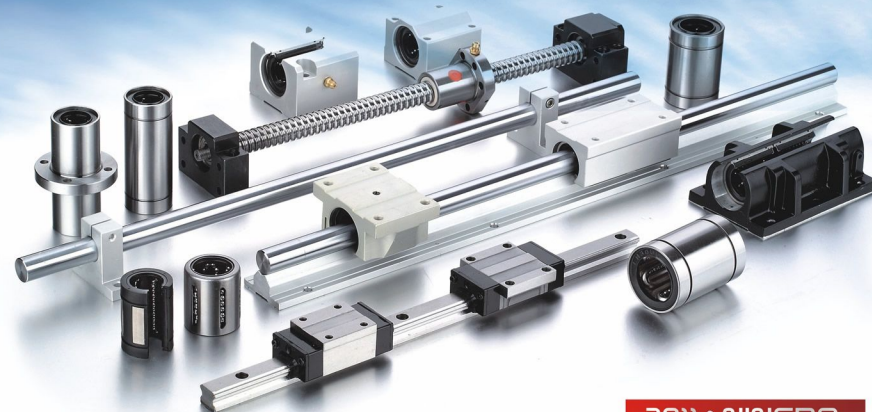


宁波市鄞州科博轴承有限公司

NINGBO KING BALL BEARING (KBB) INDUSTRY CO.,LTD

▶ 直线轴承\直线光轴\直线导轨\滚珠丝杠
KH直线轴承\箱式单元\轴支撑座\轴支轨\BKBF丝杠支撑座

Linear Bearings\Linear Shaft\Linear Motion Guide\Ball Screws\KH Linear Bearings\Slide Unit\Shaft Support\Shaft Rail Support\Ball Screws Support





COMPANY PROFILE

公司/简介

宁波市鄞州科博轴承有限公司是以直线系类产品的生产和研发为主导，拥有多年的产品研发生产与销售经验，现已拥有全系列的直线轴承产品，产品远销美国，英国，法国，德国，俄罗斯，加拿大，巴西，意大利，澳大利亚，新西兰，日本，韩国，南非等国家。

公司的宗旨：以质量求生存，以服务求发展。我们将不懈努力追求卓越，实现创新技术、至尊品质、至诚服务，逐渐扩展所有机械领域使用的直线运动系列的经营产品，不断完善销售网络为您提供更多质优价廉的产品，使您的产品在竞争中占据优势。

公司目前主要拥有的产品有：标准直线轴承，耐高温钢保直线轴承，不锈钢直线轴承，ABBA和HIWIN直线导轨，国产直线导轨，线性光轴，法兰直线轴承，KH直线轴承，亚欧制轴承座，滚珠丝杠，轴支撑座，滚珠丝杠支撑座。

公司每年会推出新的产品，目前新开发的产品有INA标准的欧制铝托，INA标准的欧制支撑座，欢迎新老客户前来选购。

NingBo King Ball Bearing (KBB) Industry Co.,Ltd is one of the biggest Chinese manufactory with several years expertise in producing linear systems and other bearings. The widest range of linear bearings and accessories, all engineered for low friction and smooth, accurate straight line motion. We satisfy strict requirements with the highest performance linear bearings available.

In China other Chinese manufactory didn't have some products for example Support Rail Unit, Shaft Support with Europe standard but KBB have.

KBB products exported to the United States, Britain, France, Germany, Russia, Canada, Brazil, Italy, Australia, Japan, South Korea, South Africa, more than 30 countries and regions, favored by overseas consumers! We can safely and reliably transport our goods to almost anywhere in the world.



LM...P9
KB...P11
SW...P13



LM...AJ...P9
KB...AJ...P11
SW...AJ...P13



LMF...L...P24
KBF...L...P30



LMK...L...P24
KBK...L...P30



LM...OP...P9
KB...OP...P11
SW...OP...P13



LM...L...P15
KB...L...P16
SW...L...P17



KH...P18



LMT...L...P27



LMFP...L...P25



LMKP...L...P25



LMF...P19
KBF...P23



LMK...P19
KBK...P23



LMT...P21



LMFC...L...P26
KBFC...L...P31



LMKC...L...P26
KBKC...L...P31



LMT...L...P28



LMFP...P20



LMKP...P20



LMT...P22



LMT...L...P29



SMA(SC)...P32
KBA(SCE)...P35



SMA(SC)...AJ...P32
KBA(SCE)...AJ...P35



KBB...P39



KBB...AJ...P39



SP...P45



SBR...P46
STBR...P47
FTSN...P48



LM...AJ...A...P9
KB...AJ...A...P11
SW...AJ...A...P13



KBB...OP...P40



SMA...S...P33



SMA...L...P34
KBA...L...P34



LM...OP...A...P9
KB...OP...A...P11



LM...A...P9
KB...A...P11



BRH...B...P49
BRS...B...P51



SME...P37
KBE...P37



TBR...P36



SME...L...P38



HGH...P53



BRH...A...P50



HGW...P52



SK...P41
FGWA...P42



SHF...P43



SFC...P44
SI...P45



SFU...P54
SFE...P55
DFU...P56



BF...P57



BK...P58



LOADING RATING AND TRAVLING LIFE OF KBB LINEAR MOTION SYSTEMSLOAD RATING

• Basic Dynamic Load Rating (C)

The method for calculating the Basic Dynamic Load Rating can be found in JIS B1518 and is based on an endurance test of 1,000,000 revolutions.

• Basic Static Load Rating (Co)

The Basic Static Load Rating is the amount of static radial load that will cause a total permanent deformation (ball and raceway) on the most heavily stressed ball/raceway contact area (the center) that equals to 0.0001 of the ball diameter under a stress level of 4200 Mpa.

• Calculated Moment (M)

This term defines the allowable limit value of static moment load, with reference to the amount of permanent deformation similar to that used for evaluation of basic static load rating (Co).

• Static Safety Coefficient (fs)

The equation of fs is following

$$fs = \frac{C_o}{P} \quad \text{Or} \quad fs = \frac{M_o}{M}$$

- fs: Static Safety Coefficient
- Co: Basic static load rating Coefficient (N)
- Mo: Static permissible moment (N · mm)
- P: Calculated load (N)
- M: Calculated moment (N · mm)

Table 1. Standard Values For The Static Safety Coefficient

Machine Used	Loading Conditions	fs lower limit
Ordinary Industrial Machine	Receiving no vibration or impact	1.0-1.3
	Receiving vibration or impact	2.0-3.0
Machine Tool	Receiving no vibration or impact	1.0-1.5
	Receiving vibration or impact	2.5-7.0

Rating Life

As long as the linear system reciprocates while being loaded, continuous stress acts on the linear system to cause flaking on the rolling bodies and planes because of material fatigue. The travelling distance of linear system until the first flaking occurs is called the life of the systems. The life of the system varies even for the systems of the same dimensions, structure, material, heat treatment and processing method, when used in the same conditions. This variation is brought about from the essential variations in the material fatigue itself. The rating life defined below is used as an index for the life expectancy of the linear system.

Rating Life (L)

Rating life is the total travelling distance that 90% of a group of systems of the same size can reach without causing any flaking when they operate under the same conditions. And the normal Rating life is about 50,000 meters.

The rating life can be obtained from the following equation with the basic dynamic load rating and the load applied to the linear bearing.

• For linear motion system with balls

$$L = \left(\frac{C}{P}\right)^3 \cdot 50$$

- L: Rating life (km)
- C: Basic dynamic load rating (N)
- P: Load (N)

• Equation of Rating Life

Since ball elements are used as rolling element in the KBB linear bearings, the following equation is used to calculate the Rating life

$$L = \left(\frac{f_H \cdot f_T \cdot f_C \cdot C}{f_W \cdot P} \right)^3 \cdot 50$$

- L: Rating lift (km)
- P: Load (N)
- f_H: Hardness Coefficient (Refer to Fig. 1)
- C: Basic dynamic load rating (N)
- f_T: Temperature Coefficient (Refer to Fig. 2)
- f_C: Contact Coefficient (Refer to Table 2)
- f_W: Load Coefficient (Refer to Table 3)

The Rating life in time(Lh) of a linear bearing in hours can be obtained by calculating the traveling distance per unit min.

If the stroke distance and number of strokes per unit time are constant, the life is calculated using the following equation.

$$Lh = \frac{L \cdot 10^3}{2l_s \cdot n_1 \cdot 60}$$

- Lh: Rating life in time (hr)
- l_s: Stroke distance (m)
- L: Rating life (km)
- n1: Number of strokes per minute (cpm)

Working Coefficient

• Hardness Coefficient (f_H)

If the surface hardness is less than HRC58, the rated load is reduced. KBB uses an advanced heat treatment method to maintain an appropriate level of hardness. However, if a linear shaft with inadequate hardness must be used, the rated load must be re-calibrated based on the hardness coefficients given in Fig.1

Fig. 1 Hardness Coefficient

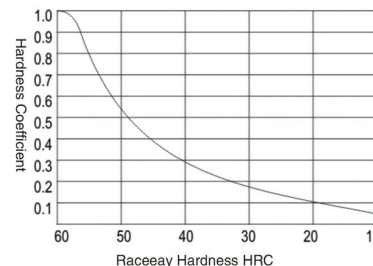
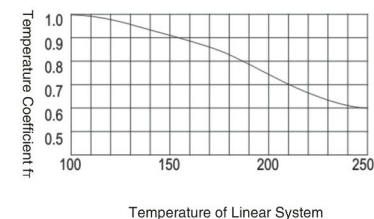


Fig. 2 Temperature Coefficient



• Temperature Coefficient (ft)

If the temperature of the linear system exceeds 100°C, hardness of the linear system and the shaft lowers to decrease the permissible load compared to that of the linear system used at room temperature. As a result, the abnormal temperature rise shortens the rating life.



• **Contact Coefficient (f_c)**

Generally two or more linear bushings are used on one shaft. Thus, the load on each linear system differs depending on each processing accuracy. Because the linear bushings are not loaded equally, the number of linear bushings per shaft changes the permissible load of the system.

Table 2 Contact Coefficient

Number of linear bearing in one shaft	Contact coefficient f_c
1	1.00
2	0.81
3	0.72
4	0.66
5	0.61
6 or more	0.60

• **Frictional Coefficient (F)**

Linear bearing had balls as rolling elements,so the balls can reduce the frictional resistance.Static friction is very low,and the friction resistance can be calculated by following equation.

$$F = \mu \cdot W + f$$

F: Frictional resistance μ : Coefficient of friction
W: Load weight f: Sealing resistance

The frictional resistance of each KBB linear system depends on the model, load weight, speed, and lubricant. The sealing resistance depends on the lip interference and lubricant, regardless of the load weight. The sealing resistance of one linear system

• **Load Coefficient (f_w)**

When calculating the load on the linear system, it is necessary to accurately obtain object weight, inertial force based on motion speed, moment load, and each transition as time passes. However, it is difficult to calculate those values accurately because reciprocating motion involves the repetition of start and stop as well as vibration and impact. A more practical approach is to obtain the load coefficient by taking the actual operating conditions into account.

Table 3 Load Coefficient

Operating Conditionss	F_w
Operation at low speed (15m/min.or less) without impulsive shock from outside	1.0 to 1.5
Operation at intermediate speed (60m/min.or less) without impulsive shock	1.5 to 2.0
Operation at high speed (over 60m/min.) With impulsive shock from outside	2.0 to 3.5

Is about 200 to 500 gf. The coefficient of friction depends on the load weight, moment load, and preload. Table 6 shows the coefficient of kinetic friction of each type of linear system which has been installed and lubricated properly and applied with normal load ($P/C = 0.2$)

Table 5 Coefficient of Linear System Friction (μ)

Linear System Type	Models	Coefficient of Friction (μ)
Linear Bearing	LM KB SW	0.002 to 0.003

Ambient Working Temperature

The ambient working temperature range for each KBB linear product depends on the model. The detail information refer to Table 6

Temperature conversion equation

$$C = \frac{5}{9} (F - 32)$$

$$F = 32 + \frac{9}{5} C$$

Table 6 Ambient Working Temperature

Linear Bearing Type	Model	Ambient Working Temperature
Linear Bearing with resin retainer	LM KB SW	-20 to 80°C
Linear Bearing with steel retainer	LM-GA KB-GA SW-GA	-20 to 110°C
Linear Bearing with stainless steel	LMS-GA KBS-GA SW-GA	-20 to 140°C

Lubrication and Dust Prevention

Using KBB linear systems without lubrication increases the abrasion of the rolling elements, shortening the life span. The KBB linear systems therefore require appropriate lubrication. For lubrication KBB recommends turbine oil conforming to ISO Standards G32 to G68 or lithium base soap grease No.2. Some KBB linear systems are sealed to block dust out and seal lubricant in. If used in a harsh or corrosive environment, however, apply a protective cover to the part involving linear motion.

Load Rating and Travel Life

The Rating Life (L) of a linear bushing can be obtained from the following equation with the basic dynamic load rating and the load applied to the bush:

$$L = \left(\frac{F_H \cdot F_f \cdot F_c}{f_w} \cdot \frac{C}{P} \right)^3 \cdot 50 \quad (1)$$

L: Rating lift (km)
P: Load (N)
 f_w : Hardness Coefficient (Refer to Fig. 1)
C: Basic dynamic load rating (N)
 f_f : Temperature Coefficient (Refer to Fig. 2)
 f_c : Contact Coefficient (Refer to Table 2)
 f_w : Load Coefficient (Refer to Table 3)

The Rating life in time (Ln) of a linear bushing in hours can be obtained by calculating the traveling distance per unit time. The lifespan can be obtained from the following equation if the stroke length and the number of strokes are constant:

$$Lh = \frac{L \cdot 10^3}{2l_s \cdot n_1 \cdot 60} \quad (2)$$

Lh: Rating life in time (hr)
 l_s : Stroke distance (m)
L : Rating life (km)
 n_1 : Number of strokes per minute (cpm)



Relation between ball circuits and load rating

The KBB linear bearing includes ball circuits that are spaced equally and circumferentially. The load rating varies according to the loaded position on the circumference.

The value the dimension table indicates the load rating when the load is placed on top of one ball circuit. If the KBB linear bushing is used with two ball circuits loaded uniformly, the load rating will be greater. The table 7 shows the values by the number of ball circuits in such cases:

Table 7

Number of rows	3	4	5	6	8
ROW POSITION LOAD RATIO					
Row position					
	Q1=P0	Q1=P0	Q1=1.106P0	Q1=1.354P0	Q1=1.841P0
Row position					
	Q1=P0	Q1=1.414P0	Q1=1.618P0	Q1=1.732P0	Q1=2.052P0
Load ratio	Q0/Q1=1	Q0/Q1=1.414	Q0/Q1=1.463	Q0/Q1=1.280	Q0/Q1=1.115

1. Obtaining the rated life L and lifespan Lh of the KBB linear bushing used in the following conditions:

- linear bearing: LM20U
- stroke length: 50mm
- number of strokes per minute: 50cpm
- load per bush: 490N

$$L = \left(\frac{f_H \cdot f_T \cdot f_C}{P} \right)^3 \cdot 50 \quad F_H = F_T = F_C = F_w = 1.0$$

$$= \left(\frac{882}{490} \right)^3 \times 50 = 292\text{km}$$

The basic dynamic load rating of the linear bushing is 882N from the dimension table. From equation(1), therefore, the rated life L is obtained as follows:

From equation(2), the lifespan Lh is obtained as follows:

$$L = \frac{L \times 10^3}{2 \times e_s \times n_1 \times 60} = \frac{292 \times 10}{2 \times 0.05 \times 50 \times 60} = 973\text{hr}$$

2. Selecting the linear bearing type satisfying the following conditions:

- number of linear bearing used: 4
- stroke length: 1meter
- traveling speed: 10m/min
- number of strokes per minute: 5cpm
- lifespan: 10,000hr
- total load: 980N

From equation(1), the basic dynamic load rating is obtained as follows:

$$L = \sqrt[3]{\frac{L}{50}} \cdot \left(\frac{f_w}{f_H \cdot f_T \cdot f_C} \right) \cdot P = 1492\text{N}$$

Assume the following with a pair of shafts each with two linear bearings:

$$F_C = 0.81, F_w = F_T = F_C = 1$$

As a result, LM30 is selected from the dimension table as the KBB linear bearing type satisfying the value of C

From equation(2), the traveling distance within the lifespan is obtained as follows:

$$L = 2 \times l_s \times n_1 \times 60 \times L_h = 6,000\text{km}$$

Lubrication and Dust Prevention

Using KBB linear systems without lubrication increases the abrasion of the rolling elements, shortening the life span. The KBB linear systems therefore require appropriate lubrication. For lubrication KBB recommends turbine oil conforming to ISO Standards G32 to G68 or lithium base soap grease No.2. Some KBB linear systems are sealed to block dust out and seal lubricant in. If used in a harsh or corrosive environment, however, apply a protective cover to the part involving linear motion.

Clearance and Fit

When a standard-type KBB linear bushing is used with a shaft, inadequate clearance, adjustment may cause early bush failure and/or poor, rough traveling. The clearance adjustable linear bush and open linear bush can be clearance adjusted when assembled in the housing which can control the outside cylinder diameter. However, too much clearance adjustment increases the deformation of the outside cylinder, to affect its precision and life. Therefore, the appropriate clearance between the bush and shaft, and clearance between the bush and housing are required according to the application. Table 8 shows recommended fit of the bush:

Table 8

Model	Division	Shaft		Housing	
		Normal fit	Transitional	Loose fit	Tight fit
LM SW	High class	g6	h6	H7	J7
KB	High class	h6	j6	H7	J7

Note: The clearance may be zero or negative. Please attention the movement.

KBB Shaft

KBB shaft supply precision LM shaft for KBB linear bearing. Because the balls are running. So the hardness, surface finishing, and tolerance of shaft should have care on production.

The balls in the KBB linear bearing are running directly on the shaft surface. Therefore, the shaft dimensions, tolerance, surface finishing, and hardness greatly affect the traveling performance of the bearing. So the should have care on production.

Detail Shaft Dimensions

1. Material : We can supply three material Gcr15 , Ck45
2. Hardness : HRC58-64
3. Case Hardness depth : 0.8-2.5mm
4. Surface finishing : 0.8S-1.6S
5. Straightness 50um/300mm

KBB shaft can supply solid or hollow shaft. You will find it in our detail catalogue.

Housing and Shaft Support

The aluminium material of KBB products(Housing and shaf support) is aluminum alloy 6061 and surface oxidation treatment. And we can supply many types aluminium products, you will find it in our catalogue.

KBB BEARINGS STANDARD

International Standard of Linear Bearing

- ISO10285-1992 《Rolling bearings, linear motion, recirculating ball, sleeve type-Metric series》
- ISO14728-1:2004 《Rolling bearings, linear motion rolling bearings-part1: Dynamic load ratings and rating life》
- ISO14728-2:2004 《Rolling bearings, linear motion rolling bearings-part2: Static loading ratings》

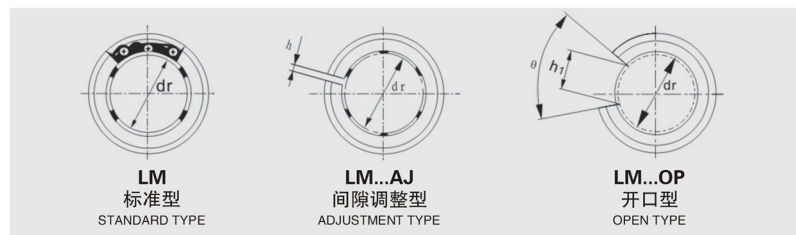
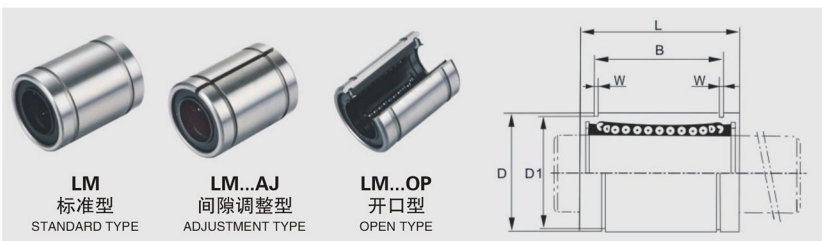
Industry Standard:
JB/T5368-1988





Lm直线轴承 LM Linear bearing

亚洲系列 Asia series



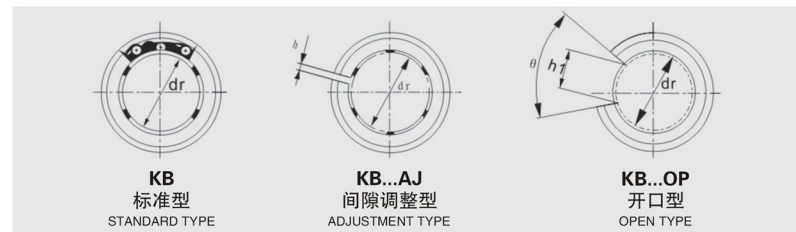
型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS							
						内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		球径 BALL DIAMETER	公差 TOLERANCE
						dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE		
LM3UU	4				3		7		10				
LM4UU	4				4	0 -0.008	8	0 -0.009	12	0 -0.12			
LM5UU	4				5		10		15				
LM6UU	4	LM6AJ	4		6		12		19				
LM8SUU	4	LM8SAJ	4		8		15	0 -0.011	17				
LM8UU	4	LM8AJ	4		8		15		24				
LM10UU	4	LM10AJ	4	LM10OP	3	10	0 -0.009	19		29	0 -0.20		
LM12UU	4	LM12AJ	4	LM12OP	3	12		21	0 -0.013	30			
LM13UU	4	LM13AJ	4	LM13OP	3	13		23		32			
LM16UU	5	LM16AJ	5	LM16OP	4	16		28		37			
LM20UU	5	LM20AJ	5	LM20OP	4	20		32		42			
LM25UU	6	LM25AJ	6	LM25OP	5	25	0 -0.010	40	0 -0.016	59			
LM30UU	6	LM30AJ	6	LM30OP	5	30		45		64			
LM35UU	6	LM35AJ	6	LM35OP	5	35		52		70	0 -0.30		
LM40UU	6	LM40AJ	6	LM40OP	5	40	0 -0.012	60	0 -0.019	80			
LM50UU	6	LM50AJ	6	LM50OP	5	50		80		100			
LM60UU	6	LM60AJ	6	LM60OP	5	60	0 -0.015	90	0 -0.022	110			

主要尺寸 MAIN DIMENSIONS						径向跳动 ECCEN- TRICITY (MAX.)	基本额定载荷 BASIC LOAD RATING		重量 WEIGHT(g)		
外止动槽 OUTER LOCKING GROOVE		W	h	h1	θ		动 DYNAMIC C(kgf)	静 STATIC Co(kgf)			
B	公差 TOLERANCE								D1		
						0.008	7	11			
						0.008	9	13	3		
10.2						0.008	17	21	4		
13.5						0.012	21	27	6	6	
11.5						0.012	18	23	9		
17.5						0.012	27	41	14	14	
22						0.012	38	56	28	27	
23						0.012	42	61	32	31	24
23						0.012	52	79	38	39	32
26.5						0.012	79	120	74	73	58
30.5						0.015	88	140	80	80	72
41						0.015	100	160	206	205	177
44.5						0.020	160	220	240	230	196
49.5						0.020	170	320	370	366	320
60.5						0.020	220	410	589	549	464
74						0.025	390	810	1480	1440	1180
85						0.025	480	1020	1750	1740	1700

注: 工程塑料保持器, 金属(钢)保持器, 不锈钢系列
Annotate: POM retainer, Steel retainer, stainless steel type

KB直线轴承 KB Linear bearing

欧洲系列 Europe series



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS					
						内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH	
						dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE
KB3UU	4					3	7	0	10	0	-0.12
KB4UU	4					4	8	0	12		
KB5UU	4	KB5AJ	4			5	12	-0.008	22		
KB8UU	4	KB8AJ	4			8	16		25		
KB10UU	4	KB10AJ	4	KB10OP	3	10	19		29	0	-0.20
KB12UU	4	KB12AJ	4	KB12OP	3	12	22	0	32		
KB16UU	5	KB16AJ	5	KB16OP	4	16	26	-0.009	36		
KB20UU	5	KB20AJ	5	KB20OP	4	20	32	-0.001	45		
KB25UU	6	KB25AJ	6	KB25OP	5	25	40	0	58		
KB30UU	6	KB30AJ	6	KB30OP	5	30	47	-0.001	68	0	-0.30
KB40UU	6	KB40AJ	6	KB40OP	5	40	62		80		
KB50UU	6	KB50AJ	6	KB50OP	5	50	75	0	100		
KB60UU	6	KB60AJ	6	KB60OP	5	60	90	-0.015	125	0	-0.40

注：工程塑料保持器，金属（钢）保持器，不锈钢系列
 Annotate: POM retainer, Steel retainer, stainless steel type

主要尺寸 MAIN DIMENSIONS						径向跳动 ECCENTRICITY (MAX.)	基本额定载荷 BASIC LOAD RATING		重量 WEIGHT(g)				
外止动槽 OUTER LOCKING GROOVE		W	h	h1	θ		动 DYNAMIC C(kgf)	静 STATIC Co(kgf)					
B	公差 TOLERANCE											D1	
						0.010	7	11					
							9	13					
14.5	0	-0.20	11.5	1.1	1	0.012	21	27	14				
16.5			15.2	1.1	1		27	41	20	20			
22			18	1.3	1.5		6.8	38	47	30	29	22.5	
22.9			21	1.3	1.5		7.5	52	79	40	39	35	
24.9			24.9	1.3	1.5		10	59	91	50	49	38	
31.5	0	-0.30	30.3	1.6	2	10	60°	88	140	90	88	72	
44.1			37.5	1.85	2	12.5	60°	100	160	207	205	173	
52.1			44.5	1.85	2	12.5	50°	160	280	320	319	267	
60.6			59	2.15	3	16.8	50°	220	400	674	650	558	
77.6			72	2.65	3	21	50°	390	810	1170	1160	990	
101.7	0	-0.40	86.5	3.15	3	27.2	54°	0.020	480	1020	1950	1910	1700



SW直线轴承 SW Linear bearing

英制系列 Inch system series



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS					
						内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH	
						dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE
SW4UU	4	SW4AJ	4			1/4" 6.35	0	0.5" 12.7	-0.011	0.75" 19.05	
SW6UU	4	SW6AJ	4			3/8" 9.525	0	0.625" 15.875		0.875" 22.225	
SW8UU	4	SW8AJ	4	SW8OP	3	1/2" 12.7	-0.009	0.875" 22.225	0	1.25" 31.75	-0.20
SW10UU	4	SW10AJ	4	SW10OP	3	5/8" 15.875		1.125" 28.575	-0.013	1.5" 38.1	
SW12UU	5	SW12AJ	5	SW12OP	4	3/4" 19.05	0	1.25" 31.75	0	1.625" 41.275	
SW16UU	5	SW16AJ	5	SW16OP	4	1" 25.4	-0.010	1.5625" 39.688	-0.016	2.25" 57.15	
SW20UU	6	SW20AJ	6	SW20OP	5	1-1/4" 31.75		2" 50.8	0	2.625" 66.675	-0.30
SW24UU	6	SW24AJ	6	SW24OP	5	1-1/2" 38.1	0	2.375" 60.325	-0.019	3" 76.2	
SW32UU	6	SW32AJ	6	SW32OP	5	2" 50.8	-0.012	3" 76.2	0	4" 101.6	

主要尺寸 MAIN DIMENSIONS							径向跳动 ECCEN- TRICITY (MAX.)	基本额定载荷 BASIC LOAD RATING			重量 WEIGHT(g)
外止动槽 OUTER LOCKING GROOVE			W	h	h1	θ		动 DYNAMIC C(kgf)	静 STATIC Co(kgf)		
B	公差 TOLERANCE	D1									
0.511" 12.98		0.4687" 11.906	0.039" 0.992	0.04" 1			0.012	21	27	64	
0.6385" 16.15		0.588" 14.935	0.039" 0.992	0.04" 1			0.012	23	32	14	
0.9625" 24.46	0	0.8209" 20.825	0.0459" 1.168	0.06" 1.5	0.34" 7.9375	80°	0.012	52	80	40	25
1.1039" 28.04	-0.20	1.059" 26.899	0.0559" 1.422	0.06" 1.5	0.375" 9.525	80°	0.012	79	120	76	
1.1657" 29.61		1.176" 29.87	0.0559" 1.422	0.06" 1.5	0.4375" 11.125	60°	0.015	88	140	90	70
1.7547" 44.57		1.4687" 37.306	0.0679" 1.727	0.06" 1.5	0.5625" 14.2875	50°	0.015	100	160	206	167.5
2.0047" 50.92	0	1.8859" 47.904	0.0679" 1.727	0.10" 2.54	0.625" 15.875	50°	0.020	160	280	370	304
2.4118" 61.26	-0.30	2.2389" 56.87	0.859" 2.184	0.12" 3	0.75" 19.05	50°	0.020	220	410	584	490
3.1917" 81.07		2.8379" 720.085	0.1029" 2.616	0.12" 3	1" 25.4	50°	0.025	390	810	600	980

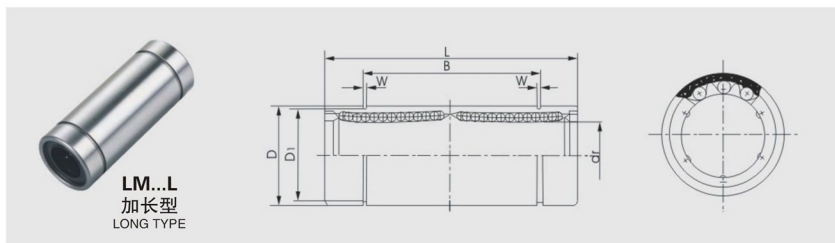
注: SW16UU钢保持器球列数5列, 工程塑料保持器球列数6列。
SW16AJ钢保持器球列数5列, 工程塑料保持器球列数6列。
SW16OP钢保持器球列数4列, 工程塑料保持器球列数5列。

Annotate: SW16UU steel retainer the number of ball rows is 5, POM retainer the number of ball rows is 6.
SW16AJ steel retainer the number of ball rows is 5, POM retainer the number of ball rows is 6.
SW16OP steel retainer the number of ball rows is 4, POM retainer the number of ball rows is 5.



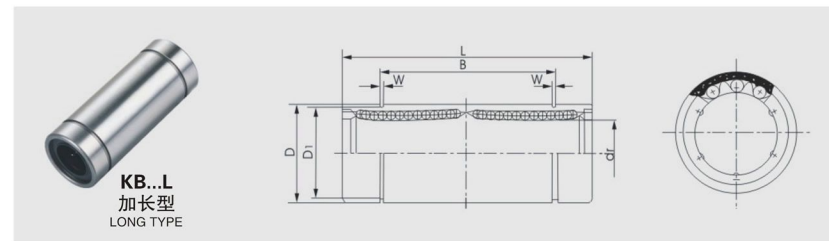
LM加长型直线轴承
LM long type Linear bearing

亚洲系列
Asia series



KB加长型直线轴承
KB long type Linear bearing

欧洲系列
Europe series



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										基本额定载荷 BASIC LOAD RATING		
		内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		外止动槽 OUTER LOCKING GROOVE		W	径向跳动 ECCENTRICITY (MAX.)	动 DYNAMIC C(kgf)	静 STATIC Co(kgf)	重量 WEIGHT (g)
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	B	公差 TOLERANCE					
LM6LUU	4	6		12	0	35		27		11.5	1.1	33	54	14
LM8LUU	4	8		15	-0.013	45		35		14.3	1.1	44	80	26
LM10LUU	4	10	0	19		55		44		18	1.3	60	112	55
LM12LUU	4	12	-0.010	21	0	57	0	46	0	20	1.3	83	160	58
LM13LUU	4	13		23	-0.016	61	-0.30	46	-0.30	22	1.3	83	160	77
LM16LUU	5	16		28		70		53		27	1.6	126	240	147
LM20LUU	5	20		32		80		61		30.5	1.6	143	280	171
LM25LUU	6	25	0	40	-0.019	112		82		38	1.85	159	320	400
LM30LUU	6	30		45		123		89		43	1.85	254	560	472
LM35LUU	6	35		52		135		99		49	2.1	270	640	708
LM40LUU	6	40	0	60	-0.022	151 (154)	0	121	0	57	2.1	350	820	1090
LM50LUU	6	50		80		192		148		76.5	2.6	620	1622	2800
LM60LUU	6	60	0	90	-0.025	209		170		86.5	3.15	770	2040	3800

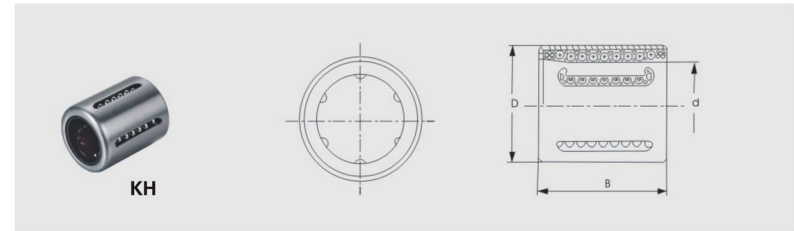
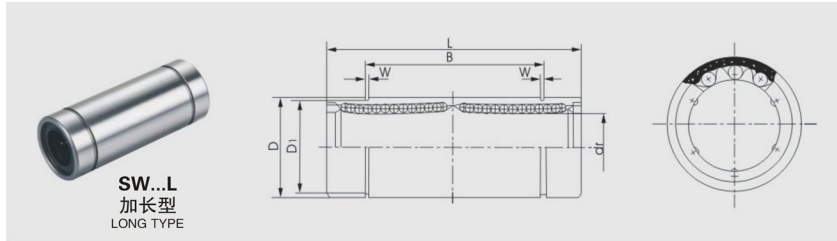
型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										基本额定载荷 BASIC LOAD RATING		
		内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		外止动槽 OUTER LOCKING GROOVE		W	径向跳动 ECCENTRICITY (MAX.)	动 DYNAMIC C(kgf)	静 STATIC Co(kgf)	重量 WEIGHT (g)
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	B	公差 TOLERANCE					
KB8LUU	4	8		16	0	46		33		15.2	1.1	43	82	36
KB10LUU	4	10	+0.009	19	-0.009	55		44		18	1.3	60	112	59
KB12LUU	4	12	-0.001	22	0	61	0	45.8	0	21	1.3	83	160	78
KB16LUU	5	16	+0.011	26	-0.011	68	-0.30	49.8	-0.30	24.9	1.3	94	182	97
KB20LUU	5	20	-0.001	32		80		61		30.5	1.6	140	280	169
KB25LUU	6	25	+0.013	40	-0.013	112		82		38	1.85	160	320	414
KB30LUU	6	30	-0.002	47		123		104.2		44.5	1.85	255	560	586
KB40LUU	6	40		62	0	151	0	121.2	0	59	2.15	350	820	1310
KB50LUU	6	50	+0.016	75	-0.015	192		155.2		72	2.65	620	1622	2500
KB60LUU	6	60	-0.004	90	0	209	-0.40	170	-0.40	86.5	3.15	770	2040	3700



SW加长型直线轴承
SW long type Linear bearing

英制系列
Inch system series

KH迷你型 (冲压套圈) 直线轴承
KH Mini(pressing bush) Linear bearing



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS									W	基本额定载荷 BASIC LOAD RATING			重量 WEIGHT (g)
		内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		外止动槽 OUTER LOCKING GROOVE				径向跳动 ECCEN-TRICITY (MAX.)	动 DYNAMIC Co(kgf)	静 STATIC Co(kgf)	
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	B	公差 TOLERANCE	D1					
SW4LUU	3	1/4" 6.35		0.5" 12.7	-0.013	1.375" 34.925		1.022" 25.959		0.4687" 11.906	0.039" 0.992	0.015	33	54	14
SW6LUU	4	3/8" 9.525		0.625" 15.875		1.5938" 40.481		1.2716" 32.298		0.588" 14.935	0.039" 0.992		36	64	30
SW8LUU	4	1/2" 12.7	0-0.011	0.875" 22.225	-0.016	2.375" 60.325	0 -0.30	1.925" 48.895	0 -0.30	0.8209" 20.853	0.0459" 1.168		83	160	82
SW10LUU	4	5/8" 15.875		1.125" 28.575		2.8125" 71.438		2.2079" 56.08		1.059" 26.899	0.0559" 1.422		126	240	156
SW12LUU	5	3/4" 19.05	0-0.012	1.25" 31.75	-0.019	3.0937" 78.581		2.3314" 59.218		1.176" 29.87	0.0559" 1.422	0.020	140	280	184
SW16LUU	5	1" 25.4		1.5625" 39.688		4.2813" 108.744		3.5094" 89.139		1.4687" 37.306	0.0679" 1.727		160	320	418
SW20LUU	6	1-1/4" 31.75		2" 50.8	-0.022	5" 127	0 -0.40	4.0094" 101.839	0 -0.40	1.8859" 47.904	0.0679" 1.727	0.025	255	360	746
SW24LUU	6	1-1/2" 38.1	0-0.015	2.375" 60.325		5.6875" 144.463		4.8236" 122.519		2.2389" 56.87	0.859" 2.184		350	820	
SW32LUU	6	2" 50.8		3" 76.2	-0.025	7.75" 196.85		6.3834" 162.138		2.8379" 72.085	0.1029" 2.616	0.030	620	1622	1206

型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS			基本额定载荷 BASIC LOAD RATING		重量 WEIGHT(g)
		d	D	B	动 DYNAMIC Co(kgf)	静 STATIC Co(kgf)	
KH0824PP	4	8	15	24	44	29	11.3
KH1026PP	4	10	17	26	51	38	14.4
KH1228PP	5	12	19	28	63	52	18.1
KH1428PP	5	14	21	28	63	52	20.6
KH1630PP	5	16	24	30	82	63	27.2
KH2030PP	6	20	28	30	97	81	32.7
KH2540PP	6	25	35	40	203	170	66
KH3050PP	7	30	40	50	286	276	95
KH4060PP	8	40	52	60	449	454	180
KH5070PP	9	50	62	70	561	643	250

注: SW16L钢保持器球列数5列, 工程塑料保持器球列数6列。

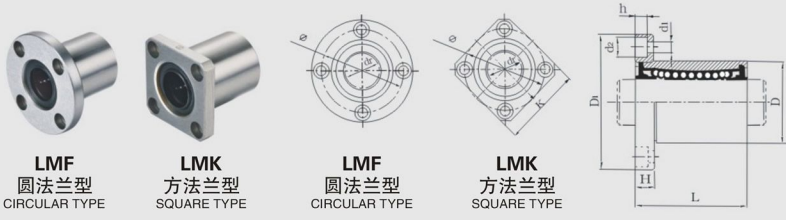
Annotate:SW16L steel retainer the number of ball rows is 5,POM retainer the number of ball rows is 6.



LMF圆法兰型直线轴承
LMF Circular flange type Linear bearing

LMF方法兰型直线轴承
LMF Square flange type Linear bearing

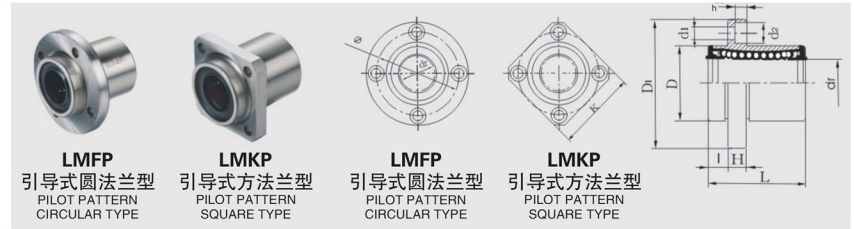
亚洲系列
Asia series



LMFP引导式圆法兰型直线轴承
LMFP Pilot pattern circular flange type linear bearing

LMKP引导式方法兰型直线轴承
LMKP Pilot pattern square flange type linear bearing

亚洲系列
Asia series

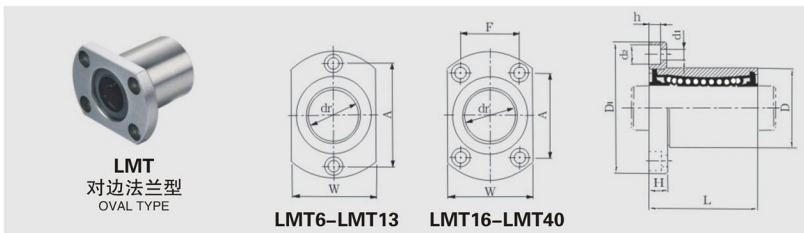


型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS												基本额定载荷 BASIC LOAD RATING		重量 WEIGHT(Kg)			
			内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE			连接孔 HOLE FOR ATTACHMENT			法兰垂直度 SQUAR-ENESS	径向跳动 ECCEN-TRICITY (MAX.)	动 DYNAMIC C(kgf)	静 STATIC C0(kgf)	重量 WEIGHT (kg)	
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ	d1	d2						h
LMF6JU	LMK6JU	4	6	12	0	19	0	28	22	5	20	3.5	6	3.1	0.012	0.012	21	27	0.022	0.017
LMF8JU	LMK8JU	4	8	15	0	17	0	32	25	5	24	3.5	6	3.1	0.012	0.012	18	22		
LMF8JU	LMK8JU	4	8	15	0	24	0	32	25	5	24	3.5	6	3.1	0.012	0.012	28	40	0.035	0.027
LMF10JU	LMK10JU	4	10	19	0	29	0	40	30	6	29	4.5	7.5	4.1	0.012	0.012	38	56	0.066	0.047
LMF12JU	LMK12JU	4	12	21	0	30	0	42	32	6	32	4.5	7.5	4.1	0.012	0.012	52	80	0.70	0.053
LMF13JU	LMK13JU	4	13	23	0	32	0	43	34	6	33	4.5	7.5	4.1	0.012	0.012	52	80	0.79	0.064
LMF16JU	LMK16JU	5	16	28	0	37	0	48	37	6	38	4.5	7.5	4.1	0.012	0.012	79	120	0.122	0.102
LMF20JU	LMK20JU	5	20	32	0	42	0	54	42	8	43	5.5	9	5.1	0.015	0.015	90	140	0.163	0.12
LMF25JU	LMK25JU	6	25	40	0	59	0	62	50	8	51	5.5	9	5.1	0.015	0.015	100	160	0.311	0.272
LMF30JU	LMK30JU	6	30	45	0	64	0	74	58	10	60	6.6	11	6.1	0.020	0.020	160	280	0.42	0.34
LMF35JU	LMK35JU	6	35	52	0	70	0	82	64	10	67	6.6	11	6.1	0.020	0.020	170	320	0.60	0.496
LMF40JU	LMK40JU	6	40	60	0	80	0	96	75	13	78	9	14	8.1	0.020	0.020	220	410	0.749	0.773
LMF50JU	LMK50JU	6	50	80	0	100	0	116	92	13	98	9	14	8.1	0.020	0.020	390	810	1.96	1.72
LMF60JU	LMK60JU	6	60	90	0	110	0	134	106	18	112	11	17.5	10.8	0.025	0.025	480	1020	2.70	2.25

型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS												基本额定载荷 BASIC LOAD RATING		重量 WEIGHT (kg)			
			内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE			连接孔 HOLE FOR ATTACHMENT			法兰垂直度 SQUAR-ENESS	径向跳动 ECCEN-TRICITY (MAX.)	动 DYNAMIC C(kgf)	静 STATIC C0(kgf)	重量 WEIGHT (kg)	
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ	d1	d2						h
LMFP6JU	LMKP6JU	4	6	12	0	19	0	28	22	5	20	3.5	6	3.1	0.012	0.012	21	27	0.22	0.17
LMFP8JU	LMKP8JU	4	8	15	0	17	0	32	25	5	24	3.5	6	3.1	0.012	0.012	18	22		
LMFP10JU	LMKP10JU	4	10	19	0	29	0	40	30	6	29	4.5	7.5	4.1	0.012	0.012	38	56	0.65	0.47
LMFP12JU	LMKP12JU	4	12	21	0	30	0	42	32	6	32	4.5	7.5	4.1	0.012	0.012	52	80	0.72	0.53
LMFP13JU	LMKP13JU	4	13	23	0	32	0	43	34	6	33	4.5	7.5	4.1	0.012	0.012	52	80	0.79	0.64
LMFP16JU	LMKP16JU	5	16	28	0	37	0	48	37	6	38	4.5	7.5	4.1	0.012	0.012	79	120	0.123	0.102
LMFP20JU	LMKP20JU	5	20	32	0	42	0	54	42	8	43	5.5	9	5.1	0.015	0.015	90	140	0.161	0.129
LMFP25JU	LMKP25JU	6	25	40	0	59	0	62	50	8	51	5.5	9	5.1	0.015	0.015	100	160	0.309	0.272
LMFP30JU	LMKP30JU	6	30	45	0	64	0	74	58	10	60	6.6	11	6.1	0.020	0.020	160	280	0.42	0.34
LMFP35JU	LMKP35JU	6	35	52	0	70	0	82	64	10	67	6.6	11	6.1	0.020	0.020	170	320	0.60	0.496
LMFP40JU	LMKP40JU	6	40	60	0	80	0	96	75	13	78	9	14	8.1	0.020	0.020	220	410	0.749	0.773
LMFP50JU	LMKP50JU	6	50	80	0	100	0	116	92	13	98	9	14	8.1	0.020	0.020	390	810	1.96	1.72
LMFP60JU	LMKP60JU	6	60	90	0	110	0	134	106	18	112	11	17.5	10.8	0.025	0.025	480	1020	2.80	2.70

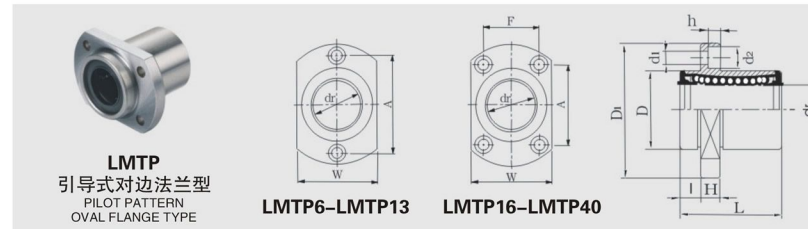
LMT对边法兰型直线轴承
LMT Oval flange type Linear bearing

亚洲系列
Asia series



LMTMP引导式对边法兰型直线轴承
LMTMP Pilot oval flange type

亚洲系列
Asia series



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS											法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)		
		内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE				连接孔 HOLE FOR ATTACHMENT			动 DYNAMIC C(kgf)	静 STATIC C(kgf)			
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	W	H	A	F						d1	d2
LMT6UU	4 6	0 -0.009	12	0	19	0 -0.20	28	18	5	20	3.5	6	3.1	0.012	0.012	21	27	0.019	
LMT8UU	4 8		15	-0.011	24		32	21	5	24	3.5	6	3.1			27	41	0.029	
LMT10UU	4 10		19	29	40		25	6	29	4.5	7.5	4.1	38			56	0.054		
LMT12UU	4 12		21	0	30		42	27	6	32	4.5	7.5	4.1			42	61	0.058	
LMT13UU	4 13		23	-0.013	32		43	29	6	33	4.5	7.5	4.1			52	79	0.072	
LMT16UU	5 16		28	37	48		34	6	31	22	4.5	7.5	4.1			79	120	0.109	
LMT20UU	5 20	32	42	54	38	8	36	24	5.5	9	5.1	88	140	0.135					
LMT25UU	6 25	0 -0.016	40	0	59	0 -0.30	62	46	8	40	32	5.5	9	5.1	0.015	0.015	100	160	0.28
LMT30UU	6 30	45	64	74	51		10	49	35	6.6	11	6.1	160	280			0.35		
LMT35UU	6 35	0 -0.012	52	0	70		82	60	10	55	38	6.6	11	6.1			170	320	0.524
LMT40UU	6 40	60	-0.019	80	96		70	13	64	45	9	14	8.1	220			410	0.836	

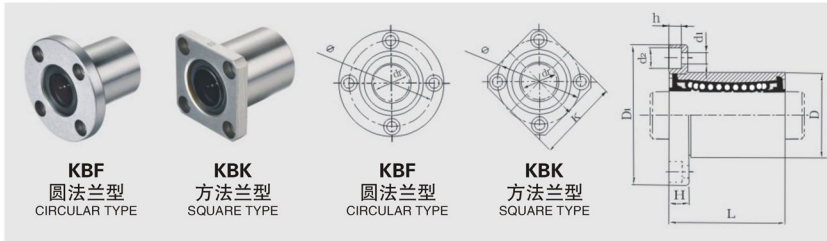
型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS											法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)		
		内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE				连接孔 HOLE FOR ATTACHMENT			动 DYNAMIC C(kgf)	静 STATIC C(kgf)			
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	W	H	A	F						d1	d2
LMT6UU	4 6	0 -0.009	12	0	19	0 -0.20	28	18	5	20	3.5	6	3.1	0.012	0.012	21	27	0.019	
LMT8UU	4 8		15	-0.013	24		32	21	5	24	3.5	6	3.1			27	41	0.028	
LMT10UU	4 10		19	29	40		25	6	29	4.5	7.5	4.1	38			56	0.057		
LMT12UU	4 12		21	0	30		42	27	6	32	4.5	7.5	4.1			42	61	0.062	
LMT13UU	4 13		23	-0.016	32		43	29	6	33	4.5	7.5	4.1			52	79	0.072	
LMT16UU	5 16		28	37	48		34	6	31	22	4.5	7.5	4.1			79	120	0.105	
LMT20UU	5 20	32	42	54	38	8	36	24	5.5	9	5.1	88	140	0.146					
LMT25UU	6 25	0 -0.010	40	0	59	0 -0.30	62	46	8	40	32	5.5	9	5.1	0.015	0.015	100	160	0.22
LMT30UU	6 30	45	64	74	51		10	49	35	6.6	11	6.1	160	280			0.37		
LMT35UU	6 35	0 -0.012	52	0	70		82	60	10	55	38	6.6	11	6.1			170	320	0.52
LMT40UU	6 40	60	-0.022	80	96		70	13	64	45	9	14	8.1	220			410	0.828	



KBF圆法兰型直线轴承
KBF Circular flange type Linear bearing

KBK方法兰型直线轴承
KBK Square flange type Linear bearing

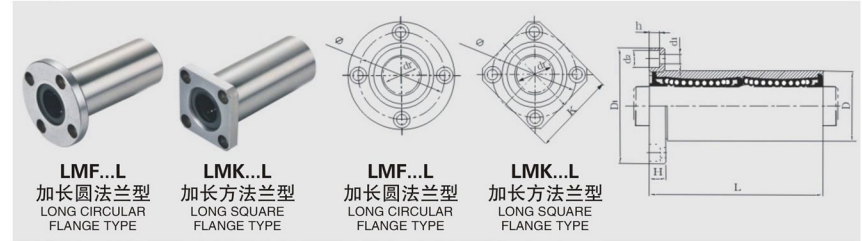
欧洲系列
Europe series



LMF加长圆法兰型直线轴承
LMF Long circular flange type Linear bearing

LMK加长方法兰型直线轴承
LMK Long square flange type Linear bearing

欧洲系列
Europe series



型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 RATING		重量 WEIGHT (Kg)		
			内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE			连接孔 HOLE FOR ATTACHMENT			动	静			
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ			d1	d2	h	DYNAMIC C(1kgf)	STATIC C0(1kgf)
KBF5UU	KBK5UU	4	5	12	0	22	26	22	5	20	3.5	6	3.1	0.012	0.012	21	27		
KBF8UU	KBK8UU	4	8	16	-0.008	25	32	25	5	24	3.5	6	3.1			27	41	0.039	0.032
KBF10UU	KBK10UU	4	10	19	-0.008	29	40	30	6	29	4.5	7.5	4.1			38	56	0.055	0.048
KBF12UU	KBK12UU	4	12	22	-0.009	32	42	32	6	32	4.5	9	4.1			52	80	0.79	0.062
KBF16UU	KBK16UU	5	16	26	+0.009	36	46	35	6	36	4.5	7.5	4.1			59	91	0.106	0.074
KBF20UU	KBK20UU	5	20	32	-0.001	45	54	42	8	43	5.5	7.5	5.1			88	140	0.171	0.137
KBF25UU	KBK25UU	6	25	40	+0.011	58	62	50	8	51	5.5	9	5.1	0.015	0.015	100	160	0.308	0.265
KBF30UU	KBK30UU	6	30	47	-0.001	68	76	60	10	62	6.6	11	6.1			160	280	0.594	0.43
KBF40UU	KBK40UU	6	40	62	0	80	98	75	13	80	9	14	8.1	0.017	0.017	220	410	1.098	0.88
KBF50UU	KBK50UU	6	50	75	+0.013	100	112	88	13	94	9	14	8.1			390	810	1.67	1.46
KBF60UU	KBK60UU	6	60	90	-0.015	125	134	106	18	112	11	17.5	10.8	0.020	0.020	480	1000	3.00	2.60

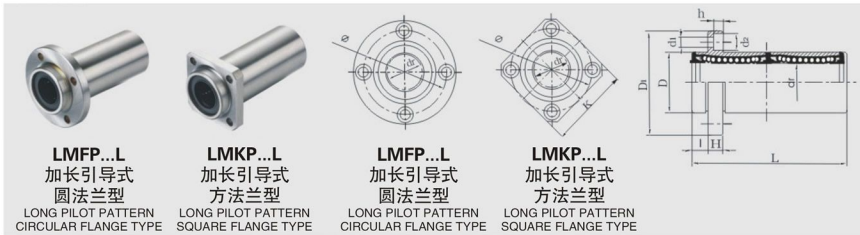
型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 RATING		重量 WEIGHT (Kg)				
			内径 INSCRIBED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE			连接孔 HOLE FOR ATTACHMENT			动	静					
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ			d1	d2	h	DYNAMIC C(1kgf)	STATIC C0(1kgf)		
LMF6LUU	LMK6LUU	4	6	12	0	35	12	0	-0.013	45	28	22	5	20	3.5	6	3.1	33	54	0.031	0.023
LMF8LUU	LMK8LUU	4	8	15	-0.013	45	32	25	5	24	3.5	6	3.1			44	80	0.048	0.043		
LMF10LUU	LMK10LUU	4	10	19	0	55	40	30	6	29	4.5	7.5	4.1	0.012	0.012	60	112	0.089	0.074		
LMF12LUU	LMK12LUU	4	12	21	-0.01	57	42	32	6	32	4.5	7.5	4.1			83	160	0.095	0.08		
LMF13LUU	LMK13LUU	4	13	23	-0.016	61	43	34	6	33	4.5	7.5	4.1			83	160	0.12	0.11		
LMF16LUU	LMK16LUU	5	16	28	0	70	48	37	6	38	4.5	7.5	4.1			126	240	0.19	0.157		
LMF20LUU	LMK20LUU	5	20	32	0	80	54	42	8	43	5.5	9	5.1			143	280	0.25	0.213		
LMF25LUU	LMK25LUU	6	25	40	-0.012	112	62	50	8	51	5.5	9	5.1	0.020	0.020	159	320	0.507	0.473		
LMF30LUU	LMK30LUU	6	30	45	0	123	74	58	10	60	6.6	11	6.1			254	560	0.643	0.57		
LMF35LUU	LMK35LUU	6	35	52	0	135	82	64	10	67	6.6	11	6.1			270	640	0.95	0.91		
LMF40LUU	LMK40LUU	6	40	60	-0.015	151	96	75	13	78	9	14	8.1	0.025	0.025	350	820	1.48	1.31		
LMF50LUU	LMK50LUU	6	50	80	0	192	116	92	13	98	9	14	8.1			620	1622	3.79	3.10		
LMF60LUU	LMK60LUU	6	60	90	-0.020	209	134	106	18	112	11	17.5	10.8			770	2040	4.40	3.5		



LMFP...L 加长引导式圆法兰型直线轴承
LMFP...L Long pilot pattern circular flange type

LMKP...L 加长引导式方法兰型直线轴承
LMKP...L Long pilot patternsquare flange type

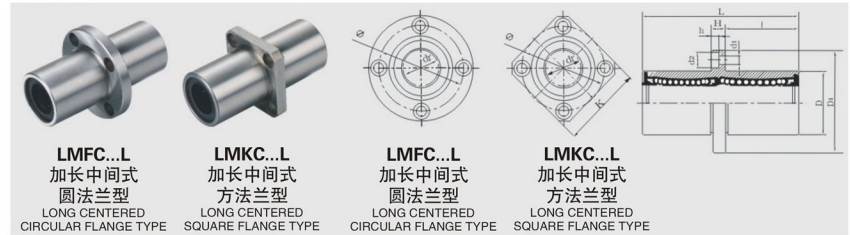
亚洲系列
Asia series



LMFC...L 加长中间式圆法兰型直线轴承
LMFC...L Long centered circular flange type

LMKC...L 加长中间式方法兰型直线轴承
LMKC...L Long centered square flange type

亚洲系列
Asia series

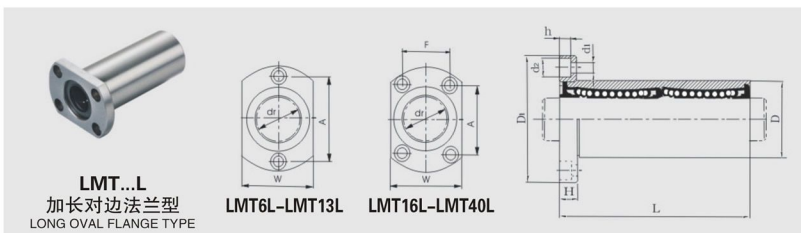


型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS											法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)			
			内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE		连接孔 HOLE FOR ATTACHMENT					DYNAMIC C(kgf)	静 STATIC C(kgf)	F	K		
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ	d1							d2	h
LMFP6LUU	LMKP6LUU	4 6	0	12	0	35	0	5	28	22	5	20	3.5	6	3.1	0.015	0.015	33	54	0.028	0.024
LMFP8LUU	LMKP8LUU	4 8	0	15	-0.013	45	0	5	32	25	5	24	3.5	6	3.1			44	80	0.045	0.042
LMFP10LUU	LMKP10LUU	4 10	0	19	0	55	0	6	40	30	6	29	4.5	7.5	4.1	0.015	0.015	60	112	0.080	0.074
LMFP12LUU	LMKP12LUU	4 12	-0.01	21	0	57	0	6	42	32	6	32	4.5	7.5	4.1			83	160	0.094	0.081
LMFP13LUU	LMKP13LUU	4 13	0	23	-0.016	61	0	6	43	34	6	33	4.5	7.5	4.1	0.015	0.015	83	160	0.119	0.104
LMFP16LUU	LMKP16LUU	5 16	0	28	0	70	0	6	48	37	6	38	4.5	7.5	4.1			126	240	0.184	0.174
LMFP20LUU	LMKP20LUU	5 20	0	32	0	80	0	8	54	42	8	43	5.5	9	5.1	0.020	0.020	143	280	0.246	0.206
LMFP25LUU	LMKP25LUU	6 25	0	40	0	112	0	8	62	50	8	51	5.5	9	5.1			159	320	0.500	0.463
LMFP30LUU	LMKP30LUU	6 30	0	45	-0.019	123	0	10	74	58	10	60	6.6	11	6.1	0.025	0.025	254	560	0.600	0.550
LMFP35LUU	LMKP35LUU	6 35	0	52	0	135	0	10	82	64	10	67	6.6	11	6.1			270	640	0.975	0.871
LMFP40LUU	LMKP40LUU	6 40	-0.015	60	0	151 154	0	13	96	75	13	78	9	14	8.1	0.025	0.025	350	820	1.500	0.360
LMFP50LUU	LMKP50LUU	6 50	0	80	0	192	0	13	116	92	13	98	9	14	8.1			620	1622	3.440	3.200
LMFP60LUU	LMKP60LUU	6 60	0	90	0	209	0	18	134	106	18	112	11	17.5	11.1	770	2040	4.380	3.900		

型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS											法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)			
			内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE		连接孔 HOLE FOR ATTACHMENT					DYNAMIC C(kgf)	静 STATIC C(kgf)	F	K		
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ	d1							d2	h
LMFC6LUU	LMKC6LUU	4 6	0	12	0	35	0	5	28	22	5	20	3.5	6	3.1	0.015	0.015	33	54	0.028	0.020
LMFC8LUU	LMKC8LUU	4 8	0	15	-0.013	45	0	5	32	25	5	24	3.5	6	3.1			44	80	0.053	0.039
LMFC10LUU	LMKC10LUU	4 10	0	19	0	55	0	6	40	30	6	29	4.5	7.5	4.1	0.015	0.015	60	112	0.086	0.073
LMFC12LUU	LMKC12LUU	4 12	-0.01	21	0	57	0	6	42	32	6	32	4.5	7.5	4.1			83	160	0.095	0.080
LMFC13LUU	LMKC13LUU	4 13	0	23	-0.016	61	0	6	43	34	6	33	4.5	7.5	4.1	0.015	0.015	83	160	0.119	0.104
LMFC16LUU	LMKC16LUU	5 16	0	28	0	70	0	6	48	37	6	38	4.5	7.5	4.1			126	240	0.170	0.168
LMFC20LUU	LMKC20LUU	5 20	0	32	0	80	0	8	54	42	8	43	5.5	9	5.1	0.020	0.020	143	280	0.244	0.205
LMFC25LUU	LMKC25LUU	6 25	0	40	0	112	0	8	62	50	8	51	5.5	9	5.1			159	320	0.506	0.470
LMFC30LUU	LMKC30LUU	6 30	0	45	-0.019	123	0	10	74	58	10	60	6.6	11	6.1	0.025	0.025	254	560	0.670	0.560
LMFC35LUU	LMKC35LUU	6 35	0	52	0	135	0	10	82	64	10	67	6.6	11	6.1			270	640	0.933	0.800
LMFC40LUU	LMKC40LUU	6 40	-0.015	60	0	151 154	0	13	96	75	13	78	9	14	8.1	0.025	0.025	350	820	1.495	1.360
LMFC50LUU	LMKC50LUU	6 50	0	80	0	192	0	13	116	92	13	98	9	14	8.1			620	1622	3.440	3.200
LMFC60LUU	LMKC60LUU	6 60	0	90	0	209	0	18	134	106	18	112	11	17.5	11.1	0.030	0.030	770	2040	4.380	3.900

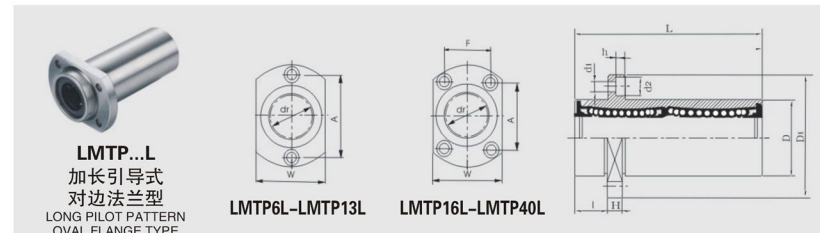
LMT...L加长对边法兰型直线轴承
LMT...L Long oval flange type

亚洲系列
Asia series



LMTP...L加长引导式对边法兰型直线轴承
LMTP...L Long pilot pattern oval flange type

亚洲系列
Asia series



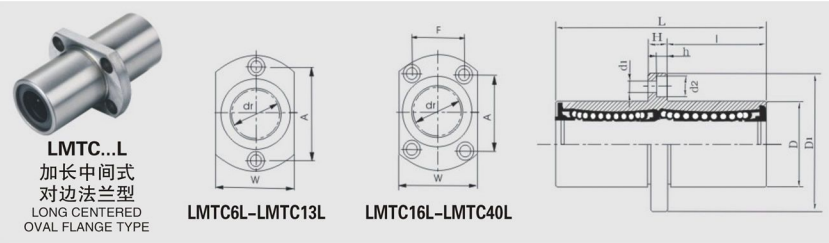
型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS												法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)		
		内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE				连接孔 HOLE FOR ATTACHMENT				动 DYNAMIC C ₀ (kgf)	静 STATIC C ₀ (kgf)			
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	W	H	A	F	d1						d2	h
LMT6LUU	4	6		12	0	35		28	18	5	20	3.5	6	3.1	0.015	0.015	33	54	0.025	
LMT8LUU	4	8		15	-0.013	45		32	21	5	24	3.5	6	3.1			44	80	0.041	
LMT10LUU	4	10	0	19		55		40	25	6	29	4.5	7.5	4.1			67	112	0.080	
LMT12LUU	4	12	-0.010	21	0	57	-0.30	42	27	6	32	4.5	7.5	4.1			83	160	0.087	
LMT13LUU	4	13		23	-0.016	61		43	29	6	33	4.5	7.5	4.1			83	160	0.107	
LMT16LUU	5	16		28		70		48	34	6	31	22	4.5	7.5	4.1			125	240	0.171
LMT20LUU	5	20		32		80		54	38	8	36	24	5.5	9	5.1			143	280	0.214
LMT25LUU	6	25	0	40	0	112		62	46	8	40	32	5.5	9	5.1	0.020	0.020	159	320	0.476
LMT30LUU	6	30	-0.012	45	-0.019	123	0	74	51	10	49	35	6.6	11	6.1			254	560	0.570
LMT35LUU	6	35	0	52	0	135	-0.40	82	60	10	55	38	6.6	11	6.1			270	640	0.874
LMT40LUU	6	40	-0.015	60	-0.022	151/154		96	70	13	64	45	9	14	8.1	0.025	0.025	350	820	1.820

型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS												法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)			
		内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE				连接孔 HOLE FOR ATTACHMENT				动 DYNAMIC C ₀ (kgf)	静 STATIC C ₀ (kgf)				
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	W	H	A	F	d1						d2	h	
LMTP6LUU	4	6		12	0	35		5	28	18	5	20	3.5	6	3.1	0.015	0.015	33	54	0.024	
LMTP8LUU	4	8		15	-0.013	45		5	32	21	5	24	3.5	6	3.1			44	80	0.041	
LMTP10LUU	4	10	0	19		55		6	40	25	6	29	4.5	7.5	4.1	0.015	0.015	60	112	0.077	
LMTP12LUU	4	12	-0.010	21	0	57		6	42	27	6	32	4.5	7.5	4.1			67	122	0.084	
LMTP13LUU	4	13		23	-0.016	61		6	43	29	6	33	4.5	7.5	4.1			83	160	0.144	
LMTP16LUU	5	16		28		70		6	48	34	6	31	22	4.5	7.5	4.1			125	240	0.171
LMTP20LUU	5	20		32		80		8	54	38	8	36	24	5.5	9	5.1			143	280	0.211
LMTP25LUU	6	25	0	40	0	112		8	62	46	8	40	32	5.5	9	5.1	0.020	0.020	159	320	0.390
LMTP30LUU	6	30	-0.012	45	-0.019	123	0	10	74	51	10	49	35	6.6	11	6.1			254	560	0.560
LMTP35LUU	6	35	0	52	0	135	-0.40	10	82	60	10	55	38	6.6	11	6.1			270	640	0.870
LMTP40LUU	6	40	-0.015	60	-0.022	151/154		13	96	70	13	64	45	9	14	8.1	0.025	0.025	350	820	1.380



LMTC...L加长中间式对边法兰型直线轴承
LMTC...L Long centered oval flange type

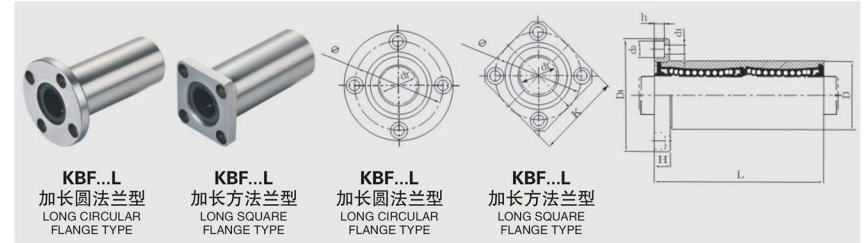
亚洲系列
Asia series



KBF...L加长圆法兰型直线轴承
KBF...L Long circular flange type

KBK...L加方法兰型直线轴承
KBK...L Long square flange type

欧洲系列
Europe series



型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BALIC LOAD RATING		重量 WEIGHT (Kg)					
		内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE						连接孔 HOLE FOR ATTACHMENT			动 DYNAMIC C(kgf)	静 STATIC Co(kgf)			
		dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	W	H	A			F	d1				d2	h	
LMTC6LUU	4	6		12	0 -0.013	35		15	28	18	5	20	3.5	6	3.1	0.015	0.015	33	54	0.040	
LMTC8LUU	4	8		15	0 -0.013	45		20	32	21	5	24	3.5	6	3.1	0.015	0.015	44	80	0.062	
LMTC10LUU	4	10	0 -0.010	19		55		24.5	40	25	6	29	4.5	7.5	4.1	0.015	0.015	60	112	0.114	
LMTC12LUU	4	12		21	0 -0.016	57	0 -0.30	25.5	42	27	6	32	4.5	7.5	4.1	0.015	0.015	67	122	0.124	
LMTC13LUU	4	13		23		61		27.5	43	29	6	33	4.5	7.5	4.1	0.015	0.015	83	160	0.144	
LMTC16LUU	5	16		28		70		32	48	34	6	31	22	4.5	7.5	4.1	0.015	0.015	125	240	0.170
LMTC20LUU	5	20		32		80		36	54	38	8	36	24	5.5	9	5.1	0.020	0.020	143	280	0.210
LMTC25LUU	6	25	0 -0.012	40	0 -0.019	112		52	62	46	8	40	32	5.5	9	5.1	0.020	0.020	159	320	0.480
LMTC30LUU	6	30		45		123		56.5	74	51	10	49	35	6.6	11	6.1	0.025	0.025	254	560	0.576
LMTC35LUU	6	35		52	0 -0.022	135	0 -0.40	62.5	82	60	10	55	38	6.6	11	6.1	0.025	0.025	270	640	0.940
LMTC40LUU	6	40	0 -0.015	60		151 (154)		69 (70.5)	96	70	13	64	45	9	14	8.1	0.025	0.025	350	820	1.470

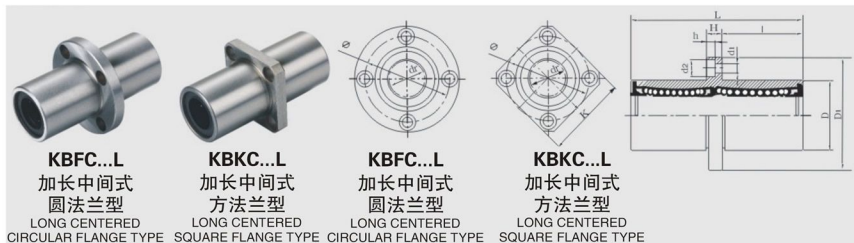
型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS										法兰 垂直度 SQUAR- ENESS	径向 跳动 ECCEN- TRICITY (MAX.)	基本 额定载荷 BALIC LOAD RATING		重量 WEIGHT (Kg)					
			内径 INScribed CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE						连接孔 HOLE FOR ATTACHMENT			动 DYNAMIC C(kgf)	静 STATIC Co(kgf)			
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	D1	K	H	φ			d1	d2				h		
KBF8LUU	KBK8LUU	4	8	16	0 -0.009	46		16	30	25	5	24	3.5	6	3.1	0.015	0.015	43	82	0.052	0.049	
KBF10LUU	KBK10LUU	4	10	19	+0.009 -0.001	55		20	36	6	29	4.5	7.5	4.1	0.015	0.015	60	112				
KBF12LUU	KBK12LUU	4	12	22	0 -0.011	61	0 -0.30	24.5	42	32	6	32	4.5	7.5	4.1	0.015	0.015	83	160	0.177	0.098	
KBF16LUU	KBK16LUU	5	16	26	+0.011 -0.001	68		27.5	43	29	6	33	4.5	7.5	4.1	0.015	0.015	94	182	0.141	0.122	
KBF20LUU	KBK20LUU	5	20	32		80		32	48	34	6	31	22	4.5	7.5	4.1	0.015	0.015	140	280	0.248	0.215
KBF25LUU	KBK25LUU	6	25	40	0 -0.013	112		36	54	38	8	36	24	5.5	9	5.1	0.017	0.017	160	320	0.510	0.500
KBF30LUU	KBK30LUU	6	30	47		123		40	60	46	10	51	35	6.6	11	6.1	0.017	0.017	225	560	0.782	0.710
KBF40LUU	KBK40LUU	6	40	62	0 -0.015	151	0 -0.40	52	74	51	10	49	35	6.6	11	6.1	0.02	0.02	350	820	1.700	1.540
KBF50LUU	KBK50LUU	6	50	75	+0.016 -0.004	192		56.5	82	60	10	55	38	6.6	11	6.1	0.02	0.02	620	1622	3.479	2.890
KBF60LUU	KBK60LUU	6	60	90	0 -0.020	209		62.5	96	70	13	64	45	9	14	8.1	0.025	0.025	770	2040	4.330	3.920



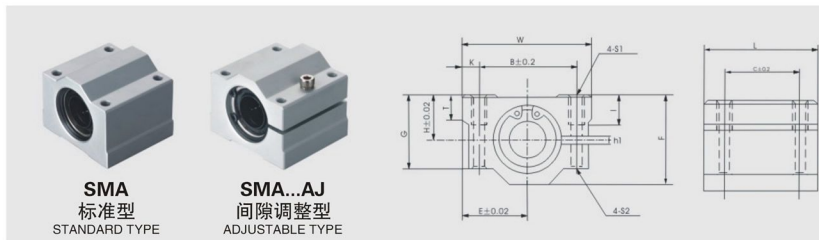
KBFC...L加长中间式圆法兰型直线轴承
KBFC...L Long centered circular flange type

KBKC...L加长中间式方法兰型直线轴承
KBKC...L Long centered square flange type

欧洲系列
Europe series



LM系列轴承座
LM Series case unit



型号 MODEL NO.	型号 MODEL NO.	球列数 NUMBER OF BALL ROWS	主要尺寸 MAIN DIMENSIONS												法兰垂直度 SQUAR-ENESS	径向跳动 ECCEN-TRICITY (MAX.)	基本额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)		
			内径 INSIDED CIRCLE DIAMETER		外径 OUTER DIAMETER		长度 LENGTH		法兰 FLANGE			连接孔 HOLE FOR ATTACHMENT					动	静	F	K	
			dr	公差 TOLERANCE	D	公差 TOLERANCE	L	公差 TOLERANCE	I	D1	K	H	φ	d1							d2
KBFC8LUU	KBKC8LUU	4	8	+0.009 -0.001	16 0 -0.009	46	±0.30	20.5	32	25	5	24	3.5	6	3.1	0.015	0.015	43	82	0.052	0.049
KBFC12LUU	KBKC12LUU	4	12	+0.011 -0.001	26 0 -0.011	61	±0.30	27.5	42	32	6	32	4.5	7.5	4.1	0.015	0.015	83	160	0.117	0.099
KBFC16LUU	KBKC16LUU	5	16	+0.011 -0.001	32 0 -0.011	68	±0.30	31	46	35	6	36	4.5	7.5	4.1	0.017	0.017	94	182	0.146	0.121
KBFC20LUU	KBKC20LUU	5	20	+0.013 -0.002	40 0 -0.013	80	±0.30	36	54	42	8	43	5.5	9	5.1	0.017	0.017	140	280	0.248	0.207
KBFC25LUU	KBKC25LUU	6	25	+0.016 -0.004	50 0 -0.016	112	±0.40	52	62	50	8	51	5.5	9	5.1	0.017	0.017	160	320	0.570	0.469
KBFC30LUU	KBKC30LUU	6	30	+0.016 -0.004	60 0 -0.016	123	±0.40	56.5	76	60	10	62	6.6	11	6.1	0.02	0.02	225	560	0.782	0.750
KBFA40LUU	KBKC40LUU	6	40	+0.016 -0.004	70 0 -0.016	151	±0.40	69	98	75	13	80	9	14	8.1	0.02	0.02	350	820	1.700	1.515
KBFC50LUU	KBKC50LUU	6	50	+0.016 -0.004	80 0 -0.016	192	±0.40	89.5	112	88	13	94	9	14	8.1	0.025	0.025	620	1622	3.479	2.490
KBFC60LUU	KBKC60LUU	6	60	+0.016 -0.004	90 0 -0.020	209	±0.40	95.5	134	106	18	112	11	17	10.8	0.025	0.025	770	2040	4.336	3.920

型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS							安装尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)	
		H	E	W	L	F	G	T	B	C	K	S1	S2	I		
SMA8UU	SMA8AJUU	8	11	17	34	30	22	18	6	24	18	5	M4	3.4	8	0.052
SMA10UU	SMA10AJUU	10	13	20	40	35	26	21	8	28	21	6	M5	4.3	12	0.092
SMA12UU	SMA12AJUU	12	15	21	42	36	28	24	8	30.5	26	5.75	M5	4.3	12	0.102
SMA13UU	SMA13AJUU	13	15	22	44	39	30	24.5	8	33	26	5.5	M5	4.3	12	0.120
SMA16UU	SMA16AJUU	16	19	25	50	44	38.5	32.5	9	36	34	7	M5	4.3	12	0.200
SMA20UU	SMA20AJUU	20	21	27	54	50	41	35	11	40	40	7	M6	5.2	12	0.255
SMA25UU	SMA25AJUU	25	26	38	76	67	51.5	42	12	54	50	11	M8	7	18	0.600
SMA30UU	SMA30AJUU	30	30	39	78	72	59.5	49	15	58	58	10	M8	7	18	0.735
SMA35UU	SMA35AJUU	35	34	45	90	80	68	54	18	70	60	10	M8	7	18	1.100
SMA40UU	SMA40AJUU	40	40	51	102	90	78	62	20	80	60	11	M10	8.7	25	1.590
SMA50UU	SMA50AJUU	50	52	61	122	110	102	80	25	100	80	11	M10	8.7	25	3.340
SMA60UU	SMA60AJUU	60	58	66	132	122	114	94	30	108	90	12	M12	10.7	25	4.720

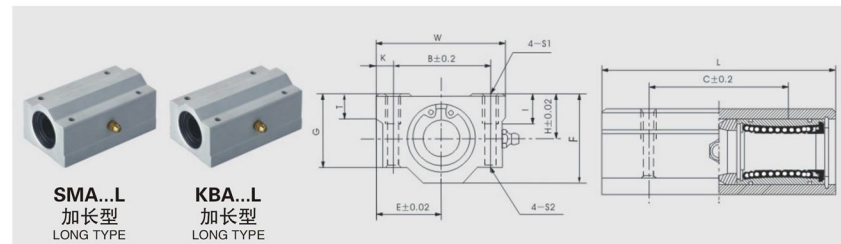
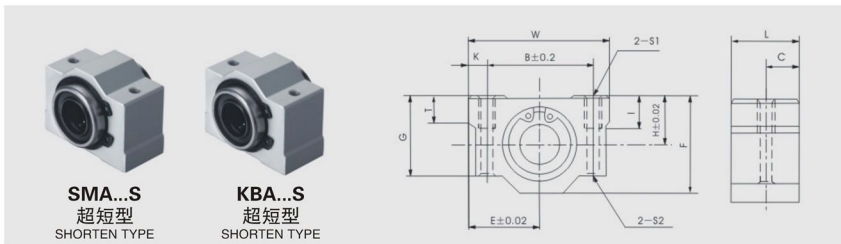
注：SMA配LM系列轴承。
SMA...AJ配LM...AJ系列轴承。

Annotate: SMA use the LM series bearing
SMA...AJ use the LM...AJ series bearing



LM/KB系列轴承座
LM/KB Series case unit

LM/KB系列轴承座
LM/KB Series case unit



型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS										安装尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)	
		H	E	W	L		F	G	T	B	C		K	S1	S2	I	SMAS	KBAS	
					SMAS	KBAS					SMAS	KBAS							
SMA8SUU	KBA8SUU	8	11	17	34	15.5	14.5	22	18	6	24	7.75	7.25	5	M4	3.4	8	0.027	0.025
SMA10SUU	KBA10SUU	10	13	20	40	20	20	26	21	8	28	10	10	6	M5	4.3	12	0.053	0.053
SMA12SUU		12	15	21	42	21		28	24	8	30.5	10.5		5.75	M5	4.3	12	0.060	
SMA13SUU	KBA13SUU	13	15	22	44	20.6	20.9	30	24.5	8	33	10.3	10.45	5.5	M5	4.3	12	0.064	0.065
SMA16SUU	KBA16SUU	16	19	25	50	24.1	22.5	38.5	32.5	9	36	12.05	11.25	7	M5	4.3	12	0.110	0.100
SMA20SUU	KBA20SUU	20	21	27	54	28.1	29.1	41	35	11	40	14.05	14.55	7	M6	5.2	12	0.144	0.148
SMA25SUU	KBA25SUU	25	26	38	76	38	41.1	51.5	42	12	54	19	20.55	11	M8	7	18	0.340	0.368
SMA30SUU	KBA30SUU	30	30	39	78	41.5	49.1	59.5	49	15	58	20.75	24.55	10	M8	7	18	0.424	0.500
SMA35SUU		35	34	45	90	45.5		68	54	18	70	22.75		10	M8	7	18	0.626	
SMA40SUU	KBA40SUU	40	40	51	102	56.5	56.6	78	62	20	80	28.25	28.3	11	M10	8.7	25	1.000	1.000
SMA50SUU	KBA50SUU	50	52	61	122	69	72.6	102	80	25	100	34.5	36.3	11	M10	8.7	25	2.100	2.205

型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS										安装尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)	
		H	E	W	L		F	G	T	B	C		K	S1	S2	I	SMAL	KBAL	
					SMAL	KBAL					SMAL	KBAL							
SMA8LUU	KBA8LUU	8	11	17	34	58	58	22	18	6	24	42	42	5	M4	3.4	8	0.100	0.100
SMA10LUU	KBA10LUU	10	13	20	40	68	68	26	21	8	28	46	46	6	M5	4.3	12	0.180	0.180
SMA12LUU		12	15	21	42	70		28	24	8	30.5	50		5.75	M5	4.3	12	0.200	
SMA13LUU	KBA13LUU	13(12)	15	22	44	75	77	30	24.5	8	33	50	64	5.5	M5	4.3	12	0.230	0.237
SMA16LUU	KBA16LUU	16	19	25	50	85	89	38.5	32.5	9	36	60	79	7	M5	4.3	12	0.390	0.405
SMA20LUU	KBA20LUU	20	21	27	54	96	100	41	35	11	40	70	90	7	M6	5.2	12	0.490	0.510
SMA25LUU	KBA25LUU	25	26	38	76	130	136	51.5	42	12	54	100	119	11	M8	7	18	1.165	1.220
SMA30LUU	KBA30LUU	30	30	39	78	140	154	59.5	49	15	58	110	132	10	M8	7	18	1.430	1.580
SMA35LUU		35	34	45	90	155		68	54	18	70	120		10	M8	7	18	2.130	
SMA40LUU	KBA40LUU	40	40	51	102	175	180	78	62	20	80	140	150	11	M10	8.7	25	3.090	3.180
SMA50LUU	KBA50LUU	50	52	61	122	215	230	102	80	25	100	160	200	11	M10	8.7	25	6.530	6.990

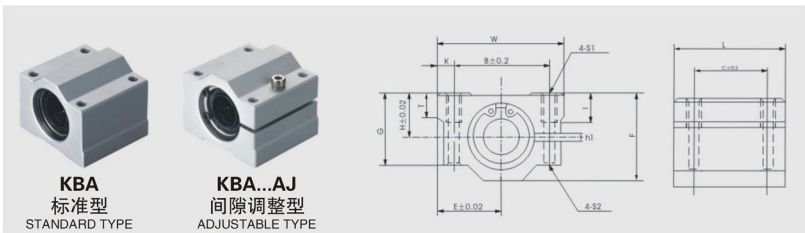
注：SMA...S配LM系列轴承。
KBA...S配KB系列轴承。

Annotate:SMA...Suse the LM series bearing
KBA...S use the KB series bearing

注：SMA...L配二套LM系列轴承。
KBA...L配二套KB系列轴承。

Annotate:SMA...L use the LM series bearing
KBA...L use the KB series bearing

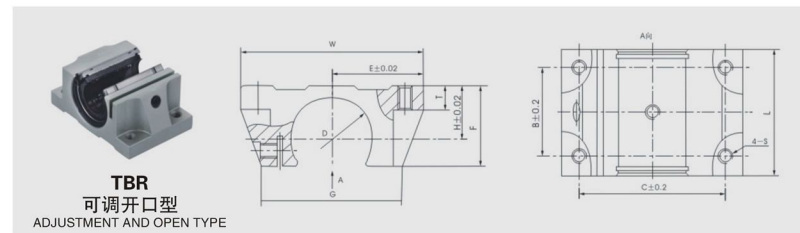
KB系列轴承座
KB Series case unit



KBA
标准型
STANDARD TYPE

KBA...AJ
间隙调整型
ADJUSTABLE TYPE

LM系列可调型开口轴承座 (也可配KB系列)
LM Series (or KB series)adjustment and open case unit



TBR
可调开口型
ADJUSTMENT AND OPEN TYPE

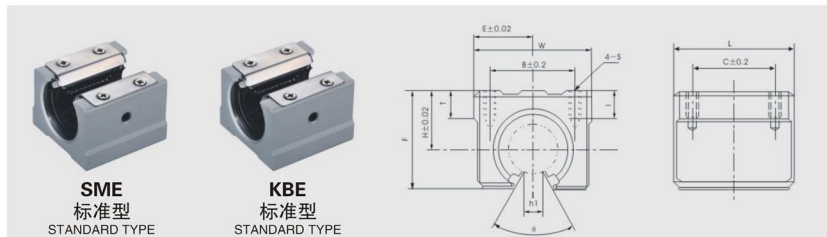
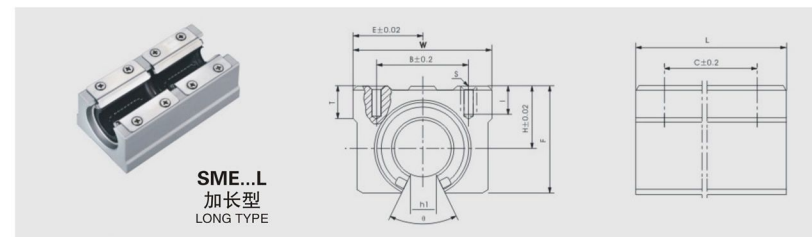
型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS								安装尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)	
		H	E	W	L	F	G	h1	T	B	C	K	S1	S2	I		
KBA8UU	KBA8AJUU	8	11	17	34	30	22	18	1.5	6	24	18	5	M4	3.4	8	0.052
KBA10UU	KBA10AJUU	10	13	20	40	35	26	21	1.5	8	28	21	6	M5	4.3	12	0.092
KBA12UU	KBA12AJUU	12	15	22	44	39	30	24.5	1.5	8	33	26	5.5	M5	4.3	12	0.120
KBA16UU	KBA16AJUU	16	19	25	50	44	38.5	32.5	2	9	36	34	7	M5	4.3	12	0.200
KBA20UU	KBA20AJUU	20	21	27	54	53	41	35	2	11	40	40	7	M6	5.2	12	0.270
KBA25UU	KBA25AJUU	25	26	38	76	67	51.5	42	2	12	54	50	11	M8	7	18	0.600
KBA30UU	KBA30AJUU	30	30	39	78	76	59.5	49	2	15	58	58	10	M8	7	18	0.776
KBA40UU	KBA40AJUU	40	40	51	102	90	78	62	2	20	80	60	11	M10	8.7	25	1.590
KBA50UU	KBA50AJUU	50	52	61	122	110	102	80	2	25	100	80	11	M10	8.7	25	3.340
KBA60UU	KBA60AJUU	60	58	66	132	137	114	94	2	30	108	90	12	M12	10.7	25	4.800

注: KBA配KB系列轴承
KBA...AJ配KB AJ系列轴承

Annotate:KBA use the KB series bearing
KBA...AJ use the KB...AJ series bearing

型号 MODEL NO.	D	H	E	T	F	G	W	B	C	L	S	重量 WEIGHT (Kg)
TBR16UU	28	17.86	31	8	27	48	62	30	50	42	M5	0.18
TBR20UU	32	20.99	34	10	31.4	52.4	68	37	54	51	M6	0.30
TBR25UU	40	28.0	41	12	41	61	82	50	65	65	M8	0.60
TBR30UU	45	33.48	45.5	12	48	65	91	60	75	75	M8	0.90

注: TBR配LM系列轴承。
Annotate:TBR use the LM series bearing

LM/KB系列开口轴承座
LM/KB Series open case unit

LM系列加长型开口轴承座
LM Series long type open case unit


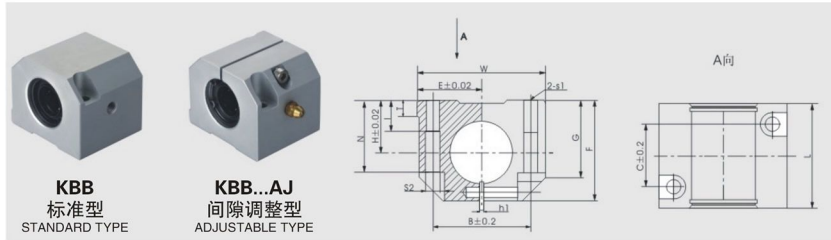
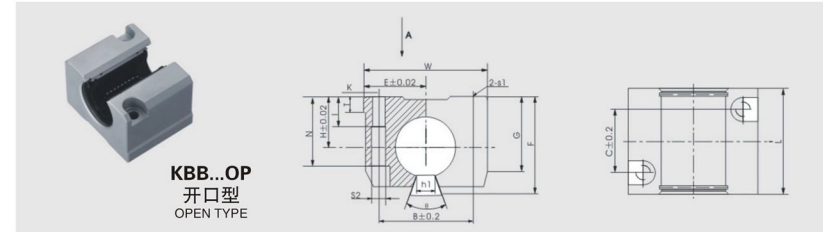
型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS								安装尺寸 MOUNTING DIMENSIONS				基本额定载荷 BASIC LOAD RATING		重量 WEIGHT (Kg)		
		H	E	W	L	F	T	h1	θ	SME	KBE	B	C	S	I		动 DYNAMIC C(kgf)	静 STATIC Co(kgf)
SME10UU	KBE10UU	10	15	18	36	32	24	7	6	80°	80°	25	20	M5	10	38	56	0.065
SME12UU	KBE12UU	12	17	20	40	39	27.6	8	8.5	80°	80°	28	26	M5	10	42(52)	61(79)	0.100
SME13UU		13	17	20	40	39	27.6	8	8.5	80°		28	26	M5	10	52	80	0.100
SME16UU	KBE16UU	16	20	22.5	45	45	33	9	10	80°	80°	32	30	M5	12	59	91	0.150
SME20UU	KBE20UU	20	23	24	48	50	39	11	10	60°	60°	35	35	M6	12	88	140	0.200
SME25UU	KBE25UU	25	27	30	60	65	47	14	11.5	50°	60°	40	40	M6	12	100	160	0.450
SME30UU	KBE30UU	30	33	35	70	70	56	15	14	50°	60°	50	50	M8	18	160	280	0.630
SME35UU		35	37	40	80	80	63	18	16	50°		55	55	M8	18	170	320	0.920
SME40UU	KBE40UU	40	42	45	90	90	72	20	19	50°	60°	65	65	M10	20	220	410	1.330
SME50UU	KBE50UU	50	53	60	120	110	92	25	23	50°	60°	94	80	M10	20	390	810	3.000

注：SME配LM...OP系列轴承。
KBE配KB...OP系列轴承。

Annotate:SME use the LM...OP series bearing
KBE...AJ use the KB...OP series bearing

型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS								安装尺寸 MOUNTING DIMENSIONS				重量 WEIGHT (Kg)
		H	E	W	L	F	T	h1	θ	B	C	S	I	
SME16LUU	16	20	22.5	45	85	33	9	10	80°	32	60	M5	12	0.29
SME20LUU	20	23	24	48	96	39	11	10	60°	35	70	M6	12	0.51
SME25LUU	25	27	30	60	130	47	14	11.5	50°	40	100	M6	12	0.98
SME30LUU	30	33	35	70	140	56	15	14	50°	50	110	M8	18	1.45
SME35LUU	35	37	40	80	155	63	18	16	50°	55	120	M8	18	1.80
SME40LUU	40	42	45	90	175	72	20	19	50°	65	140	M10	20	2.48

注：SME...L配二套LM...Op系列轴承。
Annotate: SME...L use two pieces of LM...OP series bearing

KB系列轴承座
KB Series case unit

KB系列开口轴承座
KB Series open case unit


型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS										主要尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)
		H	E	W	L	F	G	T	N	h1	B	C	S1	S2	I	K		
KBB16UU	KBB16AJUU	16	22	26.5	53	43	42	32	7	30	1.5	40	26	M6	5.3	13	6.5	0.19
KBB20UU	KBB20AJUU	20	25	30	60	54	50	39	7.5	34	2	45	32	M8	6.6	18	7.5	0.31
KBB25UU	KBB25AJUU	25	30	39	78	67	60	48	8.5	40	2	60	40	M10	8.4	22	9	0.86
KBB30UU	KBB30AJUU	30	35	43.5	87	79	70	57	9.5	48	2	68	45	M10	8.4	22	9.5	0.91

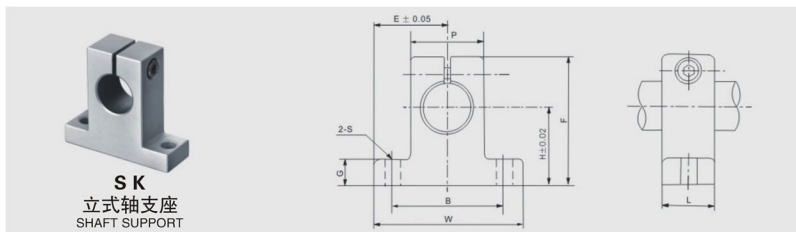
注：KBB配KB系列轴承。
KBB...AJ配KB...AJ系列轴承。

Annotate:KBB use the KB series bearing
KBB...AJ use the KB...AJ series bearing

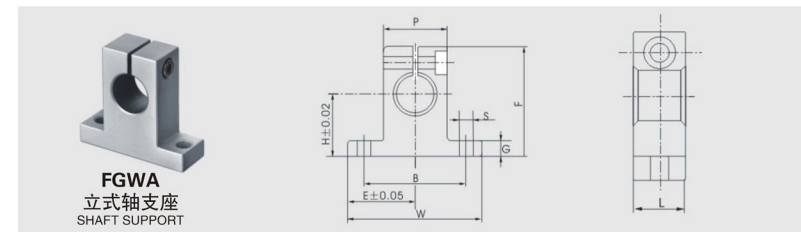
型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS										主要尺寸 MOUNTING DIMENSIONS						重量 WEIGHT (Kg)
		H	E	W	L	F	G	T	h1	N	θ	B	C	S1	S2	I	K	
KBB16OPUU	16	22	26.5	53	43	35	32	7	17.7	27	78°	40	26	M6	5.3	13	6.5	0.18
KBB20OPUU	20	25	30	60	54	42	39	7.5	17.7	32	60°	45	32	M8	6.6	18	7.5	0.30
KBB25OPUU	25	30	39	78	67	51	48	8.5	21.7	39	60°	60	40	M10	8.4	22	9	0.84
KBB30OPUU	30	35	43.5	87	79	60	57	9.5	21.5	48	50°	68	45	M10	8.4	22	9.5	0.89

注：KBB...OP配KB...OP系列轴承。

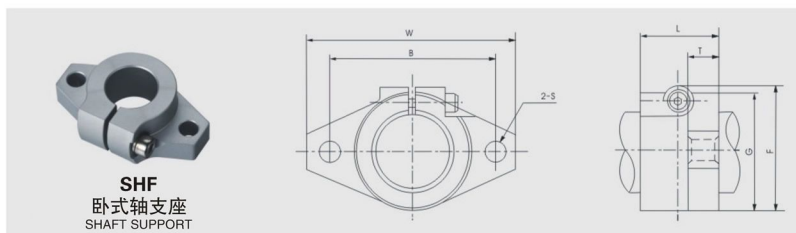
Annotate:KBB...OP use the KB...OP series bearing

SK立式轴支座
SK Shaft support


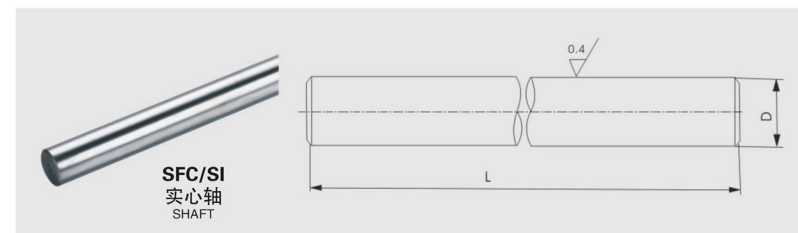
型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS									锁紧螺栓 DESIGNATION OF CLAMPING BOLT	安装螺栓 DESIGNATION OF MOUNTING BOLT	重量 WEIGHT (Kg)
		H	E	W	L	F	G	P	B	S			
SK3	3	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK4	4	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK5	5	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK6	6	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK8	8	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK10	10	20	21	42	14	32.8	6	18	32	5.5	M4	M5	0.024
SK12	12	23	21	42	14	37.5	6	20	32	5.5	M4	M5	0.030
SK13	13	23	21	42	14	37.5	6	20	32	5.5	M4	M5	0.030
SK16	16	27	24	48	16	44	8	25	38	5.5	M4	M5	0.040
SK20	20	31	30	60	20	51	10	30	45	6.5	M5	M6	0.070
SK25	25	35	35	70	24	60	12	38	56	6.6	M6	M6	0.130
SK30	30	42	42	84	28	70	12	44	64	9	M6	M8	0.180
SK35	35	50	49	98	32	82	15	50	74	11	M8	M10	0.270
SK40	40	60	57	114	36	96	15	60	90	11	M8	M10	0.420
SK50	50	70	63	126	40	120	18	74	100	14	M12	M12	0.750

FGWA立式轴支座
FGWA Shaft support


型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS								
		H	E	W	L	F	G	P	B	S
FGWA12	12	20	21	42	12	35	5.5	20	32	5.5
FGWA16	16	25	25	50	16	42	6.5	26	40	5.5
FGWA20	20	30	30	60	20	50	8	32	45	5.5
FGWA25	25	35	37	74	25	58	9	38	60	6.6
FGWA30	30	40	42	84	28	68	10	45	68	9
FGWA40	40	50	54	108	32	86	12	56	86	11
FGWA50	50	60	65	130	40	100	14	80	108	11

SHF卧式轴支座
SHF Shaft support

SHF
 卧式轴支座
 SHAFT SUPPORT

型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS							锁紧螺栓 DESIGNATION OF CLAMPING BOLT	安装螺栓 DESIGNATION OF MOUNTING BOLT	重量 WEIGHT (Kg)
		W	L	T	F	G	B	S			
SHF3	3	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF4	4	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF5	5	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF6	6	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF8	8	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF10	10	43	10	5	24	20	32	5.5	M4	M5	0.013
SHF12	12	47	13	7	28	25	36	5.5	M4	M5	0.020
SHF13	13	47	13	7	28	25	36	5.5	M4	M5	0.020
SHF16	16	50	16	8	31	28	40	5.5	M4	M5	0.027
SHF20	20	60	20	8	37	34	48	7	M5	M6	0.040
SHF25	25	70	25	10	42	40	56	7	M5	M6	0.060
SHF30	30	80	30	12	50	46	64	9	M6	M8	0.110
SHF35	35	92	35	14	58	50	72	12	M8	M10	0.380
SHF40	40	102	40	16	67	56	80	12	M10	M10	0.510
SHF50	50	122	50	19	83	70	96	14	M12	M12	0.890

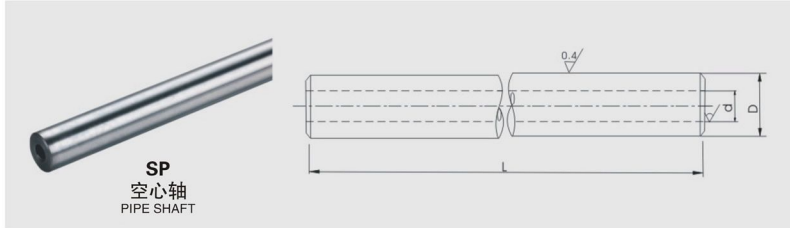
SFC/SI实心轴
SFC/SI Shaft

SFC/SI
 实心轴
 SHAFT

型号 MODEL NO.	外径 OUTER DIAMETER D	精度 DIMETER TOLERANCE		淬硬层深度 DEPTH OF EFFECTIVE HARDEND LAYER	每米长 重量 (Kg/m)
		g6	h6		
SFC6	6	-0.004 -0.012	0 -0.008	0.4-1.0	0.22
SFC8	8	-0.005 -0.014	0 -0.009		0.40
SFC10	10	-0.005 -0.014	0 -0.009	0.6-1.5	0.62
SFC12	12	-0.006 -0.017	0 -0.011		0.89
SFC13	13	-0.006 -0.017	0 -0.011	0.8-2.0	1.04
SFC16	16	-0.007 -0.020	0 -0.013		1.58
SFC20	20	-0.007 -0.020	0 -0.013	0.8-2.0	2.47
SFC25	25	-0.007 -0.020	0 -0.013		3.85
SFC30	30	-0.009 -0.025	0 -0.016	0.8-3.0	5.55
SFC35	35	-0.009 -0.025	0 -0.016		7.55
SFC40	40	-0.009 -0.025	0 -0.016		9.87
SFC50	50	-0.009 -0.025	0 -0.016	15.4	

型号 MODEL NO.	外径 OUTER DIAMETER D	精度 DIMETER TOLERANCE		淬硬层深度 DEPTH OF EFFECTIVE HARDEND LAYER	每米长 重量 (Kg/m)	
		g6	h6			
SI-04	6.35	-0.004 -0.012	0 -0.008	0.4-1.0	0.25	
SI-06	9.525	-0.005 -0.014	0 -0.009		0.6-1.5	0.56
SI-08	12.7	-0.006 -0.017	0 -0.011	0.8-2.0		1.0
SI-10	15.875	-0.006 -0.017	0 -0.011		0.8-2.0	1.55
SI-12	19.05	-0.007 -0.020	0 -0.013	0.8-2.0		2.24
SI-16	25.4	-0.007 -0.020	0 -0.013		0.8-3.0	4.0
SI-20	31.75	-0.009 -0.025	0 -0.016	0.8-3.0		6.21
SI-24	38.1	-0.009 -0.025	0 -0.016		0.8-3.0	8.95
SI-32	50.8	-0.009 -0.025	0 -0.016			15.9

Material :We can supply three material Gcr15 ,Ck45
 Hardness :HRC58-64
 Case Hardness depth :0.8-2.5mm
 Surface finishing :0.8S-1.6S
 Straightness 50um/300mm

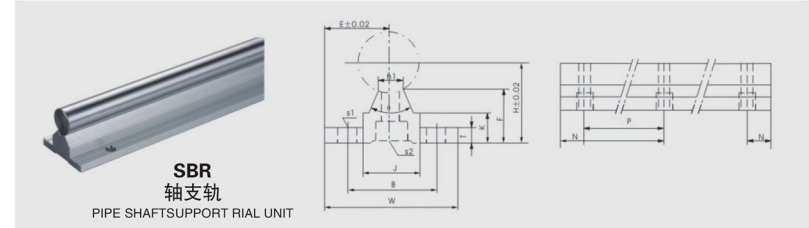
SP空心轴 SP Pipe shaft



型号 MODEL NO.	内径 INSCRIBED CIRCLE DIAMETER	外径 OUTER DIAMETER	精度 DIMETER TOLERANCE		淬硬层深度 DEPTH OF EFFECTIVE HARDEND LAYER	每米长重量 WEIGHT(Kg/m)
			g6	h6		
SP13	6	13	-0.006 -0.017	0	0.6-1.5	0.82
SP16	8	16		-0.011		
SP20	10(14)	20	-0.007 -0.020	0	0.8-2.0	1.85
SP25	15	25		-0.013		2.46
SP30	16	30	-0.009 -0.025	0 -0.016	0.8-3.0	3.97
SP35	19	35				5.32
SP40	20	40				7.39
SP50	26	50				11.3

Material :We can supply three material Gcr15 ,Ck45
 Hardness :HRC58-64
 Case Hardness depth :0.8-2.5mm
 Surface finishing :0.8S-1.6S
 Staightness 50um/300mm

SBR轴支轨 SBR Support rail unit



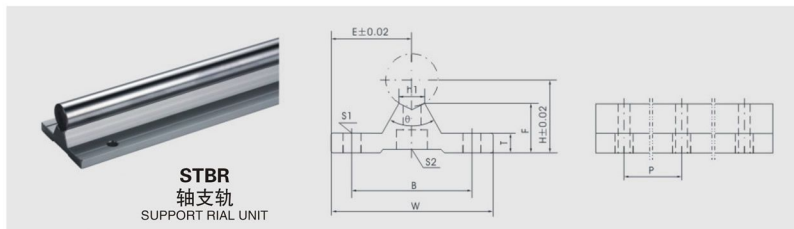
型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS									安装尺寸 MOUNTING DIMENSIONS					重量 WEIGHT (Kg)
		H	E	W	F	T	K	J	h1	θ	B	N	P	S1	S2	
SBR10	10	18	16	32	13.5	4	8.9	12.4	4.7	80°	22	50	100	4.5	M4	1.2
SBR12	12	2.046	17	34	15	4.5	9.8	15	6	80°	25	50	100	4.5	M4	1.8
SBR13	13	21	17	34	15	4.5	9.8	15	6	80°	25	50	100	4.5	M4	2.1
SBR16	16	25	20	40	17.8	5	11.7	18.5	8	80°	30	50	150	5.5	M5	2.4
SBR20	20	27	22.5	45	17.7	5	10	19	8	50°	30	50	150	5.5	M6	3.3
SBR25	25	33	27.5	55	21	6	12	21.5	8	50°	35	100	200	6.5	M6	5.31
SBR30	30	37	30	60	22.8	7	13	26.5	10.3	50°	40		200	6.5	M8	7.83
SBR35	35	43	32.5	65	26.5	8	15.5	28	13	50°	45		200	9	M8	9.88
SBR40	40	48	37.5	75	29.4	9	17	38	15.5	50°	55		300	9	M8	13.15
SBR50	50	62	47.5	95	38.8	11	21	45	20	50°	70		300	11	M10	20.4

注：1、轴支轨长度任意。
 2、安装孔中心距可以按25mm为单位订制。

Annotate: 1. length can random
 2. Mounting hole center distance can make by buyer in denomination of 25mm

STBR轴支轨

STBR Support rail unit

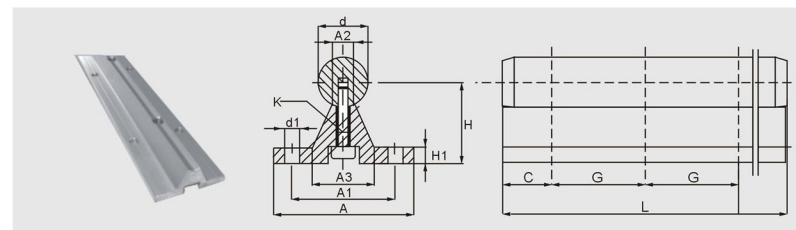


型号 MODEL NO.	轴径 SHAFT DIAMETER	主要尺寸 MAIN DIMENSIONS							安装尺寸 MOUNTING DIMENSIONS				重量 WEIGHT (Kg)
		H	E	W	F	T	h1	θ	B	P	S1	S2	
STBR16	16	22.14	25	50	15	6	8	60°	37	150	5.5	M5	2.5
STBR20	20	29.01	27.5	55	19.7	8	8	60°	40	150	5.5	M6	3.5
STBR25	25	32	32.5	65	20	10	8	60°	45	200	6.5	M6	5.5
STBR30	30	36.52	37.5	75	22.3	12	10.3	50°	55	200	6.5	M8	8
SBR16B	16	25	20	40	17.4	5	7.4	50°	30	150	5.5	M5	2.4
SBR20B	20	27	22.5	45	17.4	5	8	50°	30	150	5.5	M6	3.3
SBR25B	25	33	27.5	55	21	6	10	50°	35	200	6.5	M6	5.31
SBR30B	30	37	30	60	22.5	7	8	60°	40	200	6.5	M8	7.83

- 注：1、轴支轨长度任意。
2、安装孔中心距可以按25mm为单位订制。

Annotate: 1. length can candom
2. Mounting hole center distance can make by buyer in denomination of 25mm

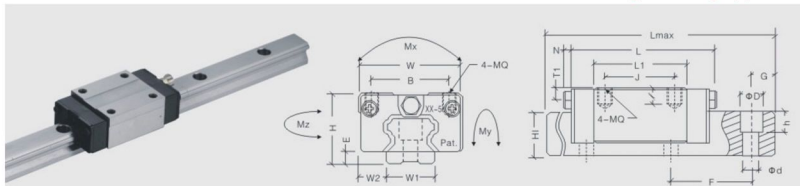
Type FTSN-G轴支轨



型号 MODEL NO.	d	A	H	A1	A2	A3	H1	d1	K	C ⁽²⁾	G	重量 WEIGHT (Kg)
FTSN12G	12	40	22	29	5.4	15	5	4.5	M4x20	37.5	7.5	1.600
FTSN16G	16	45	26	33	7.0	19	5	5.5	M5x20	50	100	2.500
FTSN20G	20	52	32	37	8.1	23	6	6.6	M6x25	50	100	3.800
FTSN25G	25	57	36	42	10.3	26	6	6.6	M8x30	60	120	5.900
FTSN30G	30	69	42	51	11.0	29	7	9.0	M10x30	75	150	7.500
FTSN40G	40	73	50	55	15.0	36	8	9.0	M10x40	100	200	12.400
FTSN50G	50	84	60	63	19.0	40	9	11.0	M12x45	100	200	18.900



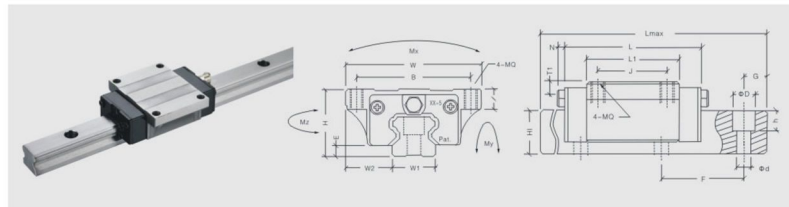
高组装、无法兰型&重负荷加长型
International standard.with flange & long type



型号 MODEL NO.	组合尺寸(mm)				滑座尺寸(mm)						滑轨尺寸(mm)					
	H	W	W2	E	L	BXJ	MQXI	L1	油孔	T1	N	W1	H1	F	dxDxh	
BRH15B	28	34	9.5	4.6	66	26x26	M4x6.4	40	Φ3	8.3	5	15	14	60	4.5x7.5x5.3	
BRH20B	30	44	12	5	77.8	32x36	M5x8	48.8	M6x1	7	6.5	20	18	60	6x9.5x8.5	
BRH20BL					92.4	32x50		63.4								
BRH25B	40	48	12.5	7	88	35x35	M6x9.6	57	M6x1	11.8	6.5	23	22	60	7x11x9	
BRH25BL					110.1	35x50		79.1								
BRH30B	45	60	16	9	100	40x40	M8x12.8	72	M6x1	10	6.5	28	26	80	9x14x12	
BRH30BL					131.3	40x60		94.3								
BRH35B	55	70	18	9.5	109	50x50	M8x12.8	80	M6x1	15	6.5	34	29	80	9x14x12	
BRH35BL					144.8	50x72		105.8								
BRH45B	70	86	20.5	14	148.2	60x60	M10x16	105	M8x1	18	13	45	38	105	14x20x17	
BRH45BL					173	60x80		129.8								
BRH55B	80	100	23.5	15	170	75x75	M12x19	121	M8x1	20	13	53	44	105	16x23x20	
BRH55BL					205.1	75x95		156.1								

型号 MODEL NO.	参考资料(mm)		基本负荷(kgf)			容许静力矩(kgf*m)			重量	
	Lmax	G	动额定负荷(G)	静额定负荷(G)	Mx	My	Mz	滑块(kgf)	滑轨(kgf/M)	
BRH15B	4000	20	850	1650	10	8	8	0.21	1.4	
BRH20B			1450	2560	22	18	18	0.31	2.6	
BRH20BL	4000	20	1900	3330	28.6	23.4	23.4	0.47		
BRH25B			2140	4000	36	32	31	0.45	3.6	
BRH25BL	4000	20	2996	5600	50.4	44.8	43.4	0.56		
BRH30B			2980	5490	60	50	49	0.91	5.2	
BRH30BL	4000	20	3900	7190	78.5	65	65	1.2		
BRH35B			3960	7010	96	75	73	1.5	7.2	
BRH35BL	4000	20	5230	9270	125	95	95	1.9		
BRH45B			6740	12100	216	170	168	2.3	12.3	
BRH45BL	4000	22.5	8330	14950	267	210	210	2.8		
BRH55B			4000	30	9940	17100	367	293	288	3.9
BRH55BL	12820	22060			473	380	375	5		

高组装、法兰型&重负荷加长型
International standard.with flange & long type

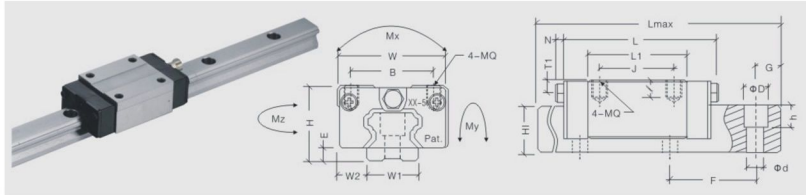


型号 MODEL NO.	组合尺寸(mm)				滑座尺寸(mm)						滑轨尺寸(mm)					
	H	W	W2	E	L	BXJ	MQXI	L1	油孔	T1	N	W1	H1	F	dxDxh	
BRH15A	24	47	16	4.6	66	38x30	M5x8	40	Φ3	4.3	5	15	14	60	4.5x7.5x5.3	
BRH20A	30	63	21.5	5	77.8	53x40	M6x9	48.8	M6x1	5	6.5	20	18	60	6x9.5x8.5	
BRH20AL					92.4			63.4								
BRH25A	36	70	23.5	7	88	57x45	M8x12	57	M6x1	5	6.5	23	22	60	7x11x9	
BRH25AL					110.1			79.1								
BRH30A	42	90	31	9	109	72x52	M10x12	72	M6x1	7	6.5	28	26	80	9x14x12	
BRH30AL					131.3			94.3								
BRH35A	48	100	33	9.5	119	82x62	M10x13	80	M6x1	8	6.5	34	29	80	9x14x12	
BRH35AL					144.8			105.8								
BRH45A	60	120	37.5	14	148.2	100x80	M12x15	105	M8x1	10	13	45	38	105	14x20x17	
BRH45AL					173			129.8								
BRH55A	70	140	43.5	15	170	116x95	M14x20	121	M8x1	11	13	53	44	105	16x23x20	
BRH55AL					205.1			156.1								

型号 MODEL NO.	参考资料(mm)		基本负荷(kgf)			容许静力矩(kgf*m)			重量	
	Lmax	G	动额定负荷(G)	静额定负荷(G)	Mx	My	Mz	滑块(kgf)	滑轨(kgf/M)	
BRH15A	4000	20	850	1650	10	8	8	0.19	1.4	
BRH20A			1450	2560	22	18	18	0.4	2.6	
BRH20AL	4000	20	1900	3330	28.6	23.4	23.4	0.52		
BRH25A			2140	4000	36	32	31	0.57	3.6	
BRH25AL	4000	20	2996	5600	50.4	44.8	43.4	0.72		
BRH30A			2980	5490	60	50	49	1.1	5.2	
BRH30AL	4000	20	3900	7190	78.5	65	65	1.4		
BRH35A			3960	7010	96	75	73	1.6	7.2	
BRH35AL	4000	20	5230	9270	125	95	95	2		
BRH45A			6740	12100	216	170	168	2.7	12.3	
BRH45AL	4000	22.5	8330	14950	267	210	210	3.6		
BRH55A			4000	30	9940	17100	367	293	288	5
BRH55AL	12820	22060			473	380	375	6.4		



高组装、无法兰型&重负荷加长型
International standard with flange & long type

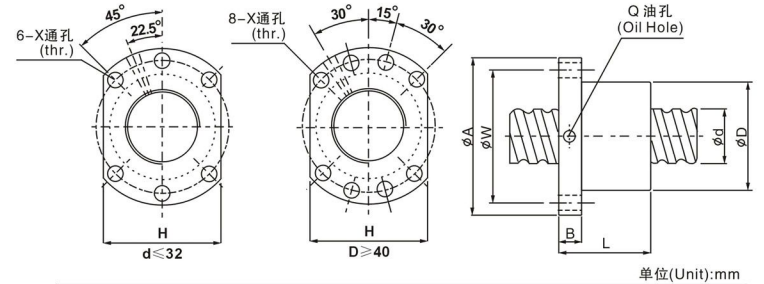


型号 MODEL NO.	组合尺寸(mm)				滑座尺寸(mm)						滑轨尺寸(mm)					
	H	W	W2	E	L	BXJ	MQxI	L1	油孔	T1	N	W1	H1	F	dxDxh	
HGH15CA	28	34	9.5	4.3x4	61.4	26x26	M4x5	39.4	Φ3	7.95	5.3	15	15	60	4.5x7.5x5.3	
HGH20CA	30	44	12	4.6	77.5	32x36	M5x6	50.5	M6x1	6	12	20	17.5	60	6x9.5x8.5	
HGH20HA					92.2	32x50		65.2								
HGH25CA	40	48	12.5	5.5	84	35x35	M6x8	58	M6x1	10	12	23	22	60	7x11x9	
HGH25HA					104.6	35x50		78.6								
HGH30CA	45	60	16	6	97.4	40x40	M8x10	70	M6x1	9.5	12	28	26	80	9x14x12	
HGH30HA					120.4	40x60		93								
HGH35CA	55	70	18	7.5	112.4	50x50	M8x12	80	M6x1	16	12	34	29	80	9x14x12	
HGH35HA					138.2	50x72		105.8								
HGH45CA	70	86	20.5	9.5	139.4	60x60	M10x17	97	M6x1	18.5	12.9	45	38	105	14x20x17	
HGH45HA					171.2	60x80		128.8								
HGH55CA	80	100	23.5	13	166.7	75x75	M12x18	117.7	M6x1	22	12.9	53	44	120	16x23x20	
HGH55HA					204.8	75x95		155.8								

型号 MODEL NO.	参考资料(mm)		基本负荷(kgf)		容许静力矩(kgf·m)			重量	
	Lmax	G	动额定负荷(G)	静额定负荷(G)	Mx	My	Mz	滑块(kgf)	滑轨(kgf/m)
HGH15CA	4000	20	11.38	25.31	0.17	0.15	0.15	0.18	1.45
HGH20CA	4000	20	17.75	37.84	0.38	0.27	0.27	0.30	2.21
HGH20HA			21.18	48.84	0.48	0.47	0.47	0.39	
HGH25CA	4000	20	26.48	59.16	0.64	0.51	0.51	0.51	3.21
HGH25HA			32.75	76.00	0.87	0.88	0.88	0.69	
HGH30CA	4000	20	38.74	83.06	1.06	0.85	0.85	0.88	4.47
HGH30HA			47.27	110.13	1.40	1.47	1.47	1.16	
HGH35CA	4000	20	49.52	102.87	1.73	1.20	1.20	1.45	6.3
HGH35HA			60.21	136.31	2.29	2.08	2.08	1.92	
HGH45CA	4000	22.5	77.57	155.93	3.01	2.35	2.35	2.73	10.41
HGH45HA			94.54	207.12	4.00	4.07	4.07	3.61	
HGH55CA	4000	30	114.44	227.81	5.66	4.06	4.06	4.17	15.08
HGH55HA			139.35	301.26	7.49	7.01	7.01	5.49	

SFU 型滚珠丝杠尺寸表
Size Table of SFU Ball Screws

宁波市鄞州科博轴承有限公司
NINGBO KING BALL BEARING (KBB) INDUSTRY CO.,LTD



单位(Unit):mm

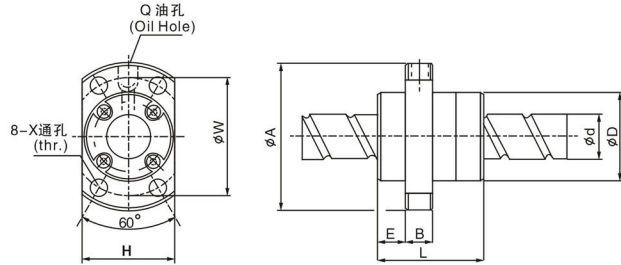
1:导程 Lead Da:球径 Ball Dia. n:珠圈数 Number of Circuits K:刚性 Stiffness (Kgf/m)
Ca:动额定负荷 Basic Dynamic Rating Load (Kgf) Coa:静额定负荷 Basic Static Rating Load (Kgf)

型号 Model No.	滚珠螺母、螺母之基准数据 Dimensions														
	d	l	Da	D	A	B	L	W	X	H	Q	n	Ca	Coa	K
SFU01204-4	12	4	2.5	24	40	10	40	32	4.5	30		4	593	1129	12.5
★ SFU01604-4	16	4	2.381	28	48	10	40	38	5.5	40	M6	4	629	1270	35
★ SFU01605-4		5	3.175	28	48	10	50	38	5.5	40	M6	4	780	1790	20
★ SFU01610-3	10	3.175	28	48	10	57	38	5.5	40	M6	3	721	1249	15	
★ SFU02004-4	20	4	2.381	36	58	10	42	47	6.6	44	M6	4	699	1617	41
★ SFU02005-4		5	3.175	36	58	10	51	47	6.6	44	M6	4	1130	2380	25
★ SFU02504-4	25	4	2.381	40	62	10	42	51	6.6	48	M6	4	777	2052	48
★ SFU02505-4		5	3.175	40	62	10	51	51	6.6	48	M6	4	1280	3110	35
★ SFU02506-4	25	6	3.969	40	62	10	54	51	6.6	48	M6	4	1528	3284	40
★ SFU02508-4		8	4.762	40	62	10	63	51	6.6	48	M6	4	1941	3863	38
★ SFU02510-4	10	4.762	40	62	12	85	51	6.6	48	M6	4	1944	3877	33	
SFU03204-4	4	2.381	50	80	12	44	65	9	62	M6	4	871	2661	56	
★ SFU03205-4	32	5	3.175	50	80	12	52	65	9	62	M6	4	1450	4150	40
SFU03206-4		6	3.969	50	80	12	57	65	9	62	M6	4	1720	4298	47
SFU03208-4	8	4.762	50	80	12	65	65	9	62	M6	4	2189	5079	44	
★ SFU03210-4	10	6.350	50	80	12	90	65	9	62	M6	4	3390	7170	79	
★ SFU04005-4	40	5	3.175	63	93	14	55	78	9	70	M8	4	1610	5330	49
SFU04006-4		6	3.969	63	93	14	60	78	9	70	M6	4	1911	5458	55
SFU04008-4	8	4.762	63	93	14	67	78	9	70	M6	4	2435	6469	52	
★ SFU04010-4	10	6.350	63	93	14	93	78	9	70	M8	4	3910	9520	50	
SFU05010-4	10	6.350	75	110	16	93	93	11	85	M8	4	4450	12500	65	
★ SFU05020-4	20	7	1.44	75	110	16	138	93	11	85	M8	4	4644	14327	59.5
★ SFU06310-4		10	6.350	90	125	18	98	108	11	95	M8	4	5070	16000	80
SFU06320-4	20	9.525	95	135	20	149	115	13.5	100	M8	4	7573	23860	84.1	
★ SFU08010-4	80	10	6.350	105	145	20	98	125	13.5	110	M8	4	5620	21300	90
SFU08020-4		20	9.525	125	165	25	154	145	13.5	130	M8	4	8485	30895	84.1
SFU10020-4	100	20	9.525	150	202	30	180	170	17.5	155	M8	4	9420	39183	110.1

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

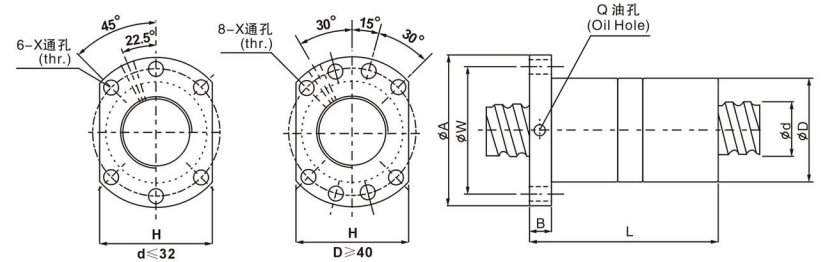


SFE 型滚珠丝杠尺寸表
Size Table of SFU Ball Screws



单位(Unit):mm

DFU 型滚珠丝杠尺寸表
Size Table of SFU Ball Screws



单位(Unit):mm

1:导程 Lead Da:珠径 Ball Dia. n:珠圈数 Number of Circuits K:刚性 Stiffness (Kg/u m)
Ca:动额定负荷 Basic Dynamic Rating Load (Kgf) Coa:静额定负荷 Basic Static Rating Load(Kgf)

1:导程 Lead Da:珠径 Ball Dia. n:珠圈数 Number of Circuits K:刚性 Stiffness (Kg/u m) Ca:动额定负荷 Basic Dynamic Rating Load (Kgf) Coa:静额定负荷 Basic Static Rating Load(Kgf)		滚珠螺母、螺帽之基准数据 Dimensions														
型号 Model No.	d	l	Da	D	A	E	B	L	X	W	H	Q	n	Ca	Coa	K
SFE01616-3	16	16	2.778	32	53	10.1	10	38	4.5	42	34	M6	1.7x2	650	1280	19
SFE01616-6	16	16	2.778	32	53	10.1	10	38	4.5	42	34	M6	1.7x4	1180	2550	36
SFE01632-3	16	32	3.175	34	55	10.5	10	34	5.5	45	36	M6	0.7x2	410	680	21
SFE01632-6	16	32	3.175	34	55	10.5	10	34	5.5	45	36	M6	0.7x4	820	1360	41
SFE02020-3	20	20	3.175	39	62	11.5	10	47	5.5	50	41	M6	1.7x2	980	2140	25
SFE02020-6	20	20	3.175	39	62	11.5	10	47	5.5	50	41	M5	1.7x4	1780	4280	49
SFE02040-3	20	40	3.175	38	58	11	10	41	5.5	48	40	M6	0.7x2	455	880	25
SFE02040-6	20	40	3.175	38	58	11	10	41	5.5	48	40	M6	0.7x4	910	1760	49
SFE02525-3	25	25	3.969	47	74	13	12	57	6.6	60	49	M6	1.7x2	1470	3350	31
SFE02525-6	25	25	3.969	47	74	13	12	57	6.6	60	49	M6	1.7x4	2660	6690	60
SFE02550-3	25	50	3.969	46	70	13	12	50	6.6	58	48	M6?	0.7x2	685	1380	31
SFE02550-6	25	50	3.969	46	70	13	12	50	6.6	58	48	M6	0.7x4	1370	2760	60
SFE03232-3	32	32	4.762	58	92	16	12	71	9	74	60	M6	1.7x2	2140	5260	40
SFE03232-6	32	32	4.762	58	92	16	12	71	9	74	60	M6	1.7x4	3890	10500	76
SFE03264-3	32	64	4.762	58	92	15.5	12	62	9	74	60	M6	0.7x2	1000	2130	40
SFE03264-6	32	64	4.762	58	92	15.5	12	62	9	74	60	M6	0.7x4	2000	4260	77
SFE04040-3	40	40	6.350	73	114	19	15	89	11	93	75	M6	1.7x2	3410	8820	49
SFE04040-6	40	40	6.350	73	114	19	15	89	11	93	75	M6	1.7x4	6200	17600	95
SFE05050-3	40	50	7.938	90	135	21.5	20	107	14	112	92	M6	1.7x2	5100	13800	60
SFE05050-6	40	50	7.938	90	135	21.5	20	107	14	112	92	M6	1.7x4	7260	27600	117

注: 1:“-3”代表双回流“-6”代表四回流。2.螺帽标准品无刮刷器,如须刮刷器,请告知业务人员。

Note:1:“-3”means 2 starts,“-6”means 4 starts.
Note:2: TBI Standard nuts are no seals,if required,please advise.

型号 Model No.	滚珠螺母、螺帽之基准数据 Dimensions															
	d	l	Da	D	A	B	L	W	X	H	Q	n	Ca	Coa	K	
★ DFU01604-4	16	4	2.381	28	48	10	80	38	5.5	40	M6	4	629	1270	35	
★ DFU01605-4	16	5	3.175	28	48	10	100	38	5.5	40	M6	4	780	1790	20	
★ DFU01610-3	10	3	1.75	28	48	10	118	38	5.5	40	M6	3	721	1249	15	
★ DFU02004-4	20	4	2.381	36	58	10	80	47	6.6	44	M6	4	699	1617	41	
★ DFU02005-4	20	5	3.175	36	58	10	101	47	6.6	44	M6	4	1130	2380	25	
★ DFU02504-4	4	2.381	40	62	10	80	51	6.6	48	M6	4	777	2052	48		
★ DFU02505-4	5	3.175	40	62	10	101	51	6.6	48	M6	4	1280	3110	35		
★ DFU02506-4	25	6	3.969	40	62	10	105	51	6.6	48	M6	4	1528	3284	40	
★ DFU02508-4	8	4.762	40	62	10	120	51	6.6	48	M6	4	1941	3863	38		
★ DFU02510-4	10	4.762	40	62	12	145	51	6.6	48	M6	4	1944	3877	33		
★ DFU03204-4	4	2.381	50	80	12	80	65	9	62	M6	4	871	2661	56		
★ DFU03205-4	5	3.175	50	80	12	102	65	9	62	M6	4	1450	4150	40		
★ DFU03206-4	6	3.696	50	80	12	105	65	9	62	M6	4	1720	4298	47		
★ DFU03208-4	8	4.762	50	80	12	122	65	9	62	M6	4	2189	5079	44		
★ DFU03210-4	10	6.350	50	80	12	162	65	9	62	M6	4	3390	7170	79		
★ DFU04005-4	5	3.175	63	93	14	105	78	9	70	M8	4	1610	5330	49		
★ DFU04006-4	6	3.969	63	93	14	108	78	9	70	M6	4	1911	5458	55		
★ DFU04008-4	8	4.762	63	93	14	132	78	9	70	M6	4	2435	6469	52		
★ DFU04010-4	10	6.350	63	93	14	165	78	9	70	M8	4	3910	9520	50		
★ DFU05010-4	10	6.350	75	110	16	171	93	11	85	M8	4	4450	12500	65		
★ DFU05020-4	20	7.144	75	110	16	280	93	11	85	M8	4	4644	14327	59.5		
★ DFU06310-4	10	6.350	90	125	18	182	108	11	95	M8	4	5070	16600	80		
★ DFU06320-4	20	9.525	95	135	20	290	115	13.5	100	M8	4	7573	23860	84.1		
★ DFU08010-4	10	6.350	105	145	20	182	125	13.5	110	M8	4	5620	21300	90		
★ DFU08020-4	20	9.525	125	165	25	295	145	13.5	130	M8	4	8485	30895	84.1		
★ DFU10020-4	100	20	9.525	150	202	30	340	170	17.5	155	M8	4	9420	39183	300	

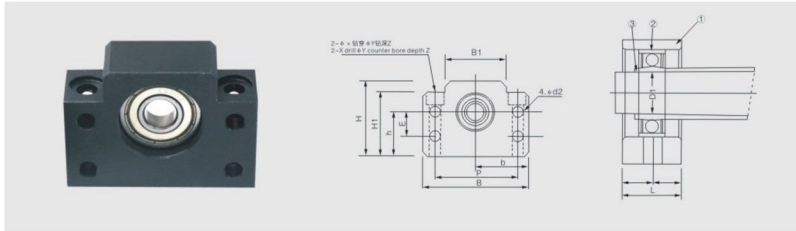
备注:有标注★记号者可制作左螺纹 Note: with sign★can produce left helix



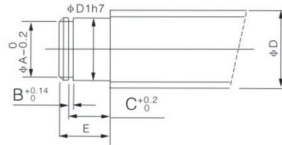
宁波市鄞州科博轴承有限公司
NINGBO KING BALL BEARING (KBB) INDUSTRY CO.,LTD

滚珠丝杠支撑座支持端
Ball screws supports

编号/Part No.	部品名称/Part name	数量/Quantity
1	轴承座本体/Housing	1
2	轴承/Bearing	1
3	C型扣环/Holding lid	1



型号 MODEL NO.	轴径 SHAFT DIAMETER	L	B	H	b		h		B1	H1	E	P	d2	X	Y	Z	使用轴承 BEARING	使用C型扣环 SNAP RING
					±0.02	±0.02												
BF-12	10	20	60	43	30	25	35	32.5	18	46	5.5	6.6	11	1.5	6000ZZ	S10		
BF-15	15	20	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5	6002ZZ	S15		
BF-17	17	23	86	64	43	39	50	55	28	68	6.6	9	14	8.5	6203Z	S17		
BF-20	20	26	88	60	44	34	52	50	22	70	6.6	9	14	8.5	6004ZZ	S20		

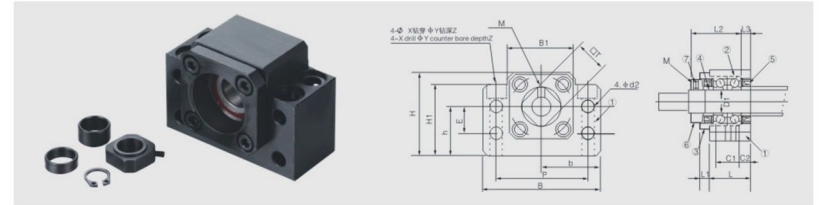


型号 MODEL NO. BF型	适用轴杆外径 BALL SCREW OUTSIDE DIAMETER D	D1	E	C型扣环 LOCATING SNAP RING			型号 MODEL NO. BF型
				A	B	C	
BF-12	Φ14, Φ15, Φ16	10	11	9.6	1.15	9.15	BF-12
BF-15	Φ18, Φ20	15	13	14.3	1.15	10.15	BF-15
BF-17	Φ20, Φ25	17	16	16.2	1.15	13.15	BF-17
BF-20	Φ25, Φ28	20	16	19.0	1.35	13.35	BF-20

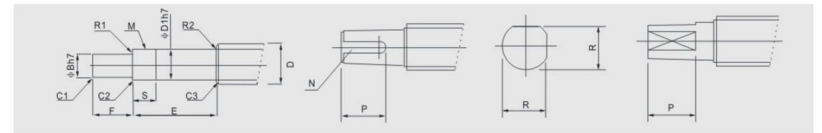
滚珠丝杠支撑座固定端
Ball screws supports

编号/Part No.	部品名称/Part name	数量/Quantity
1	轴承座本体/Housing	1
2	轴承/Bearing	2
3	压板/Holding lid	1
4	间隔圈/Collar	2

编号/Part No.	部品名称/Part name	数量/Quantity
5	轴封/Seal	2
6	锁固螺帽/Lock nut	1
7	六角防松螺丝附铜片 Hexagon socket-head Setscrew(with set piece)	1



型号 MODEL NO.	轴径 SHAFT DIAMETER	L	L1	L2	L3	B	H	b		B1	H1	E	P	C1	C2	d2	X	Y	Z	M	T
								±0.02	±0.02												
Bk12	12	25	6	29	5	60	43	30	25	35	32.5	18	46	13	6	5.5	6.6	11	1.5	M3	19
Bk15	15	27	6	32	6	70	48	35	28	40	38	18	54	15	6	5.5	6.6	11	6.5	M3	22
Bk17	17	35	9	44	7	86	64	43	39	50	55	28	68	19	8	6.6	9	14	8.5	M4	24
Bk20	20	35	8	43	8	88	60	44	34	52	50	22	70	19	8	6.6	9	14	8.5	M4	30



型号 MODEL NO. BK型	适用轴杆外径 BALL SCREW OUTSIDE DIAMETER D	D1	B	E	F	M	S	倒角 CHAMFER			圆角半径 RADIUS		键槽 (宽x深x深) KEY WAY DIMENSION				H2
								C1	C2	C3	R1	R2MAX	N	P	R	P	
Bk12	Φ14, Φ15, Φ16, Φ18	12	10	39	15	M12 x 1	14	0.5	0.5	0.5	0.3	0.6	3 x 1.8	12	9.5	12	
Bk15	Φ18, Φ20	15	12	40	20	M15 x 1	12	0.5	0.5	0.5	0.3	0.6	4 x 2.5	16	11.3	16	
Bk17	Φ20, Φ25	17	15	53	23	M17 x 1	17	0.5	0.5	0.5	0.3	0.6	5 x 3.0	21	14.3	21	
Bk20	Φ25, Φ28	20	16	53	25	M20 x 1	15	0.5	0.5	0.5	0.3	0.6	5 x 3.0	21	16	21	