on ptee-metallic fabric maintenance free series

### POSA



轴承型号 Designation	尺寸 Dimensions (mm)								a*	允许负荷 Max stat load capacity	重量 Weight (kg)	老型号 Old designation
	ds	d	d2	B	C1	h	L1	L2				
POSA5	M5x0.8	5	18	8	6	33	19	42	13			SA5T/K
POSA6	M6x1	6	20	9	6.75	36	22	46	13	4.40	0.021	SA6T/K
POSA8	M8x1.25	8	24	12	9	42	25	54	13	8.00	0.034	SA8T/K
POSA10	M10x1.5	10	28	14	10.5	48	29	62	13	12.90	0.058	SA10T/K
POSA12	M12x1.75	12	32	16	12	54	33	70	13	17.00	0.092	SA12T/K
POSA14	M14x2	14	36	19	13.5	60	36	77	13	24.00	0.153	SA14T/K
POSA16	M16x2	16	40	21	15	66	40	86	13	28.50	0.205	SA16T/K
POSA18	M18x1.5	18	46	23	16.5	72	44	95	13	25.00	0.280	SA18T/K
POSA20	M20x1.5	20	50	25	18	78	47	103	13	40.00	0.370	SA20T/K
POSA22	M22x1.5	22	54	28	20	84	51	111	13	52.00	0.475	SA22T/K
POSA25	M25x2	25	60	31	22	94	57	124	13	60.00	0.650	SA25T/K
POSA28	M27x2	28	66	35	26	103	62	136	13			SA28T/K
POSA30	M30x2	30	70	37	25	110	66	145	13	81.00	1.070	SA30T/K

1.若是左旋螺纹, 轴承型号和螺纹标记需加“L”和“左”。例如: POSAL8中M8X1.25L-6H

2.A表示球面衬有SF1材料

1.For Left-hand thread suffix "L" is added to bearings number and thread POSAL8K M8x1.25L-6H

2.A=TO line SF1 material on the surface of spherical plain

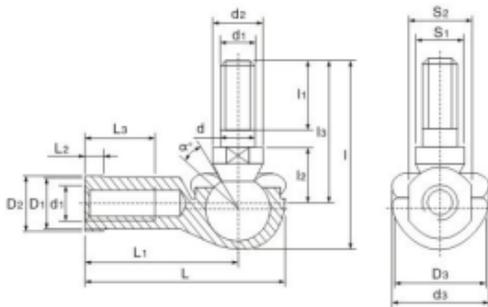
## 弯杆型球头杆端关节轴承系列 Winding shape ball joint rod ends series

### SQ...C



#### Straight joint

- 球头座带有左旋或右旋的螺纹。  
Ball joint housing with right or left-hand thread.
- 球头座由锌基合金制成。  
Ball joint housing made of zinc bas ealloy.
- 带橡胶密封圈。  
With rubber dust seal.



轴承型号 Bearings number	尺寸 Dimensions ( mm )																	负荷 Load ratings	重量 Weight	
	d	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l	l <sub>1</sub> min	l <sub>2</sub>	l <sub>3</sub>	S <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub> min	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	S <sub>2</sub>			α
SQ5C	5	M5X0.8	9	19	29	8	10	21	7	35	27	4	14	9	11	16	9	25	2.2	26
SQ6C	6	M6X1.0	10	20	35.5	11	11	26	8	40	30	5	14	10	13	19	11	25	3.5	39
SQ8C	8	M8X1.25	12	24	42.5	12	14	31	10	48	36	5	17	12.5	16	23	14	25	6.6	68
SQ10C	10	M10X1.25	14	30	50.5	15	17	37	11	57	43	6.5	21	15	19	27	17	25	10	112
SQ10 C-1	10	M10X1.5	14	30	56.5	21	17	43	11	57	43	6.5	21	15	19	27	17	25	10	112
SQ12C	12	M12X1.25	17	32	57.5	17	19	42	15	66	50	6.5	25	17.5	22	31	19	25	16	164
SQ12 C-1	12	M12X1.75	17	32	64.5	24	19	49	15	66	50	6.5	25	17.5	22	31	19	25	16	164
SQ14C	14	M14X1.5	19	38	73.5	22	21.5	56	17	75	57	8	26	20	25	35	22	25	19	254
SQ14 C-1	14	M14X2.0	19	38	79.5	28	21.5	62	17	75	57	8	26	20	25	35	22	25	19	254
SQ16C	16	M16X1.5	22	44	79.5	23	23.5	60	19	84	64	8	32	22	27	39	22	20	26	336
SQ16 C-1	16	M16X2.0	22	44	85.5	29	23.5	66	19	84	64	8	32	22	27	39	22	20	26	336
SQ18C	18	M18X1.5	23	45	90	25	26.5	68	20	93	71	10	34	25	31	44	27	20	33	464
SQ20C	20	M20X1.5	27	50	90	25	27	68	24	99	77	10	35	27.5	34	44	30	20	45	538
SQ22C	22	M22X1.5	27	52	95	26	28	70	24	109	84	12	41	30	37	50	32	16	48	713

-若是左旋螺纹, 轴承型号需加 "L", 例如: SQL 6RS

-For left-hand thread of the ball joint housing, please add suffix "L" in added to bearing number, e.g. SQL 6RS

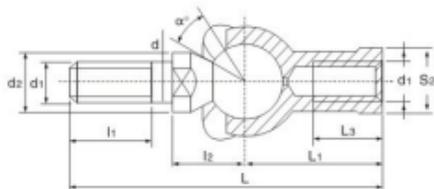
-不带密封圈产品型号为SQ...

-The type number of ball joints without seal is SQ...

## 直杆型球头杆端关节轴承系列

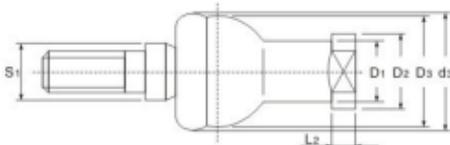
### Straight ball joint rod ends series

#### SQZ



#### Straight joint

- 球头座带有左旋或右旋的螺纹。  
Ball joint housing with right or left hand thread.
- 球头座由锌基合金制成。  
Ball joint housing made of zinc base alloy.
- 带橡胶密封圈。  
With rubber dust seal.



轴承型号 Bearings number	尺寸 Dimensions (mm)															负荷kn Load ratings	重量g Weight	
	d	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	S <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	S <sub>2</sub>			α
SQZ5RS	5	M5X0.8	9	20	8	11	7	4.6	24	4	12	9	11	17	9	15	2.8	25
SQZ6RS	6	M6X1.0	10	20	11	12.2	8	5.2	28	5	15	10	13	20	11	15	3.7	41
SQZ8RS	8	M8X1.25	12	24	12	16	10	6.5	32	5	16	12.5	16	24	14	15	5.8	75
SQZ10RS	10	M10X1.25	14	30	15	19.5	11	7.4.5	35	6.5	18	15	19	28	17	15	8.4	120
SQZ10RS-1	10	M10X1.5	14	30	21	19.5	11	80.5	35	6.5	18	15	19	28	17	15	8.4	120
SQZ12RS	12	M12X1.25	17	32	17	21	15	84	40	6.5	20	17.5	22	32	19	15	11	180
SQZ12RS-1	12	M12X1.75	17	32	24	21	15	91	40	6.5	20	17.5	22	32	19	15	11	180
SQZ14RS	14	M14X1.5	19	38	22	23.5	17	103	45	8	25	20	25	36	22	11	15	270
SQZ14RS-1	14	M14X2.0	19	38	28	23.5	17	109	45	8	25	20	25	36	22	11	15	270
SQZ16RS	16	M16X1.5	22	44	23	25.5	19	112	50	8	27	22	27	40	22	11	15	360
SQZ16RS-1	16	M16X2.0	22	44	29	25.5	19	118	50	8	27	22	27	40	22	11	15	360
SQZ18RS	18	M18X1.5	23	45	25	31	20	130.5	58	10	32	25	31	45	27	11	19	540
SQZ20RS	20	M20X1.5	27	50	25	29	24	133	63	10	38	27.5	34	45	30	7.5	19	570
SQZ22RS	22	M22X1.5	27	52	26	33	24	145	70	12	43	30	37	50	32	7.5	23	750

-球头座杆螺纹若是左旋, 轴承型号需加“L”, 例如: SQZ6RS

-For left-hand thread of the ball joint housing, please add suffix "L" in added to bearing number, e.g. SQZ 6RS

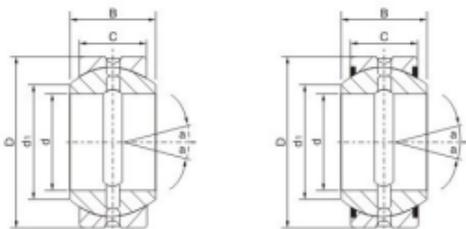
-不带密封罩产品型号为SQ...

-The type number of ball joints without seal is SQ...

## 单开缝向心关节轴承 (正常系列)

Spherical plain radial bearings with fitting crack

### GE...ES

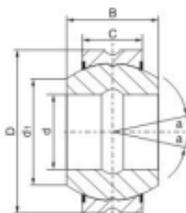
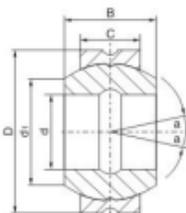


轴承型号 Bearings number	尺寸 Dimensions (mm)					额定负荷 Load ratings		e <sup>o</sup>	重量 Weight (kg)	
	d	D	B	C	d <sub>1</sub> min	动 Dynamic	静 Static			
GE4E	4	12	5	3	6	2	10	16	0.0033	
GE5E	5	14	6	4	7	3.4	17	13	0.0038	
GE6E	6	14	6	4	8	3.4	17	13	0.0042	
GE8E	8	16	8	5	10	5.5	27	15	0.0075	
GE10ES	10	19	9	6	13	8.1	40	12	0.011	
GE12ES	12	22	10	7	15	10	54	10	0.015	
GE15ES	GE15ES-2RS	15	26	12	9	18	17	85	8	0.027
GE17ES	GE17ES-2RS	17	30	14	10	20	21	106	10	0.041
GE20ES	GE20ES-2RS	20	35	16	12	24	30	146	9	0.066
GE25ES	GE25ES-2RS	25	42	20	16	29	48	240	7	0.119
GE30ES	GE30ES-2RS	30	47	22	18	34	62	310	6	0.153
GE35ES	GE35ES-2RS	35	55	25	20	39	80	400	6	0.233
GE40ES	GE40ES-2RS	40	62	28	22	45	100	500	7	0.306
GE45ES	GE45ES-2RS	45	68	32	25	50	127	640	7	0.427
GE50ES	GE50ES-2RS	50	75	35	28	55	156	780	6	0.546
GE60ES	GE60ES-2RS	60	90	44	36	66	245	1220	6	1.04
GE70ES	GE70ES-2RS	70	105	49	40	77	315	1560	6	1.55
GE80ES	GE80ES-2RS	80	120	55	45	88	400	2000	6	2.31
GE90ES	GE90ES-2RS	90	130	60	50	98	490	2450	5	2.75
GE100ES	GE100ES-2RS	100	150	70	55	109	610	3050	7	4.45
GE110ES	GE110ES-2RS	110	160	70	55	120	655	3250	6	4.82
GE120ES	GE120ES-2RS	120	180	85	70	130	950	4750	6	8.05
GE140ES	GE140ES-2RS	140	210	90	70	150	1080	5400	7	11.02
GE160ES	GE160ES-2RS	160	230	105	80	170	1370	6800	8	14.01
GE180ES	GE180ES-2RS	180	260	105	80	192	1530	7650	6	18.65
GE200ES	GE200ES-2RS	200	290	130	100	212	2120	10600	7	28.00
GE220ES	GE220ES-2RS	220	320	135	100	238	2320	11600	8	35.51
GE240ES	GE240ES-2RS	240	340	140	100	265	2550	12700	8	39.91
GE260ES	GE260ES-2RS	260	370	150	110	285	3050	15300	7	51.54

## 单开缝向心关节轴承 (中系列)

Spherical plain radial bearings

### GEG...ES

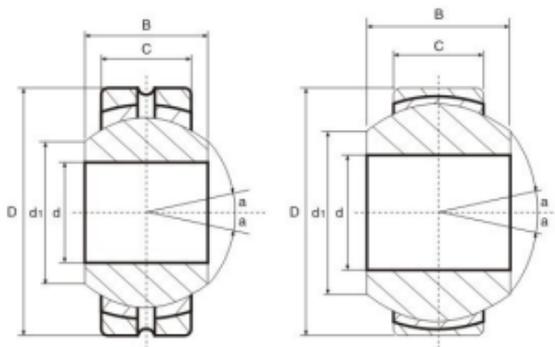


轴承型号 Bearings number		尺寸 Dimensions (mm)					额定负荷 Load ratings		$\alpha^{\circ}$	重量 Weight (kg)
		d	D	B	C	d <sub>1min</sub>	动 Dynamic	静 Static		
GEG4E		4	14	7	4	7	3.4	17	20	0.0045
GEG5E		5	14	9	5	8	5.5	27	21	0.0066
GEG6E		6	16	9	5	9	5.5	27	21	0.0081
GEG8E		8	19	11	6	11	8.1	40	21	0.0014
GEG10ES		10	22	12	7	13	10	54	18	0.021
GEG12ES		12	26	15	9	16	17	85	18	0.033
GEG15ES	GEG15ES-2RS	15	30	16	10	19	21	106	16	0.049
GEG17ES	GEG17ES-2RS	17	35	20	12	21	30	146	19	0.083
GEG20ES	GEG20ES-2RS	20	42	25	16	24	48	240	17	0.153
GEG25ES	GEG25ES-2RS	25	47	28	18	29	62	310	17	0.203
GEG30ES	GEG30ES-2RS	30	55	32	20	34	80	400	17	0.304
GEG35ES	GEG35ES-2RS	35	62	35	22	39	100	500	16	0.408
GEG40ES	GEG40ES-2RS	40	68	40	25	44	127	640	17	0.542
GEG45ES	GEG45ES-2RS	45	75	43	28	50	156	780	15	0.713
GEG50ES	GEG50ES-2RS	50	90	56	36	57	245	1220	17	1.44
GEG60ES	GEG60ES-2RS	60	105	63	40	67	315	1560	17	1.60
GEG70ES	GEG70ES-2RS	70	120	70	45	77	400	2000	16	3.01
GEG80ES	GEG80ES-2RS	80	130	75	50	87	490	2450	14	6.05
GEG90ES	GEG90ES-2RS	90	150	85	55	98	610	3050	15	5.22
GEG100ES	GEG100ES-2RS	100	160	85	55	110	655	3250	14	6.05
GEG110ES	GEG110ES-2RS	110	180	100	70	122	950	4750	12	9.68
GEG120ES	GEG120ES-2RS	120	210	115	70	132	1080	5400	16	14.72
GEG140ES	GEG140ES-2RS	140	230	130	80	151	1370	6800	16	19.01
GEG160ES	GEG160ES-2RS	160	260	135	80	176	1530	7650	16	20.02
GEG180ES	GEG180ES-2RS	180	290	155	100	196	2120	10600	14	32.21
GEG200ES	GEG200ES-2RS	200	320	165	100	220	2320	11600	15	45.28
GEG220ES	GEG220ES-2RS	220	340	175	100	243	2550	12700	16	51.12
GEG240ES	GEG240ES-2RS	240	370	190	100	263	3060	15300	15	65.12
GEG260ES	GEG260ES-2RS	260	400	205	120	285	3550	18000	15	82.44

## 镶垫向心关节轴承系列

Unlaid line spherical plain radial bearings series

### GEBK...S GECK...S

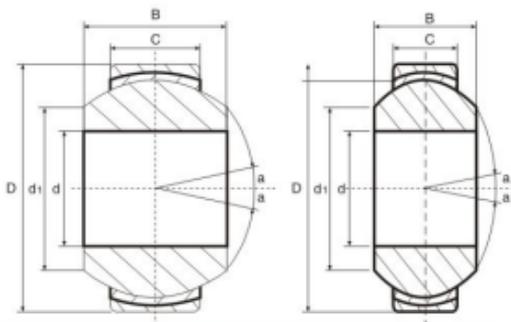


轴承型号 Bearings number		尺寸 Dimensions (mm)					负荷 Load ratings		a <sup>*</sup>	重量 Weight (kg)
		d	D	B	C	d <sub>1</sub> mm	动 dyn.c	静 stat.Co		
GECK5S	GEBK5S	5	16	8	5	6	7.7	7.8	13	0.0085
GECK6S	GEBK6S	6	18	9	6	6.75	9	9.8	13	0.013
GECK8S	GEBK8S	8	22	12	8	9	10.4	16	14	0.024
GECK10S	GEBK10S	10	26	14	10	10.5	12.9	23	14	0.039
GECK12S	GEBK12S	12	30	16	12	12	15.4	31	13	0.058
GECK14S	GEBK14S	14	34	19	14	13.5	16.9	40	16	0.084
GECK16S	GEBK16S	16	38	21	16	15	19.4	50	15	0.111
GECK18S	GEBK18S	18	42	23	18	16.5	21.9	61	15	0.160
GECK20S	GEBK20S	20	46	25	20	18	24.4	73	15	0.21
GECK22S	GEBK22S	22	50	28	22	20	25.8	88	15	0.26
GECK25S	GEBK25S	25	56	31	25	22	29.6	110	15	0.39
GECK30S	GEBK30S	30	66	37	30	25	34.8	148	17	0.61

## 自润滑向心关节轴承系列

Maintenance-free spherical plain radial bearings

GE...C GEG...C



轴承型号 Bearings number	尺寸 Dimensions (mm)					负荷 Load ratings		a <sup>1</sup>	重量 Weight (kg)
	d	D	B	C	d <sub>1</sub> min	动 dyn.c	静 stat.Co		
两面带密封圈部分向心轴承 Spherical plain radial bearing with two seals and two-piece									
GE4C	4	12	5	3	6	2.1	5.4	16	0.0033
GE5C	5	14	6	4	7	3.6	9.1	13	0.0038
GE6C	6	14	6	4	8	3.6	9.1	13	0.0042
GE8C	8	16	8	5	10	5.8	14	15	0.0075
GE10C	10	19	9	6	13	8.6	21	12	0.011
GE12C	12	22	10	7	15	11	28	10	0.015
GE15C	15	26	12	9	18	18	45	8	0.027
GE17C	17	30	14	10	20	22	56	10	0.041
GE20C	20	35	16	12	24	31	78	9	0.066
GE25C	25	42	20	16	29	51	127	7	0.119
GE30C	30	47	22	18	34	65	166	6	0.163

镶套向心轴承 Spherical plain radial bearing inlaid line									
轴承型号 Bearings number	d	D	B	C	d <sub>1</sub> min	动 dyn.c	静 stat.Co	a <sup>1</sup>	重量 Weight (kg)
GEG4C	4	14	7	4	7	3.6	9.1	20	0.0045
GEG5C	5	16	9	5	8	5.8	14	21	0.0066
GEG6C	6	16	9	5	9	5.8	14	21	0.0081
GEG8C	8	19	11	6	11	8.6	21	21	0.014
GEG10C	10	22	12	7	13	11	28	16	0.021
GEG12C	12	26	15	9	16	18	45	16	0.033
GEG15C	15	30	16	10	19	22	56	16	0.049
GEG17C	17	35	20	12	21	31	78	19	0.083
GEG20C	20	42	25	16	24	51	127	17	0.133
GEG25C	25	47	28	16	29	65	166	17	0.203
GEV30C	30	55	32	20	34	83	212	17	0.304