YIDI MOTION

专注精密传动部件

- 滚珠丝杠副
- 滚珠丝杠支撑座
- 联轴器 / 螺母座
- 线性滑轨
- 直线光轴
- 滚轮导轨 / 圆柱导轨副
- 箱式滑动单元

YIDI MOTION

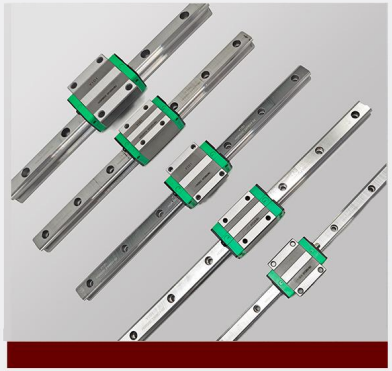
GENERAL CATALOGUE

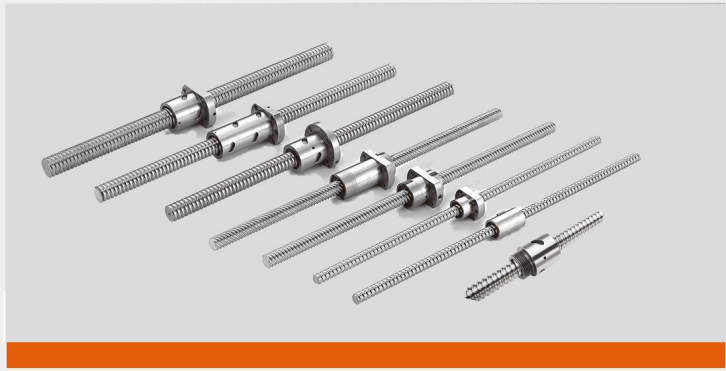
综合型录











- BALL SCREW
- BALL SCREW BRACKETS
- COUPLING / NUT HOUSING
- LINEAR GUIDEWAY
- LINEAR SHAFT
- ROLLER / CYLINDRICAL GUIDE SET
- LINEAR MOTION SLIDE UNITS

Expert In Precision Transmission Parts

YIDI MOTION Expert In Precision Transmission Parts

河北义迪进出口贸易有限公司

HEBEI YIDI IMPORT AND EXPORT TRADING CO.,LTD

Address:16-1-1601 Aobeigongyuan, Chang 'an District, Shijiazhuang City, Hebei Province, China

Tel:+86-18134111662, Fax:+86151-30853762

Email:adam@yidimotion.com, Web:www.yidimotion.com

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COMPANY PROFILE

企业简介

YIDI MOTION



河北义迪进出口贸易有限公司成立于 2020 年。是一家专业生产滚珠丝杠、直线导轨、直线模组、滚珠花键，齿轮齿条、电机和轴承产品的工厂。我们能够提供 OEM 和 ODM 定制服务。我们致力于为客户提供一站式选择服务以及“直线运动”部件的智能制造解决方案。我们拥有 50 名员工的工厂团队，其中高级技术人员占比超过 30%。我们的使命是为客户提供优质的产品和服务。我们公司引进了来自德国和日本的先进设备，以确保生产过程的高效率和稳定质量。我们非常自豪拥有自己的使命，它代表了我们公司的核心价值观：创新、质量与可靠性。我们的产品出口到全球 30 多个国家，包括德国、美国、加拿大、法国等。并且因其卓越的质量和有竞争力的价格而广受认可。我们始终坚持以客户需求为导向，并不断努力提升产品性能和技术水平，以满足不同客户的需求。河北一迪进出口贸易有限公司以诚信和专业为根基，致力于成为全球领先的滚珠丝杠和直线导轨制造商。我们真诚期待与您合作，共同创造更美好的未来！

Hebei yidi import and export trading company limited was established in 2020. Is a professional factory for ball screw, linear guide, Single axis linear actuator, ball spline, Motor and bearing products. We can provide OEM and ODM customized services. we are committed to providing customers with a One-stop selection service and intelligent manufacturing solutions for "linear motion" parts. We have a factory team of 50 employees, Senior technicians accounted for more than 30%.

And it is our mission to provide customers with quality products and services. Our company has introduced advanced equipment from Germany and Japan to ensure the high efficiency and stable quality of the production process.

We are very proud to have our own mission, Which represents our company's core values: innovation, quality and reliability. Our products are exported to more than 30 countries around the world, including Germany, United States, Canada, France and so on. And have been widely recognized for their excellent quality and competitive prices. We always adhere to customer demand-oriented, and constantly strive to improve product performance and technical level to meet the needs of different customers.

Hebei yidi import and export trading company limited. Is based on integrity and professionalism, And is committed to becoming a world-leading ball screw and linear guideways manufacturer. We sincerely look forward to cooperating with you to create a better future together!

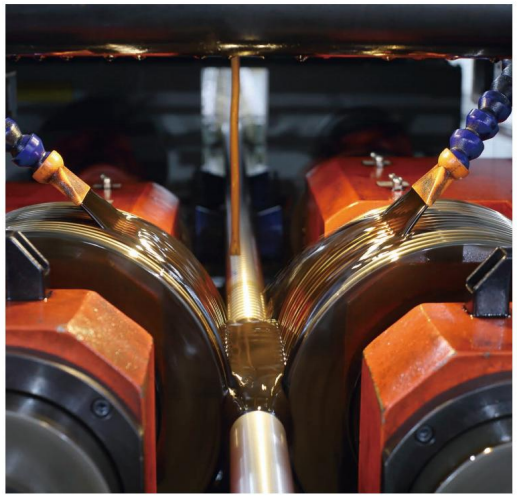




PRODUCTION FACILITY

加工设备











INSPECTION AND TESTING

检测检验













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YIDI MOTION

专注精密传动部件



滚珠丝杠副
BALL SCREW

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滚珠丝杠副选型 Ball Screw Selection

SFU	R	025	05	T4	D	G	C5	–	600	–	P1	–	B2	+	N3	N3
①	②	③	④	⑤	⑥	⑦	⑧		⑨		⑩		⑪		⑫	⑬

①

公称型号 Nominal Model	
S	S: 单螺母 Single nut
	D: 双螺母 Double nut
	O: 一体式螺母 Off set double nut
F	F: 有法兰 With flange
	C: 无法兰 Without flange
I	NI: NI 型螺母 NI type nut
U	NU: NU 型螺母 NU type nut
	A: A 型螺母（滑台专用） A type nut (A solution for slide table)
	Y: Y 型螺母 Y type nut
	U: DIN 型螺母 DIN type nut
	K: K 型螺母 K type nut
	S: S 型螺母（滑台专用） S type nut (A solution for slide table)

②

螺纹方向 Threading Direction
R: 右 Right
L : 左 Left

③

丝杠轴外径 Nominal Diameter
单位 Unit : mm

④

导程 Lead
单位 Unit : mm

⑤

珠卷数（卷数．列数） Number of Turns (Turn·Row)
卷数 Turn : T:1
A:1.5 (or 1.7/1.8)
B:2.5/2.8
C:3.5
D:4.8
例 ex :(2.5×2 = B2)

⑥

法兰型式 Flange Type
N: 无切边 Not cutting
S: 单切边 Single cutting
D: 双切边 Double cutting

⑦

制程代号 Product Code
G: 研磨 Grind
F: 转造 Rolled

⑧

导程精度等级 Accuracy Grade
C0, C1, C2, C3, C5, C7, C10

⑨

丝杠轴长度 Overall Length of Shaft
单位 :mm

⑩

轴方向间隙预压等级 Axial Clearance and Preload Value
P0, P1, P2, P3, P4

⑪

螺帽 Number of Nut
（若为 1 个时省略）例：一轴两个螺母：B2 (Leave blank if only one nut is required) Ex : Install two nuts on a shaft B2

⑫

螺帽表面处理 Nut Surface Treatment
S: 标准 Standard
B1: 染黑 Black Oxidation
N1: 镀铬 Hard Chrome Plating
N3: 镀镍 Nickel Plating

⑬

丝杠表面处理 Shaft Surface Treatment
S: 标准 Standard
B1: 染黑 Black Oxidation
N1: 镀铬 Hard Chrome Plating
N3: 镀镍 Nickel Plating

○ 当螺母、丝杠均无表面处理时，则省略标示。
No symbol required when plating is not needed.

精度设计 Design Accuracy

1-1-1 导程精度 Lead / Travel Accuracy

精密滚珠丝杠 (C0 级 ~C10 级) 的导程精度，以 JIS 规格为基准，并由四个特性项目 (E,e,e_{300},$e_{2\pi}$) 加以规定。各特性之定义与容许值如图 1.1.1 及表 1.1.1~1.1.3 所示。一般用滚珠丝杠 C7,C10 之累积导程误差，则仅以在有效螺纹长度范围内任取 300mm 的最大幅宽的误差容许值，和表 1.1.3 之 e_{300} 加以规定，各为 0.05mm 及 0.21mm。

According to the standard of JIS,we classified our lead accuracy through E, e, e_{300} and $e_{2\pi}$, four main regulations. As figure 1.1.1 ~ 1.1.3 shown in below, all the definition and tolerance are specified.To test the accumulated travel deviations for grade C7 and C10, the tolerance will be chosen in random 300mm of useful length and evaluated if it is qualified with the e300 table of 1.1.3.

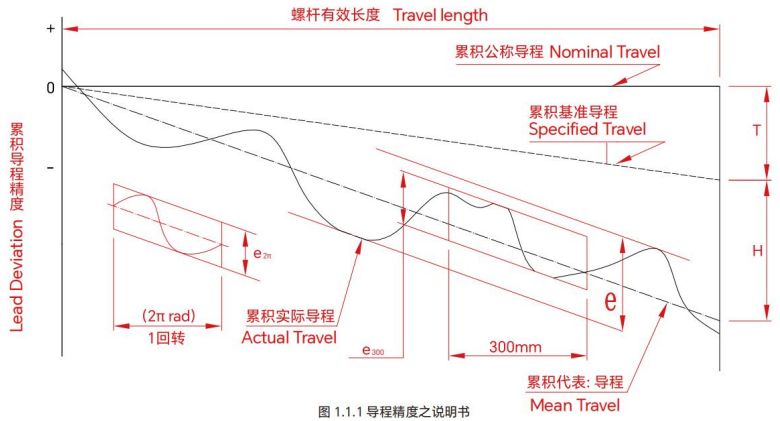


图 1.1.1 导程精度之说明书
Fig 1.1.1 Diagram of Lead Accuracy

用语 Terms	记号 Reference	说明 Definition	容许值 Allowable
累积导程之目标值 Travel Compensation	T	在有效螺纹范围内，累积基准导程减累积公称导程的差谓之，亦即考虑运转时之热膨胀、弹性变形等因素。而事先将累积公称导程加以补正，并据此制作丝杠。其值依实验或经验而定。 Travel compensation is the deduction between specified and nominal travel in the useful travel. A slightly smaller value compared with nominal travel is often selected by customer, to compensate for an expected elongation caused by temperature rise or external load. Therefore " T " is usually a negative value. Note : if no compensation is needed, specified travel is the same as nominal travel.	
累积实际导程 Actual Travel		实际测定之累积导程。 Actual travel is the axial displacement of the nut relative to the screw shaft.	
累积代表导程 Mean Travel		代表累积实际导程倾向的直线，由累积实际导程曲线藉最小二乘法或类似方法，所求得的直线。 Mean travel is the linear best fit line of actual. This could be obtained by the least squares method. This line represents the tendency of actual travel.	
累积代表导程之误差 Mean Travel Deviation	E	累积代表导程减累积基准导程的值。 Mean travel deviation is the deduction between mean travel and specified travel within travel length.	表 Table 1.1.2
变动 Travel Variations	e e_{300} $e_{2\pi}$	与累积代表导程平行划出的 2 直线所夹之累积实际导程之最大幅宽由下列 3 项加以规定。 在有效螺纹长度范围内的最大幅宽。 在有效螺纹长度范围内任取 300mm 的最大幅宽。丝杠轴转动 1 圈的范围内，螺母对应于任意回转角的轴方向移动量的实测值与基准值的差的最大幅宽。 Travel variations is the coverage of 2 lines drawn parallel to the mean travel. Maximum width of variation within the travel length. Actual width of variation for the length of 300mm taken anywhere within the travel length. Wobble error, actual width of variation for one revolution (2π radian)	表 Table 1.1.2 表 Table 1.1.3 表 Table 1.1.3

精度设计 Design Accuracy

表 Table 1.1.2 累积代表导程误差 (±E) 与变动 (e) 之容许值 (JIS B 1192)
Mean Travel Deviation (±E) and Travel Variation (e) (JIS B 1192)

单位 Unit : μm

精度等级 Grade			C0		C1		C2		C3		C5		C7	C10
有效螺纹长度 Travel Length (mm)	以上 Over	以下 Incl.	±E	e	±E	e	±E	e	±E	e	±E	e	e	e
		100	3	3	3.5	5	5	7	8	8	18	18		
	100	200	3.5	3	4.5	5	7	7	10	8	20	18		
	200	315	4	3.5	6	5	8	7	12	8	23	18		
	315	400	5	3.5	7	5	9	7	13	10	25	20		
	400	500	6	4	8	5	10	7	15	10	27	20		
	500	630	6	4	9	6	11	8	16	12	30	23		
	630	800	7	5	10	7	13	9	18	13	35	25		
	800	1000	8	6	11	8	15	10	21	15	40	27		
	1000	1250	9	6	13	9	18	11	24	16	46	30		
	1250	1600	11	7	15	10	21	13	29	18	54	35	±50/300mm	±210/300mm
	1600	2000			18	11	25	15	35	21	65	40		
	2000	2500			22	13	30	18	41	24	77	46		
	2500	3150			26	15	36	21	50	29	93	54		
	3150	4000			30	18	44	25	60	35	115	65		
	4000	5000					52	30	72	41	140	77		
	5000	6300					65	36	90	50	170	93		
	6300	8000							110	60	210	115		
	8000	10000									260	140		
	10000	12500									320	170		

表 Table 1.1.3 对螺纹部长度 300mm 之变动 (e_{300}) 与摇摆 ($e_{2\pi}$) 之容许值 (JIS B 1192)
International standard of accuracy grade for ball screw

单位 Unit : μm

精度等级	C0	C1	C2	C3	C5	C7	C10
e_{300}	3.5	5	7	8	18	50	210
$e_{2\pi}$	2.5	4	5	6	8		

1-1-2 轴方向间隙 Axial Play

精密滚珠丝杠之轴方向间隙预压等级，如表 1.1.4 所示。
Axial play of WANGONG's precision ball screw is shown below:

表 Table 1.1.4 轴方向间隙预压等级 Classification of Axial Play

精度等级 Grade	P0	P1	P2	P3	P4
间隙 Axial Play	有 Yes	无 No	无 No	无 No	无 No
预压 Preload	无 No	无 No	轻 Light	中 Medium	重 Heavy

过大的预压力将造成摩擦扭矩大增及温升效应，而使得预期寿命减短；但太低的预压力会使得滚珠丝杠刚性不足及增加失步 (LOST MOTION) 的可能性。义迪建议您，于 CNC 工具机的使用上，以不超过 8% 动负荷为预压力的最大值；于自动化 X-Y 平台机构上则以不超过 5% 的动负荷为预压力之最大值。

Excessive preload increases the friction torque and generates heat which will reduce the life expectancy. However, insufficient preload will reduce stiffness and increase the possibility of lost motion. YIDI recommends that the preload applied on CNC machine tools should not heavier than 8% of the dynamic load; 5% for industrial automation X-Y table.

精度设计 Design Accuracy

表 Table 1.1.5 预压 (P2) 参考值 The reference spring force of (P2)

规格 Model No.	单螺帽弹簧力 (Kg) Spring Force (Kg) Single Nut	双螺帽弹簧力 (Kg) Spring Force(Kg) Double Nut
1605	0.1~0.3	0.3~0.6
2005	0.1~0.3	0.3~0.6
2505	0.2~0.5	0.3~0.6
3205	0.2~0.5	0.5~0.8
4005	0.2~0.5	0.5~0.8
2510	0.2~0.5	0.5~0.8
3210	0.3~0.6	0.5~0.8
4010	0.3~0.6	0.5~0.8
5010	0.3~0.6	0.8~1.2
6310	0.6~1.0	0.8~1.2
8010	0.6~1.0	0.8~1.2

表 Table 1.1.6 转造级及研磨级滚珠丝杠 (P0) 最大轴向间隙
Axial Play (P0) Clearance in the Axial Direction of Rolled and Grind Ball Screw

单位 Unit : mm

丝杠外径尺寸 Nominal Diameter	转造级滚珠丝杠最大轴向间隙 Rolled Ball Screw Clearance in the Axial Direction (max.)	研磨级滚珠丝杠最大轴向间隙 Ground Ball Screw Clearancein the Axial Direction (max.)
Φ04~Φ14 微小型滚珠丝杠 miniature ball screw	0.05	0.015
Φ15~Φ40 中尺寸滚珠丝杠 middle size of ball screw	0.08	0.025
Φ50~Φ100 大尺寸滚珠丝杠 big size of ball screw	0.12	0.05

1-1-3 滚珠丝杠的安装部位精度 Definition of Mounting Accuracy and Tolerance on Ball Screw

滚珠丝杠的安装部位之精度，其必要项目如下：

(1) 相对于螺纹沟面的轴线 A，测定丝杠支持部位的半径方向圆周偏摆值。

(2) 相对于丝杠支持部位的轴线 F，测定零件安装部位的同轴度。

(3) 相对于丝杠轴支持部位的轴线 E，测定支持部位的端面的直角度。

(4) 相对于丝杠轴线 G，测定螺母的基准面或法兰的安装面的直角度。

(5) 相对于丝杠轴线 A，测定螺母外缘圆周（圆筒型）的同轴度。

(6) 相对于丝杠轴线 C，测定螺母外缘（平头型安装面）的平行度。

(7) 丝杠轴线的半径方向的总偏摆值。

在此所述之精度项目是以 JISB1191、1192 为基准。

The main items of the mounting accuracy of ball screw are listed in below.

(1) Periphery run-out of the supporting part of the screw shaft to the screw groove.

(2) Concentricity of a mounting portion of the shaft to the adjacent ground portion of the screw shaft.

(3) Perpendicularity of the shoulders to the adjacent ground portion of tha screw shaft.

(4) Perpendicularity of the nut flange to the axis of the screw shaft.

(5) Concentricity of the ball nut diameter to the screw groove.

(6) Parallelism of the mounting surface of a ball nut to the screw groove.

(7) Total run-out of the screw shaft to the axis of the screw shaft.

All WANGONG ball screws are manufactured, inspected and guaranteed to be within specifications.

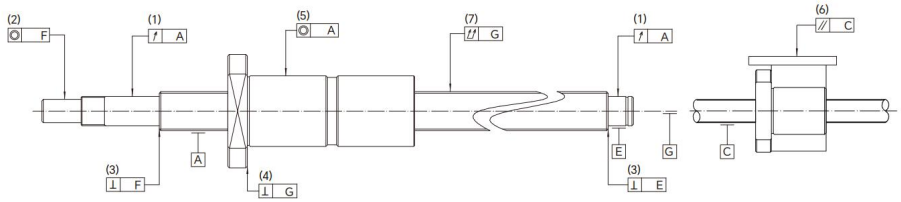


图 1.1.2 滚珠丝杠安装部位的精度
Fig 1.1.2 Mounting Accuracy and Tolerance

精度设计 Design Accuracy

1-1-4 预压扭矩 Preload Torque

转动有施予预压之滚珠丝杠时，产生之预压扭矩用语如 图 1.1.3 所示。而预压扭矩变动率的容许范围大致上是以 JIS 规格为基准，如表 1.1.7 所示。

As figure 1.1.3 shown in below, it specified all the type of preload torque generated by rotating a preloaded ball screw.

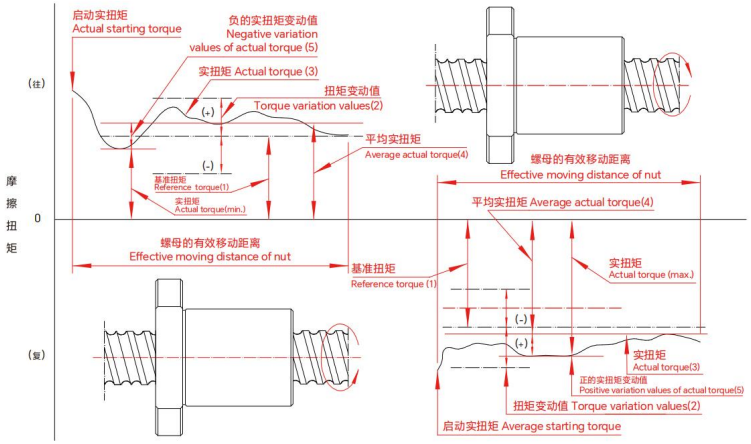


图 1.1.3 预压扭矩的说明
Fig 1.1.3 Descriptions of preload torque

用语之意义 Glossary

1. 预压

为求消除丝杠的间隙增大丝杠之刚性而将 1 组大 1 号的钢珠（约 2μ）填入螺母内，或者使用在丝杠轴方向互相施予移位的两个螺母而产生的丝杠内部的作用力。

2. 预压动扭矩

依所定之预压加诸于滚珠丝杠后，在外部无负载的状态下，连续转动丝杠轴或螺母所需之动扭矩谓之。

3. 基准扭矩

做为目标所设定的预压动扭矩图 1.1.3 之 (1)。

4. 扭矩变动值

做为目标所设定的预压动扭矩的变动值。取相对于基准扭矩的正或负值。

1. Preload

To generate the inner force inside the ball screw to decrease the clearence and increase the rigidity, a set of one gage (approximately 2μ) larger steel balls is filled inside the nut or two nuts which are executing mutual displacement in axial direction.

2. Preload dynamic torque

The dynamic torque required for continuously rotating the screws shaft or the nuts under unload condition and the preload has applied to the ball screws.

3. Reference torque

The targeted preload dynamic torque Fig 1.1.3-(1)

4. Torque variation values

The variation values of the targeted preload torque variation rates are specified.Take a positive or negative value relative to the reference torque.

精度设计 Design Accuracy

5. 扭矩变动率
相对于基准扭矩的变动值的比率

6. 实扭矩
滚珠丝杠的实测预压动扭矩

7. 平均实扭矩
螺纹部有效长度内；使螺母做往复运动所测得之实扭矩最大与最小值的算术平均数。

8. 实扭矩变动值
螺纹部有效长度内；使螺母做往复运动所测得之最大变动值，最小值取相对于实扭矩的正或负值。

9. 实扭矩变动率
相对于平均实扭矩的变动值比率。

5. Torque variation rate
The variation ratio of reference torque.

6. Actual torque
The actual measured preload dynamic torque of the ball screws.

7. Average actual torque
The arithmetic average of the maximal and minimal actual torque values measured when the nuts are doing reciprocating movements.

8. Actual torque variation values
After the nut doing reciprocating movements on the effective length of the thread, the biggest variation tested will be the actual torque variation value, which is covered between the positive and negative minimum value relative to the actual torque.

9. Actual torque variation rate
The rate of actual torque variation values in relation of the average actual torque.

表 Table 1.1.7 扭矩变动率的容许范围 Permissible ranges of toque variation rates

基准扭矩 Reference torque kgf · cm		有效丝杠长度 Effective threading length mm										
		4000 以下 Below 4000								4000~10000 以下		
		细长比 1：40 以下 Slenderness 1 : below 40				细长比 :40~1 :60 Slenderness1 : 40~1 : 60				-		
		等级 Grade				等级 Grade				等级 Grade		
超过	以下	C0	C1	C2, C3	C5	C0	C1	C2, C3	C5	C1	C2, C3	C5
2	4	±35%	±40%	±45%	±55%	±45%	±45%	±55%	±65%	-	-	-
4	6	±25%	±30%	±35%	±45%	±38%	±38%	±45%	±50%	-	-	-
6	10	±20%	±25%	±30%	±35%	±30%	±30%	±35%	±40%	-	±40%	±45%
10	25	±15%	±20%	±25%	±30%	±25%	±25%	±30%	±35%	-	±35%	±40%
25	63	±10%	±15%	±20%	±25%	±20%	±20%	±25%	±30%	-	±30%	±35%
63	100	-	-	±15%	±20%	-	-	±20%	±25%	-	±25%	±30%

注：细长比是以丝杠轴的螺纹部长度（mm）除丝杠轴外径所得的值谓之。
Remarks : 1. Slenderness is the value of dividing the screws shaft outside diameter with the screws shaft threading length.

检测仪器 Testing Equipment

义迪拥有完善的质量控制管理体系和先进的检测仪器。
YIDI has a comprehensive quality control management system and advanced testing instruments.

轮廓仪 Profilometer



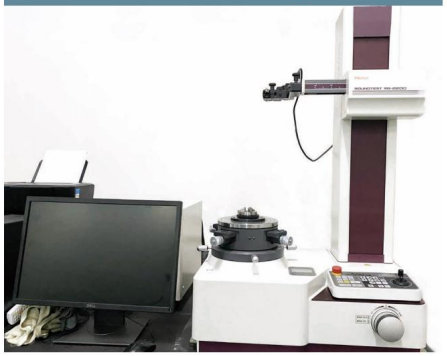
对滚珠丝杆 / 螺母的轮廓、二维尺寸、二维位移，接触角度，进行测试与检验。
Test and inspect the contour, two-dimensional dimensions, two-dimensional displacement, and contact angle of the ball screw nut.

硬度检测仪 Hardness Tester



用于测量滚珠丝杆材料的表面硬度和芯部硬度。
Used to measure the surface hardness and core hardness of ball screw materials.

圆度仪 Roundness Measuring Instrument



用于测量螺母的圆度、圆柱度、同轴度、同心度、平面度、平行度、垂直度、径向偏差、厚度偏差、径向跳动、径向全跳动、直径测量、直线度、倾斜度、锥度、直径轮廓公差、直线轮廓公差等。
Used to measure the roundness, cylindricity, coaxiality, concentricity, flatness, parallelism, verticality, radial deviation, thickness deviation, radial runout, radial total runout, diameter measurement, straightness, inclination, taper, diameter contour tolerance, straight contour tolerance, etc. of nuts.

粗糙度测量仪 Roughness Measuring Instrument



可对多种机械加工零件表面的粗糙度进行测量，包括平面、斜面、外圆柱面，曲面，小孔，沟槽及车轴等。
The roughness measuring instrument can measure the surface roughness of various machined parts, including flat surfaces, inclined surfaces, cylindrical surfaces, curved surfaces, small holes, grooves, and axles.

研磨 / 转造级滚珠丝杠 Grinding / Rolled Ball Screw



表 Table 2.1.1 精密研磨 / 转造级丝杠标准尺寸规格对照表 Φ6~32 Grind / Rolled Ball Screw Specification Φ6~32

型号 Model No.			导程精度等级 Accuracy Grade	螺纹方向 Threading Direction	牙口数 Number of Grooves	标准型丝杠编号 Standard Code of Shaft	适用螺帽型式 Type of Nut	丝杠最长长度 Max Length of Shaft	重量 Weight
外径 d	导程 l	珠径 Da		R : 右 L : 左				mm	Kg/m
4	1	0.8	C10, C7, C5	R	1	SCR0401	K	1000	0.10
6	1	0.8	C10, C7, C5	R	1	SCR0601	K	1000	0.22
8	1	0.8	C10, C7, C5	R	1	SCR0801	K	1000	0.39
	2	1.2	C10, C7, C5	R	1	SCR0802	K		0.39
	2.5	1.2	C10, C7, C5	R	1	SCR082.5	K, BSH		0.39
10	2	1.2	C10, C7, C5	R	1	SCR1002	K, BSH	3000	0.61
	4	2	C10, C7, C5	R	1	SCR1004	K, BSH		0.61
12	2	1.2	C10, C7, C5	R	1	SCR1202	K	3000	0.88
	4	2.38	C10, C7, C5	R/L	1	SCR1204	U, BSH		0.87
	5	2.5	C10, C7, C5	R	1	SCR1205A	V, U, BSH, H, A, S		0.87
14	2	1.2	C10, C7, C5	R	1	SCR1402	K	1800	1.21
	4	2.5	C10, C7, C5	R	1	SCR1404	BSH	3000	1.2
16	4	2.381	C10, C7, C5	R	1	SCR1604(N)	V, I, U, BSH	4000	1.57
	5	3.175	C10, C7, C5	R/L	1	SCR1605	V, NI, NU, BSH		1.56
	10	3.175	C10, C7, C5	R/L	2	SCR1610	V, NI, NU, BSH		1.56
	16	2.778	C10, C7, C5	R	4	SCR1616	Y		1.55
	32	2.778	C10, C7, C5	R	8	SCR1632	Y		1.55
20	4	2.381	C10, C7, C5	R	1	SCR2004(N)	V, I, U	4000	2.45
	5	3.175	C10, C7, C5	R/L	1	SCR2005	V, NI, NU, BSH, H, A, S		2.45
	20	3.175	C10, C7, C5	R	4	SCR2020	V, Y, H, A, S		2.42
	40	3.175	C10, C7, C5	R	8	SCR2040	Y		2.42
25	4	2.381	C10, C7, C5	R	1	SCR2504(N)	I, U	6000	3.84
	5	3.175	C10, C7, C5	R/L	1	SCR2505	V, NI, NU, BSH, H, A, S		3.83
	10	4.762	C10, C7, C5	R/L	1	SCR2510-A	NI, NU, BSH		3.81
	25	3.969	C10, C7, C5	R	4	SCR2525	Y		3.79
	50	3.969	C10, C7, C5	R	8	SCR2550	Y		3.79
32	4	2.381	C10, C7, C5	R	1	SCR3204(N)	V, I, U	6000	6.3
	5	3.175	C10, C7, C5	R/L	1	SCR3205	V, NI, NU, M, H, A, S		6.29
	10	6.35	C10, C7, C5	R/L	1	SCR3210	V, NI, NU		6.23
	32	4.762	C10, C7, C5	R	4	SCR3232	Y		6.22
	64	4.762	C10, C7, C5	R	8	SCR3264	Y		6.22

研磨 / 转造级滚珠丝杠 Grinding / Rolled Ball Screw

表 Table 2.1.2 标准型尺寸规格对照表 Φ40~80 Standard Specifications Φ40~80 单位 Unit : mm

型号 Model No.			导程精度等级 Accuracy Grade	螺纹方向 Threading Direction	牙口数 Number of Grooves	标准型丝杠编号 Standard Code of Shaft	适用螺帽型式 Type of Nut	丝杠最长长度 Max Length of Shaft	重量 Weight
外径 d	导程 l	珠径 Da		R : 右 L : 左				mm	Kg/m
40	5	3.175	C10, C7, C5	R/L	1	SCR4005	V, NI, NU, H, A, S	6000	9.84
	10	6.350	C10, C7, C5	R/L	1	SCR4010	V, NI, NU		9.78
	20	6.350	C10, C7, C5	R	2	SCR4020	V		9.78
	40	6.350	C10, C7, C5	R	4	SCR4040	Y		9.7
	80	6.350	C10, C7, C5	R	8	SCR4080	Y		9.7
50	5	3.175	C10, C7, C5	R	1	SCR5005	V, H, A, S	6000	15.39
	10	6.350	C10, C7, C5	R/L	1	SCR5010	V, NI, NU		15.33
	20	9.525	C10, C7, C5	R	1	SCR5020	V		15.23
	50	7.938	C10, C7, C5	R	4	SCR5050	Y		15.15
	100	7.938	C10, C7, C5	R	8	SCR50100	Y		15.15
63	10	6.350	C10, C7, C5	R	1	SCR6310	V, NI, NU	7000	24.39
	20	9.525	C10, C7, C5	R	1	SCR6320	V, NU		24.28
80	10	6.350	C10, C7, C5	R	1	SCR8010	V, NI, NU	7000	39.28
	20	9.525	C10, C7, C5	R	1	SCR8020	V, NU		39.27

表 Table 2.1.3 S/A 型尺寸规格对照表 Φ16~50 S/A-type Specifications Φ16~50 单位 Unit : mm

型号 Model No.			导程精度等级 Accuracy Grade	螺纹方向 Threading Direction	牙口数 Number of Grooves	标准型丝杠编号 Standard Code of Shaft	适用螺帽型式 Type of Nut	丝杠最长长度 Max Length of Shaft	重量 Weight
外径 d	导程 l	珠径 Da		R : 右 L : 左				mm	Kg/m
12	10	2.5	C10, C7, C5	R	2	SSR1210	H, A, S	3000	0.87
15	5	2.778	C10, C7, C5	R	1	SSR1605	H, A, S	4000	1.37
	10	2.778	C10, C7, C5	R	2	SSR1610	H, A, S		1.37
	16	2.778	C10, C7, C5	R	4	SSR1616	H, A, S		1.37
	20	2.778	C10, C7, C5	R	4	SSR1620	H, A, S		1.37
20	10	3.175	C10, C7, C5	R	2	SSR2010	H, A, S	4000	2.45
25	10	3.175	C10, C7, C5	R	2	SSR2510	H, A, S	6000	3.83
	25	3.175	C10, C7, C5	R	4	SSR2525	H, A, S		3.83
31	10	3.969	C10, C7, C5	R	1	SSR3210	H, A, S	6000	5.89
	20	3.969	C10, C7, C5	R	2	SSR3220	H, A, S		5.89
	32	3.969	C10, C7, C5	R	4	SSR3232	H, A, S		5.89
38	10	6.35	C10, C7, C5	R	1	SSR4010	H, A, S	6000	8.82
	20	6.35	C10, C7, C5	R	2	SSR4020	H, A, S		8.82
	40	6.35	C10, C7, C5	R	4	SSR4040	H, A, S		8.82
48	10	6.35	C10, C7, C5	R	1	SSR5010	H, A, S	6000	14.12
	20	6.35	C10, C7, C5	R	2	SSR5020	H, A, S		14.12
	50	6.35	C10, C7, C5	R	4	SSR5050	H, A, S		14.12

滚珠丝杠副装配说明 Ball Screw Assembly

装配说明 Assembling the Ball Screws

若您订购之产品为转造级单出螺母，请依下列步骤进行装配：
If rolled ball nut is shipped un-assembled please follow the procedure as below.



1. 将螺母上的固定线剪开。
   Remove the band.



2. 将转换管对上正确尺寸的丝杠前端。
   Attached the mandrel towards machine ends.



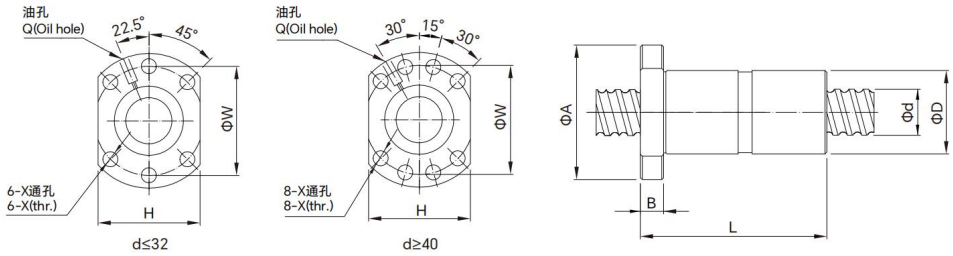
3. 将螺母顺着丝杠的螺纹转入。
   Rotate the ball nut into the screw along the thread.



4. 将螺母全行程都转入丝杠上。
   注意！确认螺母全部行程都转入丝杠后才能将转换管移开。
   Ensure that the ball nut is fully inserted before remove the mandrel.

双螺母 DFU 系列 Double Nut DFU Series





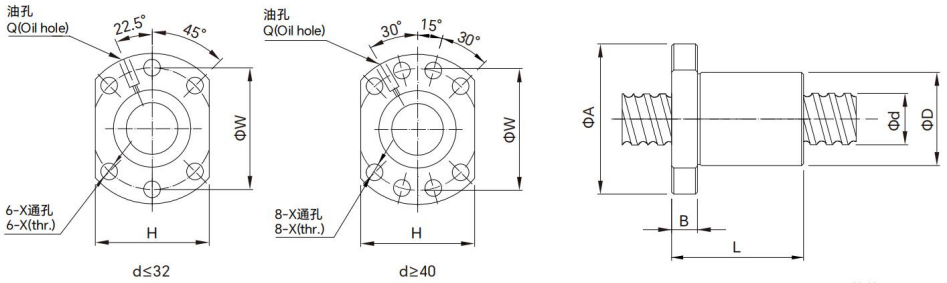
单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension									动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/μm	Kg
DFU1604-4	16	4	2.381	28	48	10	80	38	40	5.5	M6	1x4	973	2406	43	0.308
DFU1605-4 ☆		5	3.175	28	48	10	100	38	40	5.5	M6	1x4	1380	3052	44	0.27
DFU1610-3 ☆		10	3.175	28	48	10	118	38	40	5.5	M6	1x3	1103	2401	35	0.33
DFU2004-4	20	4	2.381	36	58	10	80	47	44	6.6	M6	1x4	1066	2987	51	0.48
DFU2005-4		5	3.175	36	58	10	101	47	44	6.6	M6	1x4	1551	3875	53	0.512
DFU2504-4	25	4	2.381	40	62	10	80	51	48	6.6	M6	1x4	1180	3795	60	0.548
DFU2505-4		5	3.175	40	62	10	101	51	48	6.6	M6	1x4	1724	4904	62	0.532
DFU2510-4 ☆		10	4.762	40	62	12	145	51	48	6.6	M6	1x4	2954	7295	67	0.808
DFU3204-4	32	4	2.381	50	80	12	80	65	62	9	M6	1x4	1296	4838	71	0.956
DFU3205-4		5	3.175	50	80	12	102	65	62	9	M6	1x4	1922	6343	74	0.946
DFU3210-4 ☆		10	6.35	50	80	12	162	65	62	9	M6	1x4	4805	12208	82	1.278
DFU4005-4 ☆	40	5	3.175	63	93	14	105	78	70	9	M8	1x4	2110	7988	87	1.486
DFU4010-4		10	6.35	63	93	14	165	78	70	9	M8	1x4	5399	15500	99	2.18
DFU5010-4 ☆	50	10	6.35	75	110	16	171	93	85	11	M8	1x4	6004	19614	117	3.052
DFU5020-4 ☆		20	7.144	75	110	16	280	93	85	11	M8	1x4	7142	22588	126	4.200
DFU6310-4 ☆	63	10	6.35	90	125	18	182	108	95	11	M8	1x4	6719	25358	139	4.175
DFU6320-4		20	9.525	95	135	20	290	115	100	13.5	M8	1x4	11444	36653	152	8.362
DFU8010-4	80	10	6.35	105	145	20	182	125	110	13.5	M8	1x4	7346	31953	156	4.806
DFU8020-4		20	9.525	125	165	25	295	145	130	13.5	M8	1x4	12911	47747	187	16.66
DFU10020-4	100	20	9.525	150	202	30	340	170	155	17.5	M8	1x4	14303	60698	222	26.4

注：有☆记号可制作左螺纹 Note: ☆ Left Helix Available

法兰型 SFU 系列 Flange Type SFU Series





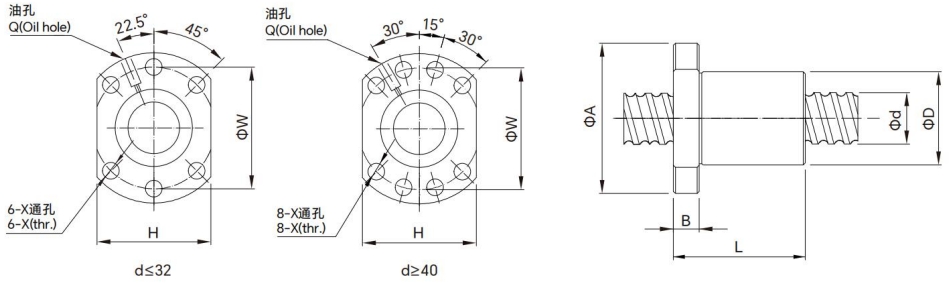
单位 Unit : mm

型号 Model No.	直径 d	导程 l	珠径 Da	螺母尺寸 Dimension									动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFU1204-3 ☆	12	4	2.381	22/24	42	8	35	32	30	4.5	M5	1x3	902	1884	26	0.138
SFU1604-4	16	4	2.381	28	48	10	40	38	40	5.5	M6	1x4	973	2406	32	0.184
SFU1605-3/4 ☆		5	3.175	28	48	10	42/50	38	40	5.5	M6	1x3/4	1380	3052	32	0.19
SFU1610-2/3 ☆		10	3.175	28	48	10	44/57	38	40	5.5	M6	1x2/3	1103	2401	26	0.22
SFU2004-4	20	4	2.381	36	58	10	42	47	44	6.6	M6	1x4	1066	2987	38	0.294
SFU2005-3/4 ☆		5	3.175	36	58	10	44/51	47	44	6.6	M6	1x3/4	1551	3875	38	0.316
SFU2010-2/3		10	3.175	36	58	10	44/60	47	44	6.6	M6	1x4/3	1551	3875	38	0.32
SFU2504-4	25	4	2.381	40	62	10	42	51	48	6.6	M6	1x4	1180	3795	43	0.384
SFU2505-3/4 ☆		5	3.175	40	62	10	44/51	51	48	6.6	M6	1x3/4	1724	4904	45	0.35
SFU2510-3/4 ☆		10	4.762	40	62	12	70/85	51	48	6.6	M6	1x3/4	2954	7295	50	0.484
SFU3204-4	32	4	2.381	50	80	12	44	65	62	9	M6	1x4	1296	4838	51	0.658
SFU3205-4 ☆		5	3.175	50	80	12	52	65	62	9	M6	1x4	1922	6343	54	0.588
SFU3210-3/4 ☆		10	6.35	50	80	12	74/90	65	62	9	M6	1x3/4	4805	12208	61	0.832
SFU4005-3/4	40	5	3.175	63	93	14	45/55	78	70	9	M8	1x4	2110	7988	63	0.97
SFU4010-3/4 ☆		10	6.35	63	93	14	74/93	78	70	9	M8	1x3/4	5399	15500	73	1.246
SFU5005-4	50	5	3.175	75	110	16	55	93	85	11	M6	1x4	6004	19614	85	1.82
SFU5010-4 ☆		10	6.35	75	110	16	93	93	85	11	M8	1x4	6004	19614	85	1.82
SFU05020-4 ☆		20	7.144	75	110	16	138	93	85	11	M8	1x4	7142	22588	94	2.674
SFU6310-4 ☆	63	10	6.35	90	125	18	98	108	95	11	M8	1x4	6719	25358	99	2.576
SFU6320-4		20	9.525	95	135	20	149	115	100	13.5	M8	1x4	11444	36653	112	4.888
SFU8010-4 ☆	80	10	6.35	105	145	20	98	125	110	13.5	M8	1x4	7346	31953	109	9.016
SFU8020-4		20	9.525	125	165	25	154	145	130	13.5	M8	1x4	12911	47747	138	9.016
SFU10020-4	100	20	9.525	150	202	30	180	170	155	17.5	M8	1x4	14303	60698	162	10

注 : 有☆记号可制作左螺纹 Note: ☆ Left Helix Available

强防尘 SFNU 系列 Strong Dust-proof SFNU Series





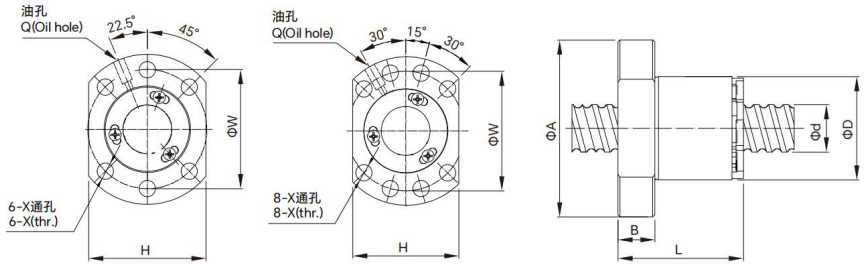
单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension									动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/μm	Kg
SFNU1204-4 ☆	12	4	2.381	24	40	10	40	32	30	4.5	M6	1x4	902	1884	26	0.138
SFNU1605-4 ☆	16	5	3.175	28	48	10	45	38	40	5.5	M6	1x4	1380	3052	32	0.19
SFNU1610-3 ☆		10	3.175	28	48	10	57	38	40	5.5	M6	1x3	1103	2401	26	0.22
SFNU2005-4 ☆	20	5	3.175	36	58	10	51	47	44	6.6	M6	1x4	1551	3875	39	0.316
SFNU2505-4 ☆	25	5	3.175	40	62	10	51	51	48	6.6	M6	1x4	1724	4904	45	0.35
SFNU2510-4 ☆		10	4.762	40	62	12	80	51	48	6.6	M6	1x4	2954	7295	50	0.484
SFNU3205-4 ☆	32	5	3.175	50	80	12	52	65	62	9	M6	1x4	1922	6343	54	0.588
SFNU3210-4 ☆		10	6.350	50	80	12	85	65	62	9	M6	1x4	4805	12208	61	0.832
SFNU4005-4 ☆	40	5	3.175	63	93	14	55	78	70	9	M8	1x4	2110	7988	63	0.97
SFNU4010-4 ☆		10	6.350	63	93	14	88	78	70	9	M8	1x4	5399	15500	73	1.246
SFNU5010-4 ☆	50	10	6.350	75	110	16	88	93	85	11	M8	1x4	6004	19614	85	1.82
SFNU6310-4 ☆	63	10	6.350	90	125	18	93	108	95	11	M8	1x4	6719	25358	99	2.576
SFNU8010-4	80	10	6.350	105	145	20	93	125	110	13.5	M8	1x4	7346	31953	109	3.1

注 : 有☆记号可制作左螺纹 Note: ☆ Left Helix Available

高速低噪音 SFS 系列 High Speed Low Noise SFS Series



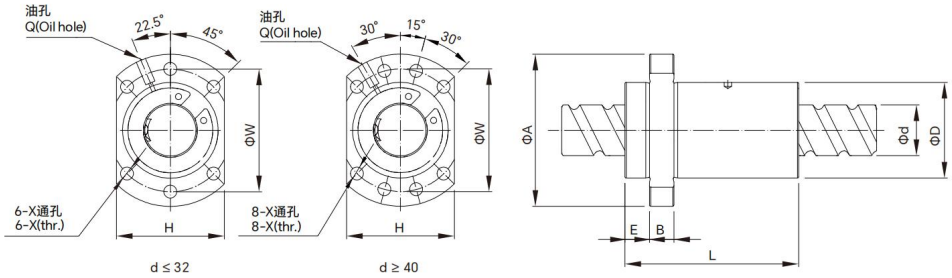


单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension									动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFS1205-2.8	12	5	2.5	24	40	10	31	32	30	4.5	M6	2.8x1	661	1316	19	0.11
SFS1210-2.8		10	2.5	24	40	10	48.5	32	30	4.5	M6	2.8x1	642	1287	19	0.144
SFS1605-3.8	15	5	2.778	28	48	10	38	38	40	5.5	M6	3.8x1	1112	2507	30	0.184
SFS1610-2.8		10	2.778	28	48	10	47	38	40	5.5	M6	2.8x1	839	1821	23	0.212
SFS1616-1.8		16	2.778	28	48	10	45	38	40	5.5	M6	1.8x1	552	1137	14	0.208
SFS1620-1.8		20	2.778	28	48	10	57	38	40	5.5	M6	1.8x1	554	1170	14	0.24
SFS2005-3.8	20	5	3.175	36	58	10	40	47	44	6.6	M6	3.8x1	1484	3681	37	0.246
SFS2010-3.8		10	3.175	36	58	10	60	47	44	6.6	M6	3.8x1	1516	3833	40	0.336
SFS2020-1.8		20	3.175	36	58	10	57	47	44	6.6	M6	1.8x1	764	1758	19	0.332
SFS2505-3.8	25	5	3.175	40	62	10	40	51	48	6.6	M6	3.8x1	1650	4658	43	0.27
SFS2510-3.8		10	3.175	40	62	12	62	51	48	6.6	M6	3.8x1	1638	4633	45	0.384
SFS2525-1.8		25	3.175	40	62	12	70	51	48	6.6	M6	1.8x1	843	2199	22	0.43
SFS3205-3.8	32	5	3.175	50	80	12	42	65	62	9	M6	3.8x1	1839	6026	51	0.65
SFS3210-3.8	31	10	3.969	50	80	13	62	65	62	9	M6	3.8x1	2460	7255	55	0.65
SFS3220-2.8		20	3.969	50	80	12	80	65	62	9	M6	2.8x1	1907	5482	43	0.8
SFS3232-1.8		32	3.969	50	80	13	84	65	62	9	M6	1.8x1	1257	3426	27	0.84
SFS4005-3.8	40	5	3.175	63	93	15	45	78	70	9	M8	3.8x1	2018	7589	60	0.808
SFS4010-3.8	38	10	6.35	63	93	14	63	78	70	9	M8	3.8x1	5035	13943	67	1.026
SFS4020-2.8		20	6.35	63	93	14	82	78	70	9	M8	2.8x1	3959	10715	54	1.282
SFS4040-1.8		40	6.35	63	93	15	105	78	70	9	M8	1.8x1	2585	6648	34	1.518
SFS5005-3.8	50	5	3.175	75	110	15	45	93	85	11	M8	3.8x1	2207	9542	68	1.098
SFS5010-3.8	48	10	6.35	75	110	18	68	93	85	11	M8	3.8x1	5638	17852	79	1.458
SFS5020-3.8		20	6.35	75	110	18	108	93	85	11	M8	3.8x1	5749	18485	87	2.172
SFS5050-1.8		50	6.35	75	110	18	125	93	85	11	M8	1.8x1	2946	8749	42	2.486

强防尘低噪音 SFA 系列 Strong Dust-proof Low Noise SFA Series



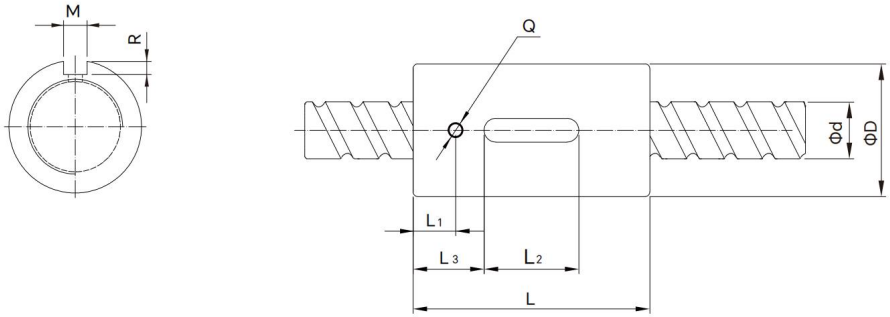


单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension										动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	E	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFA1205-2.8	12	5	2.5	24	40	5	10	30	32	30	4.5	M6	2.8×1	661	1316	19	0.112
SFA1210-2.8		10	2.5	24	40	5	10	42	32	30	4.5	M6	2.8×1	642	1287	19	0.13
SFA1605-3.8	15	5	2.778	28	48	5	10	31	38	40	5.5	M6	3.8×1	1112	2507	30	0.168
SFA1610-2.8		10	2.778	28	48	5	10	42	38	40	5.5	M6	2.8×1	839	1821	23	0.198
SFA1616-1.8		16	2.778	28	48	5	10	43	38	40	5.5	M6	1.8×1	552	1137	14	0.202
SFA1620-1.8		20	2.778	28	48	5	10	50	38	40	5.5	M6	1.8×1	554	1170	14	0.222
SFA2005-3.8	20	5	3.175	36	58	7	10	33	47	44	6.6	M6	3.8×1	1484	3681	37	0.245
SFA2010-3.8		10	3.175	36	58	7	10	52	47	44	6.6	M6	3.8×1	1516	3833	40	0.33
SFA2020-1.8		20	3.175	36	58	7	10	52	47	44	6.6	M6	1.8×1	764	1758	19	0.332
SFA2505-3.8	25	5	3.175	40	62	7	10	33	51	48	6.6	M6	3.8×1	1650	4658	43	0.272
SFA2510-3.8		10	3.175	40	62	7	12	52	51	48	6.6	M6	3.8×1	1638	4633	45	0.35
SFA2525-1.8		25	3.175	40	62	7	12	60	51	48	6.6	M6	1.8×1	843	2199	22	0.415
SFA3205-3.8	32	5	3.175	50	80	9	12	35	65	62	9	M6	3.8×1	1839	6026	51	0.462
SFA3210-3.8	31	10	3.969	50	80	9	12	53	65	62	9	M6	3.8×1	2460	7255	55	0.58
SFA3220-2.8		20	3.969	50	80	9	12	72	65	62	9	M6	2.8×1	1907	5482	43	0.742
SFA3232-1.8		32	3.969	50	80	9	12	78	65	62	9	M6	1.8×1	1257	3426	27	0.79
SFA4005-3.8	40	5	3.175	63	93	9	14	39	78	70	9	M8	3.8×1	2018	7589	60	0.808
SFA4010-3.8	38	10	6.35	63	93	9	14	57	78	70	9	M8	3.8×1	5035	13943	67	0.87
SFA4020-2.8		20	6.35	63	93	9	14	78	78	70	9	M8	2.8×1	3959	10715	54	1.15
SFA4040-1.8		40	6.35	63	93	9	14	96	78	70	9	M8	1.8×1	2585	6648	34	1.525
SFA5005-3.8	50	5	3.175	75	110	10.5	15	42	93	85	11	M8	3.8×1	2207	9542	68	0.944
SFA5010-3.8	48	10	6.35	75	110	10.5	18	57	93	85	11	M8	3.8×1	5638	17852	79	1.28
SFA5020-3.8		20	6.35	75	110	10.5	18	98	93	85	11	M8	3.8×1	5749	18485	87	2.05
SFA5050-1.8		50	6.35	75	110	10.5	18	117	93	85	11	M8	1.8×1	2946	8749	42	2.4

直筒型 SCA 系列 Straight Cylinder Type SCA Series



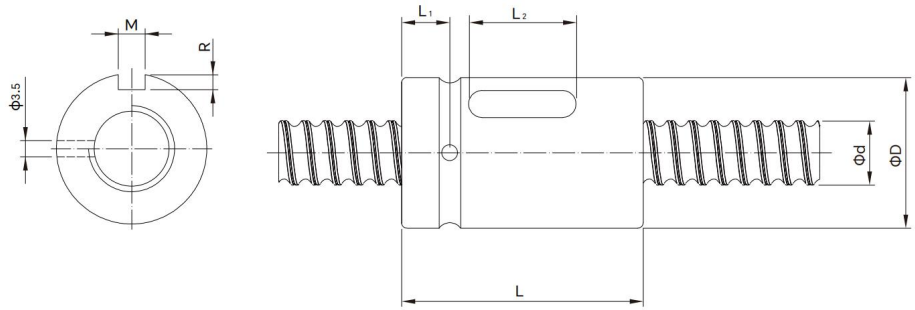


单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension									动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	L	L_1	L_2	L_3	M	R	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SCA1205-4.8	12	5	2.5	24	40	7	12	14	3	1.5	3	4.8x1	1011	2105	34	0.092
SCA1210-2.8		10	2.5	24	45	8	15	15	3	1.5	3	2.8x1	642	1287	19	0.104
SCA1210-1.8		10	2.5	24	40	10.5	12	14	3	1.5	3	1.8x1	439	827	33	0.08
SCA1605-5.8	15	5	2.778	28	45	7	20	12.5	5	3	3	5.8x1	1599	3827	49	0.144
SCA1610-2.8		10	2.778	28	45	7	20	12.5	5	3	3	2.8x1	839	1821	23	0.14
SCA1616-1.8		16	2.778	28	45	7	20	12.5	5	3	3	1.8x1	552	1137	18	0.136
SCA1620-1.8		20	2.778	28	58	10	20	19	5	3	3	1.8x1	554	1170	14	0.17
SCA2005-5.8	20	5	3.175	36	47	8	20	13.5	5	3	3	5.8x1	2134	5619	60	0.214
SCA2010-3.8		10	3.175	36	55	8	20	17.5	5	3	3	3.8x1	1516	3833	40	0.254
SCA2020-1.8		20	3.175	36	55	8	20	17.5	5	3	3	1.8x1	764	1758	19	0.252

直筒强防尘型 SCNI/SCI 系列 Strong Dust-proof SCNI/SCI Series



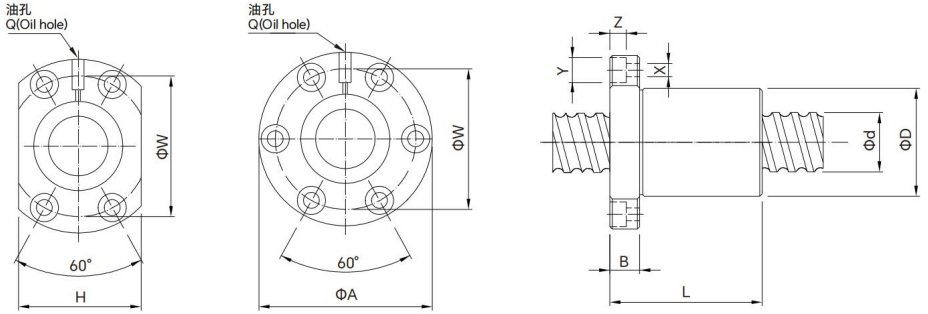


单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension							动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	L	L_1	L_2	M	R	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SCNI1605-4	16	5	3.175	30	45	9	20	5	3	1x4	1380	3052	33	0.146
SCNI2005-4	20	5	3.175	34	45	9	20	5	3	1x4	1551	3875	39	0.17
SCNI2505-4	25	5	3.175	40	45	9	20	5	3	1x4	1724	4904	45	0.226
SCNI2510-4		10	4.762	46	85	13	30	5	3	1x4	2954	7295	51	0.664
SCNI3205-4	32	5	3.175	46	45	9	20	5	3	1x4	1922	6343	52	0.252
SCNI3210-4		10	6.35	54	85	13	30	5	3	1x4	4805	12208	62	0.784
SCNI4005-4	40	5	3.175	56	45	9	20	5	3	1x4	2110	7988	59	0.406
SCNI4010-4		10	6.35	62	85	13	30	5	3	1x4	5399	15500	72	0.932
SCNI5010-4	50	10	6.35	72	85	13	30	5	3	1x4	6004	19614	83	1.21
SCNI6310-4	63	10	6.35	85	85	13	30	6	3.5	1x4	6719	25358	95	1.52
SCNI8010-4	80	10	6.35	105	85	13	30	8	4.5	1x4	7346	31953	109	2.292
SCI1604-4	16	4	2.381	30	40	9	15	3	1.5	1x4	973	2406	32	0.14
SCI2004-4	20	4	2.381	34	40	9	15	3	1.5	1x4	1066	2987	37	0.16
SCI2504-4	25	4	2.381	40	40	9	15	3	1.5	1x4	1180	3795	43	0.22
SCI3204-4	32	4	2.381	46	40	9	15	3	1.5	1x4	1296	4838	49	0.2

法兰型 SFI 系列 Flange Type SFI Series



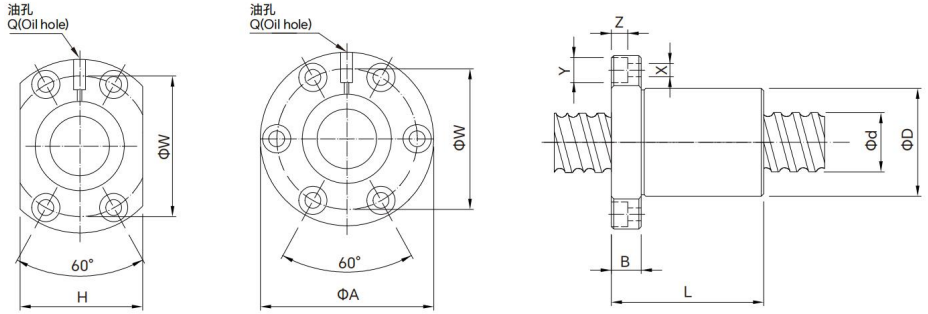


单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension												动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	x	Y	Z	Q	n		Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFI1604-4	16	4	2.381	30	49	10	45	39	34	4.5	8	4.5	M6	1x4		973	2406	32	0.246
SFI1605-4		5	3.175	30	49	10	50	39	34	4.5	8	4.5	M6	1x4		1380	3052	33	0.220
SFI1610-3		10	3.175	34	58	10	57	45	34	5.5	9.5	5.5	M6	1x3		1103	2401	27	0.382
SFI2004-4	20	4	2.381	34	57	11	46	45	40	5.5	9.5	5.5	M6	1x4		1066	2987	37	0.312
SFI2005-4		5	3.175	34	57	11	51	45	40	5.5	9.5	5.5	M6	1x4		1551	3875	39	0.308
SFI2504-4	25	4	2.381	40	63	11	46	51	46	5.5	9.5	5.5	M6	1x4		1180	3795	43	0.386
SFI2505-4		5	3.175	40	63	11	51	51	46	5.5	9.5	5.5	M8	1x4		1724	4904	45	0.396
SFI2510-4		10	4.762	46	72	12	85	58	52	6.5	11	6.5	M6	1x4		2954	7295	51	0.802
SFI3204-4	32	4	2.381	46	72	12	47	58	52	6.5	11	6.5	M6	1x4		1296	4838	49	0.46
SFI3205-4		5	3.175	46	72	12	52	58	52	6.5	11	6.5	M8	1x4		1922	6343	52	0.472
SFI3210-4		10	6.35	54	88	15	90	70	62	9	14	8.5	M8	1x4		4805	12208	62	1.14
SFI4005-4	40	5	3.175	56	90	15	55	72	64	9	14	8.5	M8	1x4		2110	7988	59	0.840
SFI4010-4		10	6.35	62	104	18	93	82	70	11	17.5	11	M8	1x4		5399	15500	72	1.548
SFI5010-4	50	10	6.35	72	114	18	93	92	82	11	17.5	11	M8	1x4		6004	19614	83	1.924
SFI6310-4	63	10	6.35	85	131	22	98	107	95	14	20	13	M8	1x4		6719	25358	95	2.674
SFI8010 4	80	10	6.35	105	150	22	98	127	115	14	20	13	M8	1x4		7346	31953	109	3.90

强防尘 SFNI 系列 Strong Dust-proof SFNI Series





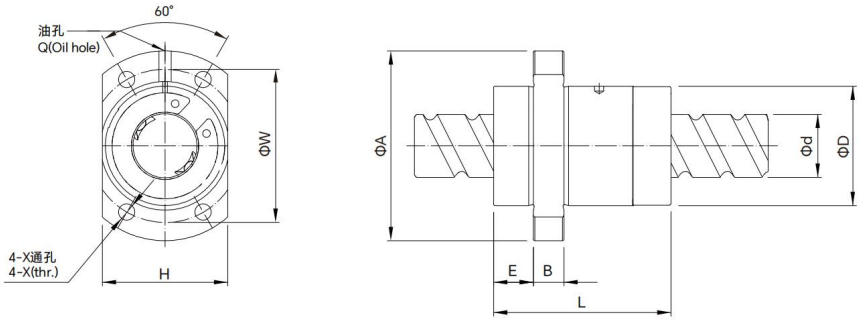
单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension												动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Y	Z	Q	n		Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFNI1605-4 ☆	16	5	3.175	30	49	10	45	39	34	4.5	8	4.5	M6	1x4		1380	3052	33	0.22
SFNI1610-3 ☆		10	3.175	34	58	10	57	45	34	5.5	9.5	5.5	M6	1x3		1103	2401	27	0.382
SFNI2005-4 ☆	20	5	3.175	34	57	11	51	45	40	5.5	9.5	5.5	M6	1x4		1551	3875	39	0.308
SFNI2505-4 ☆	25	5	3.175	40	63	11	51	51	46	5.5	9.5	5.5	M8	1x4		1724	4904	45	0.396
SFNI2510-4 ☆		10	4.762	46	72	12	80	58	52	6.5	11	6.5	M6	1x4		2954	7295	51	0.802
SFNI3205-4 ☆	32	5	3.175	46	72	12	52	58	52	6.5	11	6.5	M8	1x4		1922	6343	52	0.472
SFNI3210-4 ☆		10	6.35	54	88	15	85	70	62	9	14	8.5	M8	1x4		4805	12208	62	1.14
SFNI4005-4 ☆	40	5	3.175	56	90	15	55	72	64	9	14	8.5	M8	1x4		2110	7988	59	0.84
SFNI4010-4 ☆		10	6.35	62	104	18	88	82	70	11	17.5	11	M8	1x4		5399	15500	72	1.548
SFNI5010-4 ☆	50	10	6.35	72	114	18	88	92	82	11	17.5	11	M8	1x4		6004	19614	83	1.924
SFNI6310-4	63	10	6.35	85	131	22	93	107	95	14	20	13	M8	1x4		6719	25358	95	2.674
SFNI8010-4	80	10	6.35	105	150	22	93	127	115	14	20	13	M8	1x4		7346	31953	109	3.9

注 : 有☆记号可制作左螺纹　Note: ☆ Left Helix Available

大导程 SFY 系列 Big Lead SFY Series





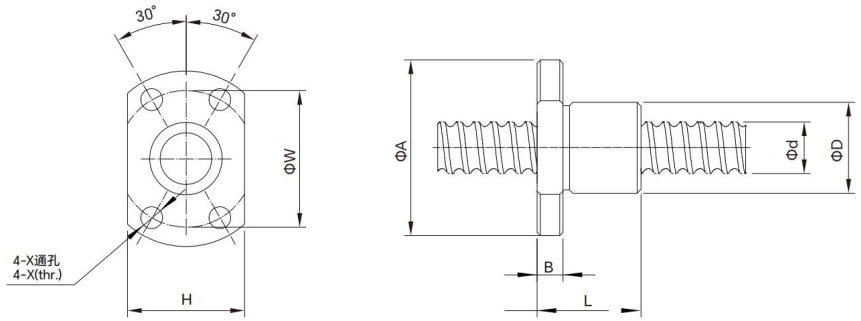
单位 Unit : mm

一倍导程公称型号 Large Lead Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension										动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	E	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFY1616-3.6	16	16	2.778	32	53	10.1	10	45	42	34	4.5	M6	1.8x2	1073	2551	31	0.238
SFY2020-3.6	20	20	3.175	39	62	13	10	52	50	41	5.5	M6	1.8x2	1387	3515	37	0.38
SFY2525-3.6	25	25	3.969	47	74	15	12	64	60	49	6.6	M6	1.8x2	2074	5494	45	0.652
SFY3232-3.6	32	32	4.762	58	92	17	12	78	74	60	9	M6	1.8x2	3021	8690	58	1.168
SFY4040-3.6	40	40	6.35	73	114	19.5	15	99	93	75	11	M6	1.8x2	4831	14062	70	2.288
SFY5050-3.6	50	50	7.938	90	135	21.5	20	117	112	92	14	M6	1.8x2	7220	21974	86	4.12

二倍导程公称型号 Twin Lead Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension										动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	E	B	L	W	H	X	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFY1632-1.6	16	32	2.778	32	53	10.1	10	42.5	42	34	4.5	M6	0.8x2	493	1116	11	0.222
SFY2040-1.6	20	40	3.175	39	62	13	10	48	50	41	5.5	M6	0.8x2	653	1597	15	0.348
SFY2550-1.6	25	50	3.969	47	74	15	12	58	60	49	6.6	M6	0.8x2	976	2495	19	0.596
SFY3264-1.6	32	64	4.762	58	92	17	12	71	74	60	9	M6	0.8x2	1374	3571	22	1.066
SFY4080-1.6	40	80	6.35	73	114	19.5	15	90	93	75	11	M6	0.8x2	2273	6387	29	2.096
SFY50100-1.6	50	100	7.938	90	135	21.5	20	111	112	92	14	M6	0.8x2	3398	9980	35	3.818

微型 SFK 系列 Mini Type SFK Series





单位 Unit : mm

型号 Model No.	轴径 d	导程 l	珠径 Da	螺母尺寸 Dimension											动静额定负荷 Load Rating		刚性 Rigidity	重量 Weight
				D	A	B	L	W	H	X	Y	Z	Q	n	Ca(kgf)	Coa(kgf)	Kgf/um	Kg
SFK0401	4	1	0.8	10	20	3	12	15	14	2.9	–	–	–	1x2	64	97	5	0.024
SFK0601	6	1	0.8	12	24	3.5	15	18	16	3.4	–	–	–	1x3	111	224	9	0.018
SFK0801 ☆	8	1	0.8	14	27	4	16	21	18	3.4	–	–	–	1x4	161	403	14	0.027
SFK0802 ☆		2	1.2	14	27	4	16	21	18	3.4	–	–	–	1x3	222	458	13	0.026
SFK082.5		2.5	1.2	16	29	4	26	23	20	3.4	–	–	–	1x3	221	457	13	0.038
SFK1002 ☆	10	2	1.2	18	35	5	28	27	22	4.5	–	–	–	1x3	243	569	15	0.056
SFK1004		4	2	26	46	10	34	36	28	4.5	8	4.5	M6	1x3	468	905	17	0.068
SFK1202 ☆	12	2	1.2	20	37	5	28	29	24	4.5	–	–	–	1x4	334	906	22	0.062
SFK1402 ☆	14	2	1.2	21	40	6	23	31	26	5.5	–	–	–	1x4	354	1053	24	0.081
SFK1602 ☆	16	2	1.2	25	43	10	40	35	29	5.5	–	–	M6	1x4	373	1200	26	0.236

注 : 有☆记号可制作左螺纹 Note: ☆ Left Helix Available

YIDI MOTION

专注精密传动部件



滚珠丝杠支撑座
BALL SCREW BRACKETS

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支撑座选型 Bracket Selection

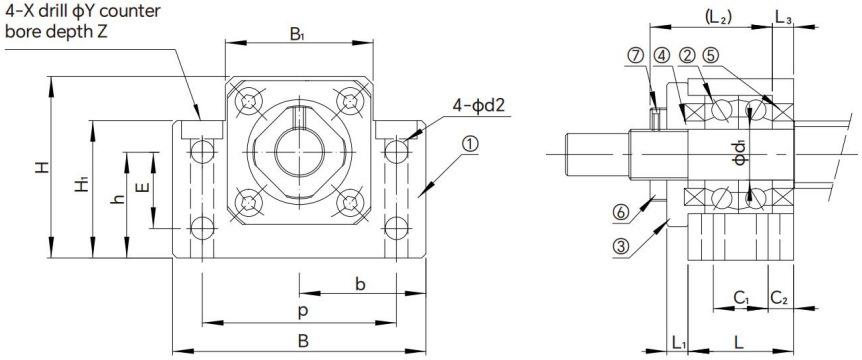
固定侧支撑座内径 Fixed-side support unit ID (mm)	固定侧支撑座适用型号 Fixed-side support unit applicable model	支撑侧支撑座内径 Supported-side support unit iD (mm)	支撑侧支撑座适用型号 Supported-side support unit applicable model	通用滚珠丝杠外径 Applicale Ball Screw OD (mm)
5	EK05	-	-	ϕ6
	FK05			
6	EK06	6	EF06	ϕ8
	FK06		FF06	
8	EK08	6	EF08	ϕ10
	FK08		FF08	
10	EK10	8	EF10	ϕ12，ϕ14，ϕ15
	FK10		FF10	
	BK10		BF10	
	AK10		AF10	
12	EK12	10	EF12	ϕ14，ϕ15，ϕ16
	FK12		FF12	
	BK12		BF12	
	AK12		AF12	
15	EK15	15	EF15	ϕ18，ϕ20
	FK15		FF15	
	BK15		BF15	
	AK15		AF15	
17	BK17	17	BF17	ϕ20，ϕ25
	FK17		FF17	
20	EK20	20	EF20	ϕ25，ϕ28
	FK20		FF20	
	BK20		BF20	
	AK20		AF20	
25	EK25	25	EF25	ϕ32，ϕ36
	FK25		FF25	
	BK25		BF25	
	AK25		AF25	
30	FK30	30	FF30	ϕ36，ϕ40，ϕ45
	BK30		BF30	
35	BK35	35	BF35	ϕ45
40	BK40	40	BF40	ϕ50
	FK40		FF40	
50	BK50	50	BF50	ϕ63，ϕ80
60	BK60	60	BF60	ϕ80，ϕ100

支撑座固定端 BK 系列 Bracket Fixed Side BK Series



型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	压板 /Holding lid	1
4	间隔圈 /Collar	2
5	轴封 /Seal	1(2)
6	锁固螺帽 /Lock nut	1
7	内六角止付螺丝付铜片 / Hexagon socket-head Setscrew(With set piece)	2

4-X通孔φY沉头孔深Z
4-X drill φY counter bore depth Z



单位 Unit : mm

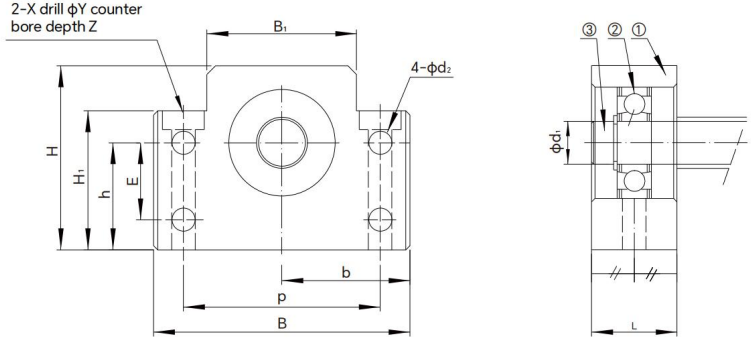
型号 Model No.	轴径 Shaft Diameter d_1	L	L_1	L_2	L_3	B	H	b ±0.02	h ±0.02	B_1	H_1	E	P	C_1	C_2	d_2	X	Y	Z	M	T	使用轴承 Bearing	重量 Weight (kg)
BK10	10	25	5	29	5	60	39	30	22	34	32.5	15	46	13	6	5.5	6.6	10.8	5	M3	16	6000/7000ZZ	0.36
BK12	12	25	5	29	5	60	43	30	25	34	32.5	18	46	13	6	5.5	6.6	10.8	1.5	M4	19	6001/7001ZZ	0.4
BK15	15	27	6	32	6	70	48	35	28	40	38	18	54	15	6	5.5	6.6	11	6.5	M4	22	6002/7002ZZ	0.46
BK17	17	35	9	44	7	86	64	43	39	50	55	28	68	19	8	6.6	9	14	8.5	M4	24	6203/7203ZZ	1.22
BK20	20	35	8	43	8	88	60	44	34	52	50	22	70	19	8	6.6	9	14	8.5	M4	30	6004/7004ZZ	1.22
BK25	25	42	12	54	9	106	80	53	48	64	70	33	85	22	10	9	11	17.5	11	M6	35	6205/7205ZZ	2.22
BK30	30	45	14	61	9	128	89	64	51	76	78	33	102	23	11	11	14	20	13	M6	40	6206/7206ZZ	3.18
BK35	35	50	14	67	12	140	96	70	52	88	79	35	114	26	12	11	14	20	13	M6	50	6207/7207ZZ	4.12
BK40	40	61	18	76	15	160	110	80	60	100	90	37	130	33	14	14	18	26	17.5	M6	50	6208/7208ZZ	6.5
BK50	50	70	23	93	25	170	130	85	70	106	95	40	138	42	14	14	18	26	18	M8	60	6210/7210ZZ	9.16
BK50-1	50	65	15	93	18	180	120	90	65	110	100	-	150	37	14	14	18	26	18	M8	60	6210/7210ZZ	9.16
BK60	60	65	15	-	15	190	130	95	70	120	105	-	155	33	-	-	18	26	18	M8	70	6212/7212ZZ	12

支撑座支持端 BF 系列 Bracket Floated Side BF Series



型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	C 型扣环 /Snap ring	1

2-X通孔φY沉头孔深Z
2-X drill φY counter bore depth Z



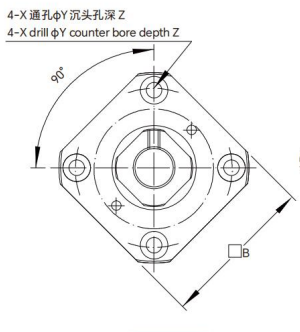
单位 Unit : mm

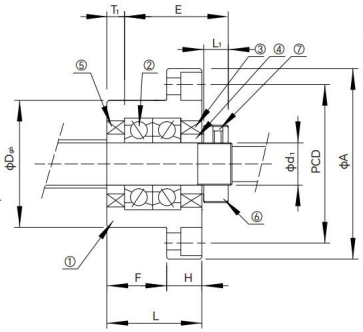
型号 Model No.	轴径 Shaft Diameter d_1	L	B	H	b ±0.02	h ±0.02	B_1	H_1	E	P	d_2	X	Y	Z	使用轴承 Bearing	使用 C 型扣环 Using C-type Cramp Ring	重量 Weight (kg)
BF10	8	20	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5	608ZZ	S08	0.26
BF12	10	20	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5	6000ZZ	S10	0.3
BF15	15	20	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5	6002ZZ	S15	0.34
BF17	17	23	86	64	43	39	50	55	28	68	6.6	9	14	8.5	6203ZZ	S17	0.68
BF20	20	26	88	60	44	34	52	50	22	70	6.6	9	14	8.5	6004ZZ	S08	0.68
BF25	25	30	106	80	53	48	64	70	33	85	9	11	17.5	11	6205ZZ	S25	1.34
BF30	30	32	128	89	64	51	76	78	33	102	11	14	20	13	6206ZZ	S30	1.84
BF35	35	32	140	96	70	52	88	79	35	114	11	14	20	13	6207ZZ	S35	2.12
BF40	40	37	160	110	80	60	100	90	37	130	14	18	26	17.5	6208ZZ	S40	3.14
BF50	50	40	170	130	85	70	106	95	40	138	14	18	26	18	6210ZZ	S50	4.13
BF50-1	50	45	180	120	90	65	110	100	-	150	-	18	26	18	6210ZZ	S50	4.13
BF60	60	45	190	130	95	70	120	105	-	155	-	18	26	18	6212ZZ	S60	7.66

支撑座固定端 FK 系列 Bracket Fixed Side FK Series

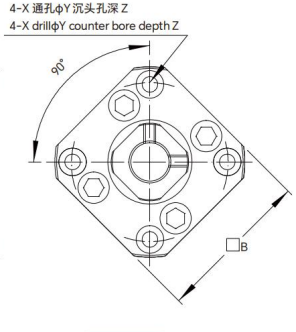


型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	压板 /Holding lid	1
4	间隔圈 /Collar	2
5	轴封 /Seal	2
6	锁固螺帽 /Lock nut	1 组 /1set
7	内六角止付螺丝付铜片 / Hexagon socket-head Setscrew(With set piece)	2





FK05-FK08



FK10-FK30

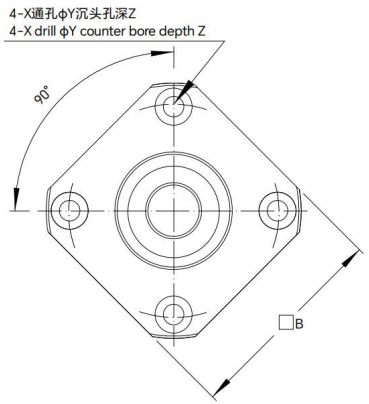
单位 Unit : mm

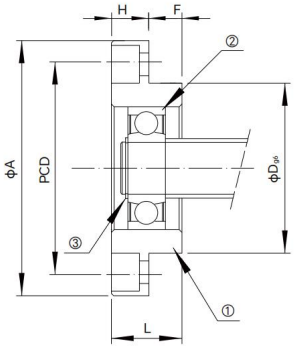
型号 Model No.	轴径 Shaft Diameter d_1	L	H	F	E	Dg6	A	PDC	B	装置方法 A		X	Y	Z	M	T	使用轴承 Bearing	重量 Weight (kg)
										L_1	T_1							
FK05	5	16.5	6	10.5	18.5	20 $^{-0.007}_{-0.02}$	34	26	26	5.5	3.5	3.4	6.5	4	M3	11	605ZZ	0.18
FK06	6	20	7	13	22	22 $^{-0.007}_{-0.02}$	36	28	28	5.5	3.5	3.4	6.5	4	M3	12	606/706ZZ	0.20
FK08	8	23	9	14	26	28 $^{-0.007}_{-0.02}$	43	35	35	7	4	3.4	6.5	4	M3	14	608/708ZZ	0.22
FK10	10	27	10	17	29.5	34 $^{-0.009}_{-0.025}$	52	42	42	7.5	5	4.5	8	4	M3	16	6000/7000ZZ	0.21
FK12	12	27	10	17	29.5	36 $^{-0.009}_{-0.025}$	54	44	44	7.5	5	4.5	8	4	M4	19	6001/7001ZZ	0.23
FK15	15	32	15	17	36	40 $^{-0.009}_{-0.025}$	63	50	52	10	6	5.5	9.5	6	M4	22	6002/7002ZZ	0.34
FK17	17	45	22	23	47	50 $^{-0.009}_{-0.025}$	77	62	61	11	9	6.6	11	10	M4	24	6203/7203ZZ	0.73
FK20	20	52	22	30	50	57 $^{-0.010}_{-0.029}$	86	70	68	8	10	6.6	11	10	M4	30	6204/7204ZZ	1.02
FK25	25	57	27	30	60	63 $^{-0.010}_{-0.029}$	98	80	79	13	10	9	15	13	M6	35	6205/7205ZZ	1.42
FK30	30	62	30	32	61	75 $^{-0.010}_{-0.029}$	117	95	93	11	12	11	17.5	15	M6	40	6206/7206ZZ	2.18
FK40	40	74	32	42	76	95 $^{-0.012}_{-0.034}$	142	120	106	20	16	11	17.5	15	M6	50	6208/7208ZZ	3.49

支撑座支持端 FF 系列 Bracket Floated Side FF Series



型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	C 型扣环 /Snap ring	1





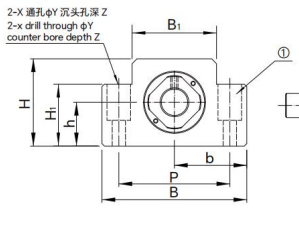
单位 Unit : mm

型号 Model No.	轴径 Shaft Diameter d_1	L	H	F	Dg6	A	PDC	B	X	Y	Z	使用轴承 Bearing	使用 C 型扣环 Using C-type Cramp Ring	重量 Weight (kg)
FF06	6	10	6	4	22 $^{-0.007}_{-0.02}$	36	28	28	3.4	6.5	4	606ZZ	S06	0.03
FF10	8	12	7	5	28 $^{-0.007}_{-0.02}$	43	35	35	3.4	6.5	4	608ZZ	S08	0.05
FF12	10	15	7	8	34 $^{-0.009}_{-0.025}$	52	42	42	4.5	8	4	6000ZZ	S10	0.09
FF15	15	17	9	8	40 $^{-0.009}_{-0.025}$	63	50	52	5.5	9.5	5.5	6002ZZ	S15	0.16
FF17	17	20	11	9	50 $^{-0.009}_{-0.025}$	77	62	61	6.6	11	6.5	6203ZZ	S17	0.29
FF20	20	20	11	9	57 $^{-0.010}_{-0.029}$	85	70	68	6.6	11	6.5	6004ZZ	S20	0.38
FF25	25	24	14	10	63 $^{-0.010}_{-0.029}$	98	80	79	9	14	8.5	6205ZZ	S25	0.56
FF30	30	27	18	9	75 $^{-0.010}_{-0.029}$	117	95	93	11	17.5	11	6206ZZ	S30	0.94
FF40	40	33	21	12	95 $^{-0.012}_{-0.034}$	142	120	106	11	17.5	11	6208ZZ	S40	1.45

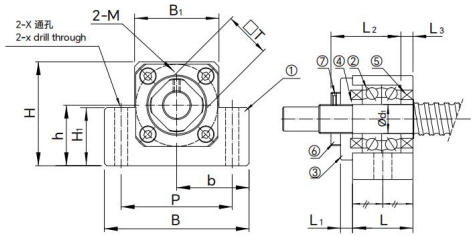
支撑座固定端 EK 系列 Bracket Fixed Side EK Series



型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	压板 /Holding lid	1
4	间隔圈 /Collar	2
5	轴封 /Seal	1(2)
6	锁固螺帽 /Lock nut	1
7	内六角止付螺丝付铜片 / Hexagon socket-head Setscrew(With set piece)	2



EK06-EK08



EK10-EK25

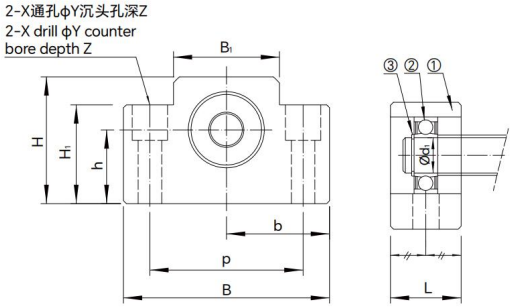
单位 Unit : mm

型号 Model No.	轴径 Shaft Diameter d_1	L	L_1	L_2	L_3	B	H	b ±0.02	h ±0.02	B_1	H_1	P	X	Y	Z	M	T	使用轴承 Bearing	重量 Weight (kg)
EK05	5	16.5	5.5	18.5	3.5	36	21	18	11	20	8	28	4.5	-	-	M3	11	605ZZ	0.18
EK06	6	20	5.5	22	3.5	42	25	21	13	18	20	30	5.5	9.5	11	M3	12	606/706ZZ	0.20
EK08	8	23	7	26	4	52	32	26	17	25	26	38	6.6	11	12	M3	14	608/708ZZ	0.22
EK10	10	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-	M3	16	6000/7000ZZ	0.4
EK12	12	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-	M4	19	6001/7001ZZ	0.4
EK15	15	25	6	36	5	80	49	40	30	41	25	60	11	-	-	M4	22	6002/7002ZZ	0.5
EK20	20	42	10	50	10	95	58	47.5	30	56	25	75	11	-	-	M4	30	6204/7204ZZ	1.24
EK25	25	48	12	59	14	105	68	52.5	35	66	25	85	11	-	-	M6	35	6205/7205ZZ	1.92

支撑座支持端 EF 系列 Bracket Floated Side EF Series



型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	C 型扣环 /Snap ring	1



EF06-EF08　　EF10-EF25

单位 Unit : mm

型号 Model No.	轴径 Shaft Diameter d_1	L	B	H	b ±0.02	h ±0.02	B_1	H_1	P	X	Y	Z	使用轴承 Bearing	**使用 C 型扣环** Using C-type Cramp Ring	重量 Weight (kg)
EF06	6	12	42	25	21	13	18	20	30	5.5	9.5	11	606ZZ	S06	0.10
EF08	6	14	52	32	26	17	25	26	38	6.6	11	12	606ZZ	S06	0.12
EF10	8	20	70	43	35	25	36	24	52	9	-	-	608ZZ	S08	0.28
EF12	10	20	70	43	35	25	36	24	52	9	-	-	6000ZZ	S10	0.28
EF15	15	20	80	49	40	30	41	25	60	9	-	-	6002ZZ	S15	0.34
EF20	20	26	95	58	47.5	30	56	25	72	11	-	-	6204ZZ	S20	0.57
EF25	25	30	105	68	52.5	35	66	25	85	11	-	-	6205ZZ	S25	0.95

支撑座固定端 AK 系列 Bracket Fixed Side AK Series



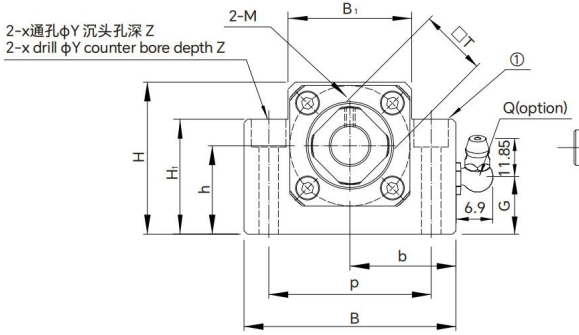
AK10-AK15



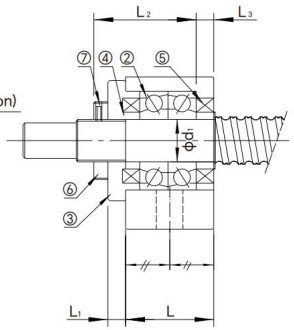
AK20



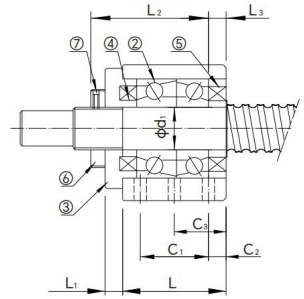
AK25



AK10-AK25



AK10-AK15



AK20-AK25

型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	压板 /Holding lid	1
4	间隔圈 /Collar	2
5	轴封 /Seal	2
6	锁固螺帽 /Lock nut	1 组 /1set
7	内六角止付螺丝付铜片 / Hexagon socket-head Setscrew(With set piece)	2

单位 Unit : mm

型号 Model No.	轴径 Shaft Diameter d_1	L	L_1	L_2	L_3	B	H	b ±0.02	h ±0.02	B_1	H_1	P	X	Y	Z	M	T	C_1	C_2	C_3	G	Q	使用轴承 Bearing	重量 Weight (kg)
AK10	10	24	6	29.5	6	70	43	35	25	36	35	52	9	14	11	M3	16	-	-	-	20	M6	6000/7000ZZ	0.5
AK12	12	24	6	29.5	6	70	43	35	25	36	35	52	9	14	11	M4	19	-	-	-	20	M6	6001/7001zz	0.5
AK15	15	25	6	36	5	80	49	40	30	41	40	60	11	17	15	M4	22	-	-	-	21	M6	6002/7002zz	0.62
AK20	20	42	10	50	10	95	58	47.5	30	56	45	75	11	17	15	M4	30	22	10	-	24	M6	6204/7204zz	1.43
AK25	25	48	12	59	14	105	68	52.5	35	66	25	85	11	-	-	M6	35	30	9	24	58	-	6205/7205zz	1.92

支撑座支持端 AF 系列 Bracket Floated Side AF Series

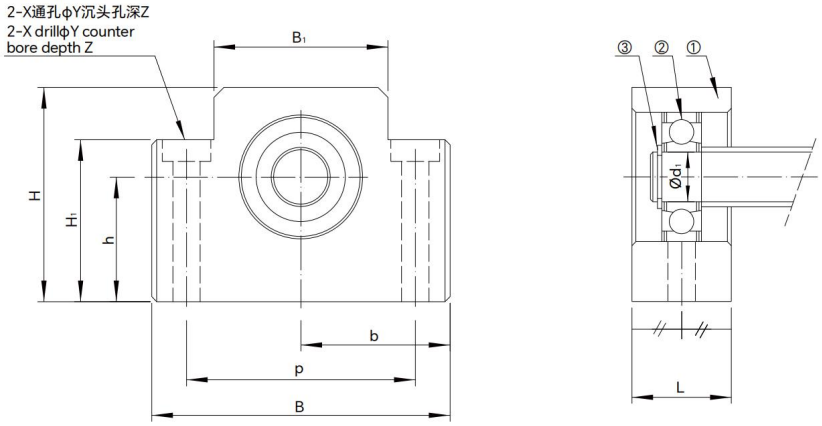


AF10-AF20



AF25

型号 Model No.	部品名称 Part Name	数量 Qty
1	轴承座本体 /Housing	1
2	轴承 /Bearing	1 组 /1set
3	C 型扣环 /Snap ring	1



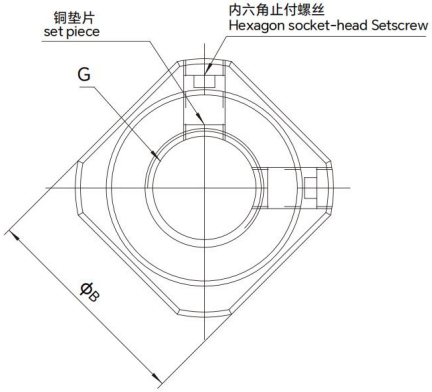
单位 Unit : mm

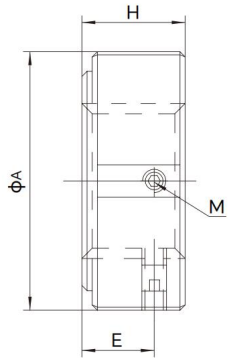
型号 Model No.	轴径 Shaft Diameter d_1	L	B	H	b ±0.02	h ±0.02	B_1	H_1	P	X	Y	Z	使用轴承 Bearing	使用 C 型扣环 Using C-type Cramp Ring	重量 Weight (kg)
AF10	8	20	70	43	35	25	36	35	52	9	14	11	608ZZ	S08	0.36
AF12	10	20	70	43	35	25	36	35	52	9	14	11	6000ZZ	S10	0.36
AF15	15	20	80	49	40	30	41	40	60	9	14	11	6002ZZ	S15	0.44
AF20	20	26	95	58	47.5	30	56	45	75	11	17	15	6204ZZ	S20	0.73
AF25	25	30	105	68	52.5	35	66	25	85	11	-	-	6205ZZ	S25	0.95

锁紧螺帽 RN 系列 Locknut RN Series



型号 Model No.	部品名称 Part Name	数量 Qty
6	锁固螺帽 /Lock nut	1 组 /1set
7	内六角止付螺丝付铜片 / Hexagon socket-head Setscrew(With set piece)	2



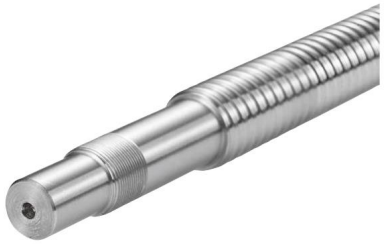


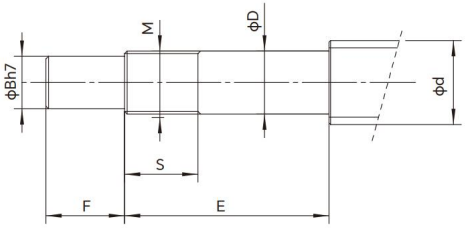
单位 Unit : mm

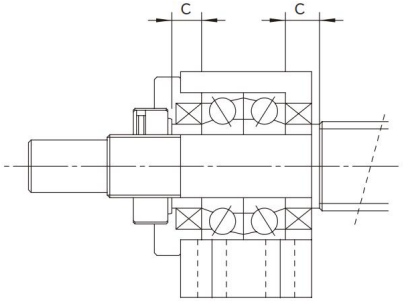
型号 Model No.	H	A	E	M	B	G
RN05 RN05-N	5	12.5	2.7	M3X0.5	11	M5X0.5
RN06 RN06-N	5	13.5	2.7	M3X0.5	12	M6X0.75
RN08 RN08-N	6.5	16.4	4	M3X0.5	14	M8X1.0
RN10 RN10-N	8	19	5.5	M3X0.5	16	M10X1.0
RN12 RN12-N	8	22.8	5.5	M4X0.7	19	M12X1.0
RN15 RN15-N	8	25.8	4.75	M4X0.7	22	M15X1.0

型号 Model No.	H	A	E	M	B	G
RN17 RN17-N	13	29	9	M4	24	M17X1.0
RN20 RN20-N	11	35	7	M4	30	M20X1.0
RN25 RN25-N	15	43	10	M6	35	M25X1.5
RN30 RN30-N	20	48	14	M6	40	M30X1.5
RN35 RN35-N	21	60	14	M6	50	M35X1.5
RN40 RN40-N	25	62	18	M6	50	M40X1.5

固定端 BK 加工尺寸 Fixed Side BK Machining Size







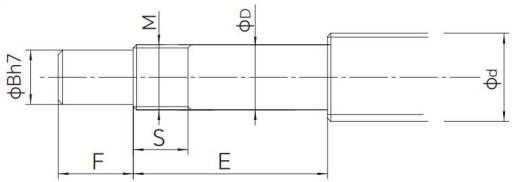
BK

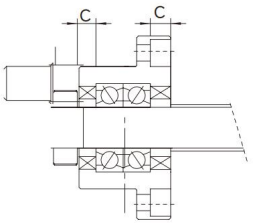
单位 Unit : mm

型号 Model No.	滚珠丝杠 轴外径 Shaft Support OD	轴段部外径 Shaft Support OD				公称螺纹 Metric Screw Thread		套筒长度 Ferrule Length
BK 型	d	D	B	E	F	M	S	C
BK10	12/14/15	$10^{-0.006}_{-0.014}$	8	39	15	M10×1	14	5
BK12	14/15/16	$12^{-0.006}_{-0.014}$	10	39	15	M12×1	14	5
BK15	18/20	$15^{-0.008}_{-0.015}$	12	40	20	M15×1	12	6
BK17	20/25	$17^{-0.008}_{-0.015}$	15	53	23	M17×1	17	7
BK20	25/28	$20^{-0.008}_{-0.017}$	17	53	25	M20×1	15	8
BK25	32/36	$25^{-0.008}_{-0.017}$	20	66	30	M25×1.5	20	9
BK30	36/40/45	$30^{-0.008}_{-0.017}$	25	72	38	M30×1.5	25	9
BK35	45	$35^{-0.008}_{-0.017}$	30	81	45	M35×1.5	28	12
BK40	50	$40^{-0.008}_{-0.02}$	35	98	50	M40×1.5	35	15

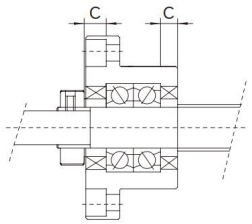
固定端 FK/EK/AK 加工尺寸 Fixed Side FK / EK /AK Machining Size



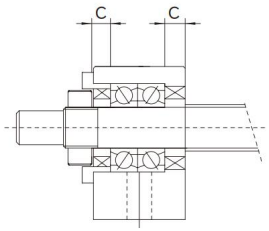




FK



FK

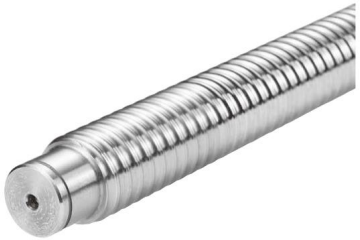


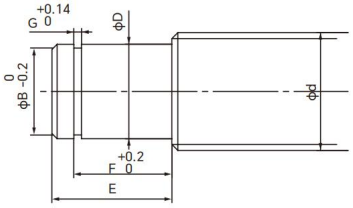
EK/AK

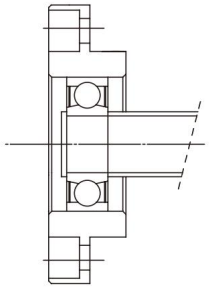
单位 Unit : mm

型号 Model No.			滚珠丝杠轴外径 Shaft Support OD	轴段部外径 Shaft Support OD				公称螺纹 Metric Screw Thread		套筒长度 Ferrule Length
FK 型	EK 型	AK 型	d	D	B	E	F	M	S	C
FK05	EK05	-	8	5 -0.005 -0.012	4	25	6	M5×0.5	7	3.5
FK06	EK06	-	8	6 -0.005 -0.012	4	28	8	M6×0.75	8	5
FK08	EK08	-	10/12	8 -0.005 -0.012	6	32	9	M8×1	10	5.5
FK10	EK10	AK10	12/14/15	10 -0.006 -0.014	8	36	15	M10×1	11	5.5
FK12	EK12	AK12	14/15/16	12 -0.006 -0.014	10	36	15	M12×1	11	5.5
FK15	EK15	AK15	18/20	15 -0.008 -0.015	12	47	20	M15×1	13	10
FK17	-	-	20/25	17 -0.008 -0.015	15	58	23	M17×1	15	10
FK20	EK20	AK20	25/28/30	20 -0.008 -0.017	17	62	25	M20×1	17	11
FK25	-	-	30/32/36	25 -0.008 -0.017	20	76	30	M25×1.5	20	15
FK30	-	-	36/40	30 -0.008 -0.017	25	72	38	M30×1.5	25	9

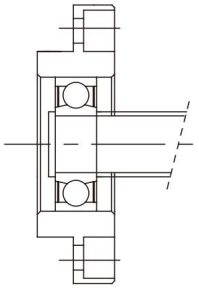
支持端 FF/EF/BF/AF 加工尺寸 Floated Side FF/EF/BF/AF Machining Size



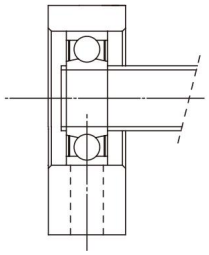




FF



FF



EF/BF/AF

单位 Unit : mm

型号 Model No.				滚珠丝杠轴外径 Shaft Support OD	轴段部外径 Shaft Support OD				
FF 型	EF 型	BF 型	AF 型	d	D	E	B	F	G
FF06	EF06	-	-	8	6 -0.005 -0.012	9	5.7	6.8	0.8
-	EF08	-	-	10	6 -0.005 -0.012	9	5.7	6.8	0.8
FF10	EF10	BF10	AF10	12/14/15	8 -0.006 -0.014	10	7.6	7.9	0.9
FF12	EF12	BF12	AF12	14/15/16	10 -0.006 -0.014	11	9.6	9.15	1.15
FF15	EF15	BF15	AF15	18/20	15 -0.006 -0.014	13	14.3	10.15	1.15
FF17	-	BF17	-	20/25	17 -0.008 -0.015	16	16.2	13.15	1.15
FF20	EF20	(BF20)Note	AF20	25/28/30	20 -0.008 -0.015	19(16)	19	15.35(13.35)	1.35
FF25	-	BF25	-	30/32/36	25 -0.008 -0.015	20	23.9	16.35	1.35
FF30	-	BF30	-	36/40	30 -0.008 -0.015	21	28.6	17.75	1.75
-	-	BF35	-	40/45	35 -0.008 -0.015	22	33	18.75	1.75
-	-	BF40	-	50	40 -0.008 -0.02	23	38	19.95	1.95

YIDI MOTION

专注精密传动部件



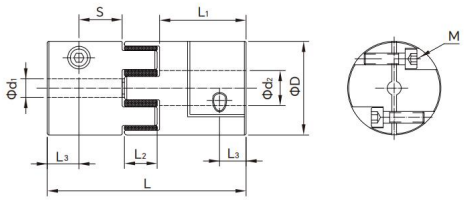
联轴器 / 螺母座

COUPLING / NUT HOUSING

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梅花 MH 系列 Coupling MH Series

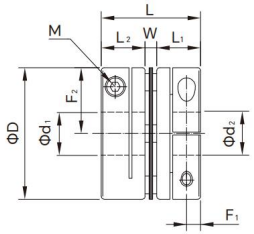




型号 Model No.	d_1/d_2 孔径 最小 (mm)	d_1/d_2 孔径 最大 (mm)	D (mm)	L (mm)	L_1 (mm)	L_2 (mm)	L_3 (mm)	S (mm)	螺丝尺寸 M	拧紧力矩 (N.m)	额定扭矩 (N.m)	最大扭矩 (N.m)	最高转速 (RPM)	惯性力矩 ($kg.m^2$)	静态扭矩刚性 (N.m/rad)	容许偏心 (mm)	容许偏角 (°)	轴向偏差 (mm)
MH-D14L22	3	6.35	14	22	6.5	9	3	3.5	M2.5	1	1.5	3	19000	$1.0*10^{-7}$	46	0.02	1	±0.6
MH-D20L25	3	10	20	25	8	8	3.5	4.5	M3	1.5	2.8	5.6	17000	$1.0*10^{-6}$	55	0.02	1	±0.6
MH-D20L30	3	10	20	30	10	10	3.5	6.5	M3	1.5	2.8	5.6	17000	$1.0*10^{-6}$	55	0.02	1	±0.6
MH-D25L30	4	12	25	30	10	10	5	5	M3	1.5	6	12	16000	$5.2*10^{-6}$	63	0.02	1	±0.6
MH-D25L35	4	12	25	35	12.5	10	5	7.5	M3	1.5	6	12	16000	$5.2*10^{-6}$	63	0.02	1	±0.6
MH-D30L35	5	16	30	35	11.5	12	5	6.5	M4	2.5	6.5	13	15000	$6.2*10^{-6}$	72	0.02	1	±0.6
MH-D30L42	5	16	30	42	15	12	5	10	M4	2.5	6.5	13	15000	$6.2*10^{-6}$	72	0.02	1	±0.6
MH-D30L50	5	16	30	50	20	12	5	15	M4	2.5	6.5	13	15000	$6.2*10^{-6}$	72	0.02	1	±0.6
MH-D35L50	5	19	35	50	19	12	5	14	M4	2.5	15	30	14000	$8.1*10^{-6}$	200	0.02	1	±0.6
MH-D40L40	5	20	40	40	13	14	5	8	M4	2.5	32	64	13000	$8.1*10^{-6}$	260	0.02	1	±0.6
MH-D40L50	5	22	40	50	16.5	14	8	8.5	M5	5	32	64	13000	$3.8*10^{-5}$	450	0.02	1	±0.6
MH-D40L55	5	22	40	55	19.5	14	9	10.5	M6	8	32	64	13000	$3.8*10^{-5}$	500	0.02	1	±0.6
MH-D40L66	5	22	40	66	26	14	9	17	M6	8	32	64	13000	$3.8*10^{-5}$	550	0.02	1	±0.6
MH-D40L75	5	22	40	75	26	14	9	24	M6	8	32	64	13000	$3.8*10^{-5}$	600	0.02	1	±0.6
MH-D40L85	5	22	40	85	35	15	9	24	M6	8	32	64	13000	$3.9*10^{-5}$	650	0.02	1	±0.6
MH-D45L55	6	25	45	55	20.5	14	9	11.5	M6	8	40	80	12000	$5.9*10^{-5}$	750	0.02	1	±0.6
MH-D45L66	6	25	45	66	26	14	9	17	M6	8	40	80	12000	$5.9*10^{-5}$	800	0.02	1	±0.6
MH-D45L75	6	25	45	75	26	14	9	26	M6	8	40	80	12000	$6.9*10^{-5}$	825	0.02	1	±0.6
MH-D45L80	6	25	45	80	32.5	15	9	23.5	M6	8	40	80	12000	$6.9*10^{-5}$	850	0.02	1	±0.6
MH-D45L85	6	25	45	85	35	15	9	26	M6	8	40	80	12000	$6.9*10^{-5}$	850	0.02	1	±0.6
MH-D55L66	8	30	55	66	25	16	13	12	M8	8	46	92	10500	$1.8*10^{-3}$	1400	0.02	1	±0.6
MH-D55L78	8	30	55	78	31	16	13	18	M8	20	46	92	10500	$1.8*10^{-3}$	1500	0.02	1	±0.6
MH-D55L95	8	30	55	95	31	16	13	33.5	M8	20	46	92	10500	$1.8*10^{-3}$	1550	0.02	1	±0.6
MH-D55L110	8	30	55	110	46.5	17	13	33.5	M8	20	46	92	10500	$2.0*10^{-3}$	1600	0.02	1	±0.6
MH-D65L80	10	38	65	80	31.5	17	13	18.5	M8	20	110	220	8300	$3.8*10^{-3}$	2600	0.02	1	±0.6
MH-D65L90	10	38	65	90	36.5	17	13	23.5	M8	20	110	220	8300	$3.8*10^{-3}$	2800	0.02	1	±0.6
MH-D65L110	10	38	65	110	46.5	17	13	33.5	M8	20	110	220	8300	$2.0*10^{-3}$	3000	0.02	1	±0.6
MH-D65L130	10	38	65	130	56.5	17	13	43.5	M8	20	110	220	8300	$2.0*10^{-3}$	3200	0.02	1	±0.6
MH-D80L90	14	45	80	90	35	20	15	20	M10	40	135	270	7000	$1.8*10^{-3}$	3200	0.02	1	±0.6
MH-D80L114	14	45	80	114	47	20	15	32	M10	40	135	270	7000	$1.8*10^{-3}$	3500	0.02	1	±0.6
MH-D80L130	14	45	80	130	55	20	15	32	M10	40	135	270	7000	$1.8*10^{-3}$	3500	0.02	1	±0.6
MH-D95L126	16	55	95	126	52	22	20	32	M12	75	260	520	6000	$3.2*10^{-3}$	4600	0.02	1	±0.6
MH-D95L150	16	55	95	150	64	22	20	44	M12	75	260	520	6000	$3.2*10^{-3}$	4600	0.02	1	±0.6
MH-D105L140	19	65	105	140	58.5	23	20	38.5	M12	75	430	860	5500	$4.5*10^{-3}$	5800	0.02	1	±0.6

单膜片 SMP 系列 Single Diaphragm Coupling SMP Series

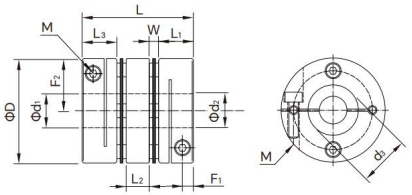




型号 Model No.	d_1/d_2 孔径		D (mm)	L (mm)	L_1 (mm)	L_2 (mm)	W (mm)	F_1 (mm)	d_3 (mm)	螺丝尺寸 M	拧紧力矩 (N.m)	额定扭矩 (N.m)	最大扭矩 (N.m)	最高转速 (RPM)	惯性力矩 (kg·m²)	静态扭矩刚性 (N.m/rad)	容许偏心 (mm)	容许偏角 (°)	轴向偏差 (mm)
	最小 (mm)	最大 (mm)																	
SMP-D19L19	3	8	19	19	9	9	1	3	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
SMP-D19L22	3	8	19	22	9	12	1	3	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
SMP-D19L25	3	8	19	25	12	12	1	3	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
SMP-D26L26	4	10	26	26	12	12	2	3.5	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
SMP-D26L29	4	10	26	29	12	15	2	3.5	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
SMP-D26L32	4	10	26	32	15	15	2	3.5	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
SMP-D32L29	4	15	32	29	13.5	13.5	2	3.5	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
SMP-D32L32	4	15	32	32	13.5	16.5	2	3.5	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
SMP-D32L35	4	15	32	35	16.5	16.5	2	3.5	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
SMP-D34L32	4	14	34	32	15	15	2	4.3	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
SMP-D34L37	4	14	34	37	15	20	2	4.3	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
SMP-D34L42	4	14	34	42	20	20	2	4.3	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
SMP-D39L34	6	19	39	34	15	15	4	4.5	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D39L39	6	19	39	39	15	20	4	4.5	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D39L44	6	19	39	44	20	20	4	4.5	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D44L35	8	22	44	35	15.5	15.5	4	4.6	22	M5	2.5	10	19	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D44L40	8	22	44	40	15.5	20.5	4	4.6	22	M5	2.5	10	19	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D44L45	8	22	44	45	20.5	20.5	4	4.6	22	M5	2.5	10	19	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
SMP-D50L41	8	26	50	41	18	18	5	5	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
SMP-D50L49	8	26	50	49	18	26	5	5	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
SMP-D50L57	8	26	50	57	26	26	5	5	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
SMP-D56L45	10	30	56	45	20	20	5	5.7	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
SMP-D56L53	10	30	56	53	20	28	5	5.7	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
SMP-D56L61	10	30	56	61	28	28	5	5.7	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
SMP-D68L54	12	35	68	54	24	24	6	6.5	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
SMP-D68L62	12	35	68	62	24	32	6	6.5	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
SMP-D68L70	12	35	68	70	32	32	6	6.5	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
SMP-D82L68	14	45	82	68	30	30	8	8.5	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
SMP-D82L78	14	45	82	78	30	40	8	8.5	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
SMP-D82L88	14	45	82	88	40	40	8	8.5	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
SMP-D94L69	19	50	94	69	30	30	9	10	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
SMP-D94L79	19	50	94	79	30	40	9	10	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
SMP-D94L89	19	50	94	89	40	40	9	10	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
SMP-D104L70	20	55	104	70	30	30	10	10	48	M10	16	255	510	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2
SMP-D104L80	20	55	104	80	30	40	10	10	48	M10	16	255	510	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2
SMP-D104L90	20	55	104	90	40	40	10	10	48	M10	16	255	510	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2

双膜片 DMP 系列 Double Diaphragm Coupling DMP Series

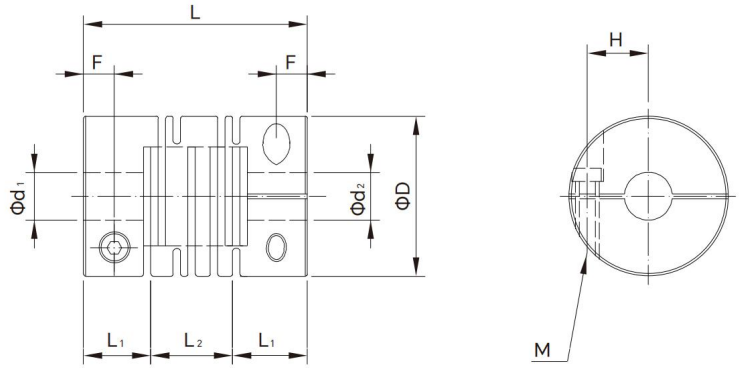




型号 Model No.	d_1/d_2 孔径		D (mm)	L (mm)	L_1 (mm)	L_3 (mm)	W (mm)	L_2 (mm)	d_3 (mm)	螺丝尺寸 M	拧紧力矩 (N.m)	额定扭矩 (N.m)	最大扭矩 (N.m)	最高转速 (RPM)	惯性力矩 (kg·m²)	静态扭矩刚性 (N.m/rad)	容许偏心 (mm)	容许偏角 (°)	轴向偏差 (mm)
	最小 (mm)	最大 (mm)																	
DMP-D19L26	3	8	19	26	9	9	1	6	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
DMP-D19L29	3	8	19	29	9	12	1	6	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
DMP-D19L32	3	8	19	32	12	12	1	6	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
DMP-D19L35	3	8	19	35	12	12	1	9	8	M3	0.8	2	4	10000	$6.7*10^{-7}$	580	0.02	1	±0.09
DMP-D26L35	4	10	26	35	12	12	2	7	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
DMP-D26L38	4	10	26	38	12	15	2	7	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
DMP-D26L41	4	10	26	41	15	15	2	7	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
DMP-D26L44	4	10	26	44	15	15	2	10	10	M3	1.5	3.5	7	10000	$1.8*10^{-6}$	1250	0.02	1	±0.1
DMP-D32L41	4	15	32	41	13.5	13.5	2	10	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
DMP-D32L44	4	15	32	44	13.5	16.5	2	10	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
DMP-D32L47	4	15	32	47	16.5	16.5	2	10	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
DMP-D32L50	4	15	32	50	16.5	16.5	2	13	16	M3	1.5	5	10	10000	$7.2*10^{-6}$	1800	0.02	1	±0.14
DMP-D34L45	4	14	34	45	15	15	2	11	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
DMP-D34L50	4	14	34	50	15	20	2	11	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
DMP-D34L55	4	14	34	55	20	20	2	11	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
DMP-D34L60	4	14	34	60	20	20	2	16	16	M4	2.5	6	12	10000	$7.2*10^{-6}$	1800	0.02	1	±0.18
DMP-D39L49	6	19	39	49	15	15	4	11	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D39L54	6	19	39	54	15	20	4	11	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D39L59	6	19	39	59	20	20	4	11	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D39L64	6	19	39	64	20	20	4	16	19	M4	2.5	8	16	10000	$1.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D44L50	8	22	44	50	15.5	15.5	4	11	22	M5	2.5	18	36	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D44L55	8	22	44	55	15.5	20.5	4	11	22	M5	2.5	18	36	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D44L60	8	22	44	60	20.5	20.5	4	11	22	M5	2.5	18	36	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D44L65	8	22	44	65	20.5	20.5	4	16	22	M5	2.5	18	36	10000	$2.8*10^{-5}$	3700	0.02	1	±0.18
DMP-D50L57	8	26	50	57	18	18	5	11	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
DMP-D50L65	8	26	50	65	18	26	5	11	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
DMP-D50L73	8	26	50	73	26	26	5	11	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
DMP-D50L81	8	26	50	81	26	26	5	19	26	M5	7	18	36	10000	$2.5*10^{-5}$	3700	0.02	1	±0.2
DMP-D56L63	10	30	56	63	20	20	5	13	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
DMP-D56L71	10	30	56	71	20	28	5	13	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
DMP-D56L79	10	30	56	79	28	28	5	13	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
DMP-D56L87	10	30	56	87	28	28	5	21	29	M5	7	35	70	10000	$1.0*10^{-4}$	8400	0.02	1	±0.2
DMP-D68L74	12	35	68	74	24	24	6	14	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
DMP-D68L82	12	35	68	82	24	32	6	14	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
DMP-D68L90	12	35	68	90	32	32	6	14	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
DMP-D68L98	12	35	68	98	32	32	6	22	39	M6	12	65	130	9000	$1.5*10^{-4}$	11500	0.02	1	±0.2
DMP-D82L98	14	45	82	98	30	30	8	22	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
DMP-D82L108	14	45	82	108	30	40	8	22	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
DMP-D82L118	14	45	82	118	40	40	8	22	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
DMP-D82L128	14	45	82	128	40	40	8	32	44	M8	16	100	200	8000	$1.8*10^{-4}$	14500	0.02	1	±0.2
DMP-D94L100	19	50	94	100	30	30	9	22	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
DMP-D94L110	19	50	94	110	30	40	9	22	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
DMP-D94L120	19	50	94	120	40	40	9	22	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
DMP-D94L130	19	50	94	130	40	40	9	32	48	M10	16	165	320	5000	$1.2*10^{-4}$	40000	0.02	1	±0.2
DMP-D104L102	20	55	104	102	30	30	10	22	48	M10	16	235	470	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2
DMP-D104L112	20	55	104	112	30	40	10	22	48	M10	16	235	470	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2
DMP-D104L122	20	55	104	122	40	40	10	22	48	M10	16	235	470	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2
DMP-D104L132	20	55	104	132	40	40	10	32	48	M10	16	235	470	4000	$1.8*10^{-3}$	80000	0.02	1	±0.2

平行切线弹性 PXQ 系列 Parallel Tangent Elastic Coupling PXQ Series

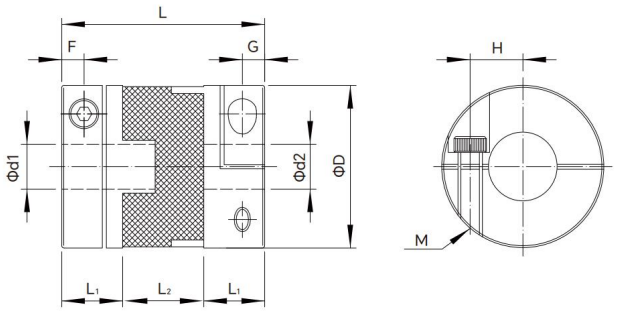




型号 Model No.	d_1/d_2 孔径 最小 (mm)	d_1/d_2 孔径 最大 (mm)	D (mm)	L (mm)	L_1 (mm)	L_2 (mm)	F (mm)	H (mm)	螺丝尺寸 M	拧紧力矩 (N.m)	额定扭矩 (N.m)	最大扭矩 (N.m)	最高转速 (RPM)	惯性力矩 ($kg \cdot m^2$)	静态扭矩刚性 (N.m/rad)	容许偏心 (mm)	容许偏角 (°)	轴向偏差 (mm)
PXQ-D12L18.5	3	5	12	18.5	6	6.5	2.75	3.25	M2	1.5	0.5	1	10000	$8.8*10^{-6}$	110	0.1	1.5	±0.2
PXQ-D16L23	3	6	16	23	8	7	3.75	4.25	M3	1.5	0.5	1	9500	$9.1*10^{-6}$	110	0.1	1.5	±0.2
PXQ-D20L20	4	10	20	20	7.5	5	3.75	6.25	M3	1.5	1	2	7600	$8.8*10^{-6}$	110	0.1	1.5	±0.2
PXQ-D20L26	4	10	20	26	7.5	11	3.75	6.25	M3	1.5	1	2	7600	$9.1*10^{-6}$	100	0.1	1.5	±0.2
PXQ-D25L25	5	12	25	25	10	5	5	7.5	M3	1.5	2	4	6100	$2.3*10^{-5}$	165	0.15	1.5	±0.2
PXQ-D25L31	5	12	25	31	10	11	5	7.5	M3	1.5	2	4	6100	$2.6*10^{-5}$	165	0.15	1.5	±0.2
PXQ-D28L38	6	14	28	38	13	12	6.5	7.5	M4	3.5	3	6	5600	$1.5*10^{-4}$	190	0.15	1.5	±0.2
PXQ-D32L32	6	15	32	32	13	6	6.5	9.5	M4	3.5	4	8	5000	$1.8*10^{-4}$	228	0.15	1.5	±0.2
PXQ-D32L41	6	15	32	41	13	15	6.5	9.5	M4	3.5	4	8	5000	$7.2*10^{-5}$	228	0.15	1.5	±0.2
PXQ-D38L41	8	16	38	41	13	15	6.5	12.5	M5	3.5	7	14	4200	$2.7*10^{-5}$	280	0.2	1.5	±0.2
PXQ-D40L50	8	20	40	50	19.5	11	9.75	10.25	M5	3.5	8	16	3800	$2.7*10^{-5}$	340	0.2	1.5	±0.2
PXQ-D40L56	8	20	40	56	19.5	17	9.75	10.25	M5	3.5	8	16	3800	$9.0*10^{-5}$	340	0.2	1.5	±0.2
PXQ-D50L50	10	28	50	50	19.5	11	9.75	15.25	M6	6	20	40	3100	$2.8*10^{-4}$	700	0.2	1.5	±0.2
PXQ-D50L71	10	28	50	71	19.5	32	9.75	15.25	M6	6	20	40	3100	$2.8*10^{-4}$	700	0.2	1.5	±0.2
PXQ-D63L71	12	35	63	71	27	17	9.75	21.75	M8	8	35	70	3000	$2.8*10^{-4}$	850	0.2	1.5	±0.2
PXQ-D63L90	12	35	63	90	27	36	9.75	21.75	M8	8	35	70	3000	$2.8*10^{-4}$	850	0.2	1.5	±0.2

十字 SZHK 系列 Cross-shaped Coupling SZHK Series



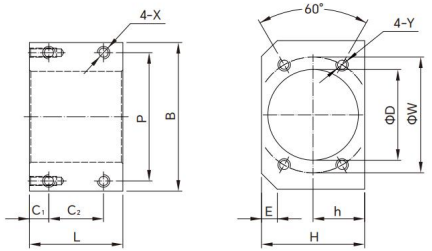


型号 Model No.	d_1/d_2 孔径 最小 (mm)	d_1/d_2 孔径 最大 (mm)	D (mm)	L (mm)	L_1 (mm)	L_2 (mm)	F (mm	H (mm)	螺丝尺寸 M	拧紧力矩 (N.m)	额定扭矩 (N.m)	最大扭矩 (N.m)	最高转速 (RPM)	惯性力矩 ($kg \cdot m^2$)	静态扭矩刚性 (N.m/rad)	容许偏心 (mm)	容许偏角 (°)	轴向偏差 (mm)
SZHK-D20*25	4	10	20	25	9.5	6	3	7	M3	1.5	1.5	3	7000	$1.5*10^{-7}$	60	1.2	3	±0.2
SZHK-D20*33	4	10	20	33	10	12	3	7	M3	1.5	1.5	3	7000	$1.5*10^{-7}$	60	1.2	3	±0.2
SZHK-D25*28	5	12	25	28	10.5	7	3	9.5	M3	1.5	2	4	6100	$3.2*10^{-6}$	130	1.6	3	±0.2
SZHK-D25*39	5	12	25	39	11	17	3	9.5	M3	1.5	2	4	6100	$3.2*10^{-6}$	130	1.6	3	±0.2
SZHK-D32*45	6	15	32	45	12.5	20	5	11	M4	3.5	5	9	4800	$2.6*10^{-5}$	275	2	3	±0.2
SZHK-D34*35	6	17	34	35	13	9	5	11	M4	3.5	5	9	4800	$2.8*10^{-5}$	275	2	3	±0.2
SZHK-D40*50	8	20	40	50	15.5	19	5.5	14.5	M5	8	10	20	3600	$4.2*10^{-5}$	520	2.7	3	±0.2
SZHK-D44*46	8	22	44	46	15.5	15	5.5	16.5	M5	8	13	26	3600	$4.5*10^{-5}$	520	3	3	±0.2
SZHK-D50*58	10	26	50	58	19.5	19	6.5	18.5	M6	13	19	37	3000	$1.1*10^{-4}$	800	3	3	±0.2
SZHK-D55*58	10	28	55	58	20.5	17	6.5	21	M6	13	25	50	3000	$1.3*10^{-4}$	1200	3.2	3	±0.2
SZHK-D63*71	14	35	63	71	24.5	22	8	23.5	M8	28	33	65	2600	$3.5*10^{-4}$	1200	3.5	3	±0.2
SZHK-D70*77	16	37	70	77	26.5	24	8	27	M8	28	56	110	2500	$3.5*10^{-4}$	1200	4	3	±0.2

联轴器 / 螺母座

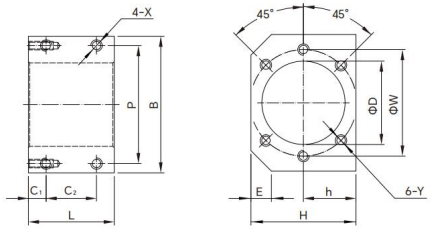
铝制螺母座 BSG/DSG 系列 Aluminum Nut Housing BSG/DSG Series





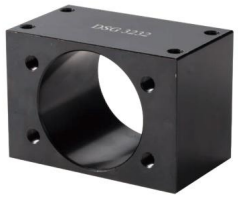
型号 Model No.	配对丝杆 Paired Model	D	B	H	h	E	L	C_1	C_2	P	X	W	Y
BSG1616	1616	32	55	40	20	6	27	6	15	45	M4	42	M4
BSG2020	2020	39	66	47	23.5	8	35	7	20	56	M5	50	M5
BSG2525	2525	47	80	55	27.5	9	34	7.5	20	68	M6	60	M6
BSG3232	3232	58	95	66	33	10	55	10	35	82	M8	74	M8

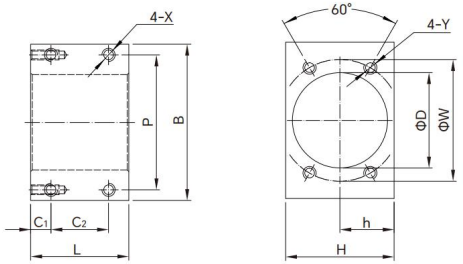




型号 Model No.	配对丝杆 Paired Model	D	B	H	h	E	L	C_1	C_2	P	X	W	Y
DSG12H	1204 1205 1210	22.1 24.1	50	35	15	/	36	6	24	35	M5	32	M4
DSG16H	1605 1610 1616 1620	28	52	40	20	12	40	8	24	40	M5	38	M5
DSG20H	2005 2010 2020	36	62	44	22	12	40	8	24	48	M6	47	M6
DSG25H	2505 2510 2520 2525	40	66	48	24	13	40	8	24	50	M6	51	M6
DSG32H	3205 3210 3220 3232	50	86	62	31	17	40	8	24	66	M8	65	M8
DSG40H	4005 4010 4020 4040	63	100	70	35	19	40	8	24	80	M8	78	M8
DSG50H	5010 5020 5050	75	116	85	42.5	22	46	10	26	92	M8	93	M8

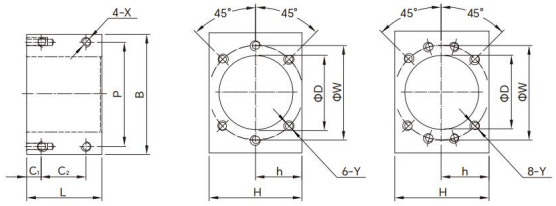
钢制螺母座 DSG/DSG 系列 Steel Nut Housing DSG/DSG Series





型号 Model No.	配对丝杆 Paired Model	D	B	H	h	L	C_1	C_2	P	X	W	Y
DSG 1616	1616	32	55	40	20	27	6	15	45	M4	42	M4
DSG 2020	2020	39	66	47	23.5	35	7.5	20	56	M5	50	M5
DSG 2525	2525	47	80	55	27.5	34	7	20	68	M6	60	M6
DSG 3232	3232	58	95	66	33	55	10	35	82	M8	74	M8
DSG 4040	4040	73	120	90	45	60	10	40	100	M10	93	M10
DSG 5050	5050	90	128	104	52.5	68	9.3	50	110	M12	112	M12



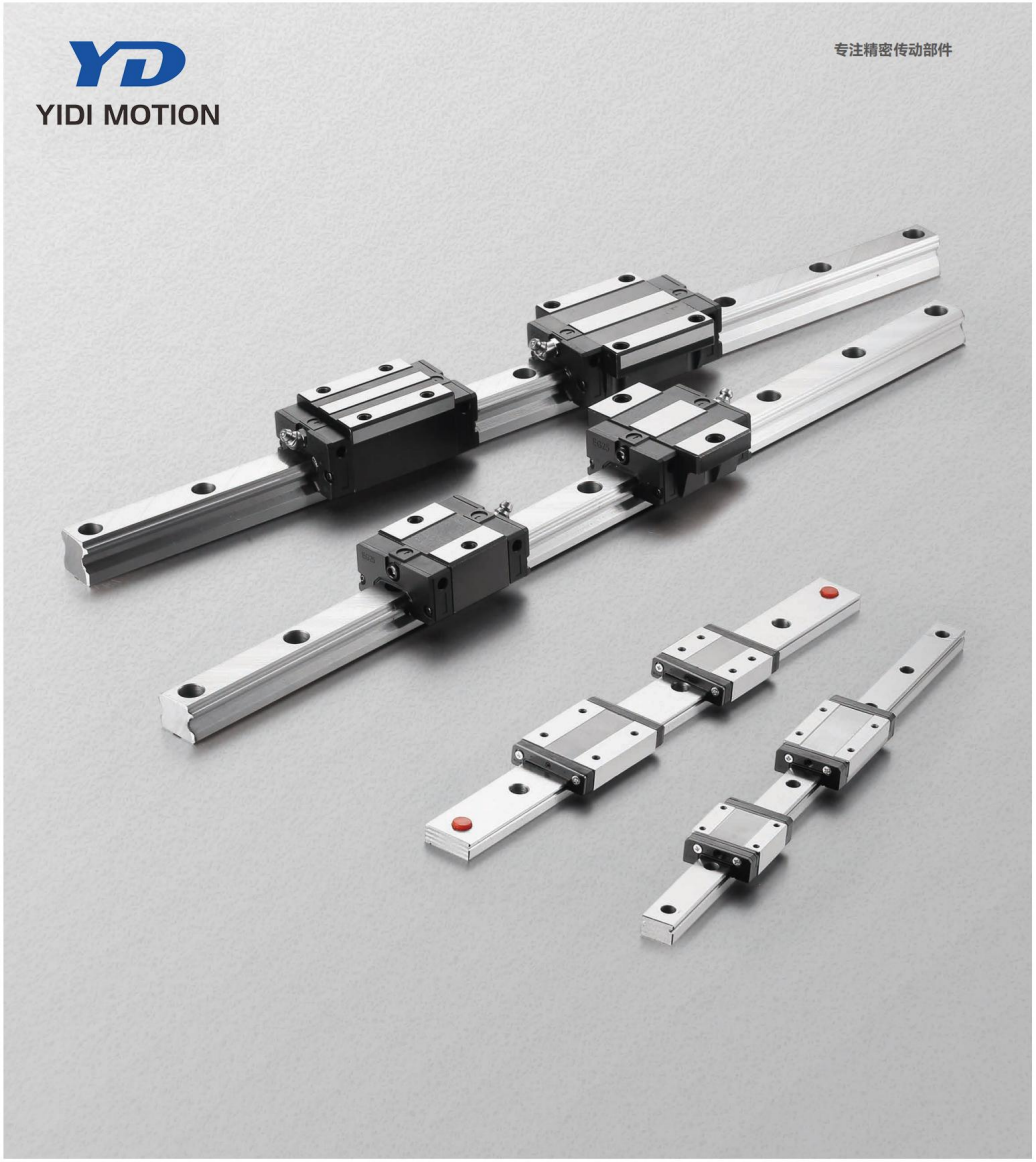


DSG16H-DSG32H　　DSG40H-DSG50H

型号 Model No.	配对丝杆 Paired Model	D	B	H	h	L	C_1	C_2	P	X	W	Y
DSG16H	1605 1610 1616 1620	28	52	40	20	40	8	24	40	M5	38	M5
DSG 20H	2005 2010 2020	36	62	44	22	40	8	24	48	M6	47	M6
DSG 25H	2505 2510 2520 2525	40	66	48	24	40	8	24	50	M6	51	M6
DSG 32H	3205 3210 3220 3232	50	86	62	31	40	8	24	66	M8	65	M8
DSG 40H	4005 4010 4020 4040	63	100	80	40	60	10	40	78	M8	78	M8
DSG 50H	5005 5010 5020 5050	75	120	91	45.5	60	10	40	93	M10	93	M10

YIDI MOTION

专注精密传动部件



线性滑轨
LINEAR GUIDEWAY

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线性滑轨选型 Linear Guideway Selection

非互换性线性滑轨产品型号 Non-interchangeable type:

HG W 25 C A E 2 R 1600 E ZA P II + DD/E2/RC

- HG 系列 Series
- 滑块型式 Block Type
  - W: 法兰型 Flange Type
  - H: 四方型 Square Type
  - L: 四方型 (低)Square Type (Low)
- 尺寸 Model size:
  - 15,20,25,30,35,45,55,65
- 负荷型式 Load Type
  - C: 重负荷 Heavy Load
  - H: 超重负荷 Super Heavy Load
- 滑块固定方式 Block Mounting Type
  - A: 上锁式 Mounting From Top
  - B: 下锁式 Bottom
  - C: 上或下锁式 Top or Bottom
- E: 滑块特殊加工 Special Block
  - 无记号：滑块无特殊加工
  - None: Standard Rail
- 单支滑轨组装的滑块数
  - No.of Blocks per Rail
- 滑轨固定方式 Block Mounting Type
  - R: 上锁式 Mounting From Top
  - T: 下锁式 Bottom
- 滑轨长度 Rail Length(mm)
- E: 滑轨特殊加工 Special Rail
  - 无记号：滑轨无特殊加工
  - None: Standard Rail
- 预压 Preload Cod:
  - Z0, ZA, ZB
- 精度 Precision Code: C,H,P,SP,UP
- 单轴滑轨数 I No.of rails per axis set I
- 防尘配件 [2] Dust Protection[2]
- E2: 自润式 Self-Lubricant
  - SE: 金属端盖式 Metallic End Cap
- RC:
  - 强化型螺栓盖 Reinforced Cap

注：

1. 单轴滑轨数若只使用一支滑轨则不写俩支标记为 II，三支标记为III，以此类推。
2. 防尘配件中无记号为防尘标准配件刮油片加防尘片。
   ZZ 为刮油片加防尘片加金属刮板。
   KK 为双刮油片加防尘片加金属刮板。
   DD 为双刮油片加防尘片。
3. 滑块型式 L 为四方形 H 之低组装式滑块，其组合高度与同尺寸之法兰型一致。

Note:

1. The roman numerals express a matched set of rails.
2. No symbol indicates standard protection (end seal and bottom seal)
   ZZ : End seaL bottom sealand scraper
   KK: Double seals, bottom seal and scraper
   DD: Double seals and bottom seal
3. Block type HGL is the low profile design of HGH (square type), the assembled height is same as HGW (flange type) in same size.

互换型滑轨产品型号 Model Number of HG Rail:

HG R 25 R 1200 E P RC

- HG 系列 Series
- 单出滑轨 Interchangeable Rail
- 尺寸 Model size:
  - 15,20,25,30,35,45,55,65
- 滑轨固定方式 Rail Mounting Type
  - R: 上锁式 Mounting From Top
  - T: 下锁式 Bottom
- 滑轨长度 Rail Length（mm）
- E: 滑轨特殊加工 Special Rail
  - 无记号：滑轨无特殊加工
  - None: Standard Rail
- 精度 Precision Code: C, H, P
- RC:
  - 强化型螺栓盖 Reinforced Cap

互换性线性滑轨产品型号 Interchangeable type:

HG W 25 C A E ZA P + ZZ/E2

- HG 系列 Series
- 滑块型式 Block Type
  - W: 法兰型 Flange Type
  - H: 四方型 Square Type
  - L: 四方型 (低) Square Type (Low)
- 尺寸 Model size:
  - 15,20,25,30,35,45,55,65
- 负荷型式 Load Type
  - C: 重负荷 Heavy Load
  - H: 超重负荷 Super Heavy Load
- 滑块固定方式 Block Mounting Type
  - A: 上锁式 Mounting From Top
  - B: 下锁式 Bottom
  - C: 上或下锁式 Top or Bottom
- E: 滑块特殊加工 Special Block
  - 无记号：滑块无特殊加工
  - None: Standard Block
- 预压 Preload Cod: Z0, ZA
- 精度 Precision Code: C, H, P
- 防尘配件 [2] Dust Protection[2]
- E2: 自润式 Self-Lubricant
  - SE: 金属端盖式 Metallic End Cap

线性滑轨预压及精度说明 Linear Guideway Preload & Precision Instruction

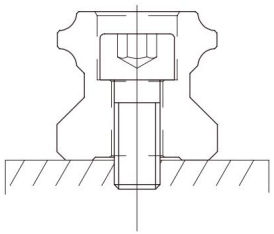
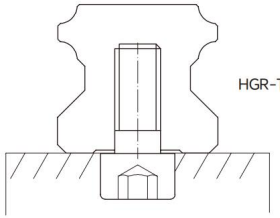
预压等级 Preload Classes

HG 系列线性滑轨提供三种标准预压，可根据用途选择适当预压力。
offers three classes of standard preload for various applications and conditions.

预压等级 Class	标准 Code	预压力 Preload	使用条件 Condition	适用范围 Examples of Application
无预压 Light Preload	Z0	0~0.02C	负荷方向固定且冲击小 精度要求低 Certain load direction, low impact, low precision required	搬送装置，自动包装机，自动化产业机械，一般工业机械的 XY 轴，焊接机，熔断机，工具交换装置 Transportation devices, auto-packing machines, X-Y axis for general industrial machines, welding machines, welders
中预压 Medium Preload	ZA	0.05C~0.07C	轻负荷且要求高精度 High precision required	一般工业机械的 Z 轴，放电加工机，NC 车床，精密 XY 平台，测定器，机械加工中心，立式加工中心，工业用机器人，自动涂装机，各种高速材料供给装置 Machining centers, Z axis for general industrial machines, EDM, NC lathes, Precision X-Y tables, measuring equipment
重预压 Heavy Preload	ZB	0.10C~0.12C	刚性要求，且有振动，冲击之使用环境 High rigidity required, with vibration and impact	机械加工中心，磨床，NC 车床，立式或卧式铣床，机床的 Z 轴，重切削加工机 Machining centers, grinding machines, NC lathes, horizontal and vertical milling machines, Z axis of machine tools, Heavy cutting machines

等级 Class	互换性线轨（单出件）Interchangeable Guideway	非互换性线轨（组合件）Non-Interchangeable Guideway
预压等级 Preload classes	Z0,ZA	Z0,ZA,ZB

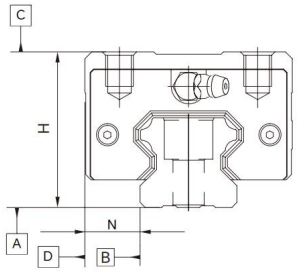
除了一般上锁式螺栓孔滑轨外，万工亦提供下锁式螺丝孔滑轨，方便客户安装使用。
Besides the standard top mounting type, WANGONG also offers the bottom mounting type of rails to customers.

上锁式螺栓孔 Mounting from Top	下锁式螺丝孔 Mounting from bottom
	

精度等级 Acouracy Classes

HG 系列线性滑轨的精度，分为普通、高、精密、超精密、超高精密级共五级，客户可依设备精度需求选用精度。

Thp accuracy of HG series can be classified into normal (C), high (H), precision (P), super precision (SP), ultra precision (UP), five classes. Please choose the class by referring the accuracy of applied equipment.



线性滑轨预压及精度说明 Linear Guideway Preload & Precision Instruction

单出件精度表 Accuracy Standards

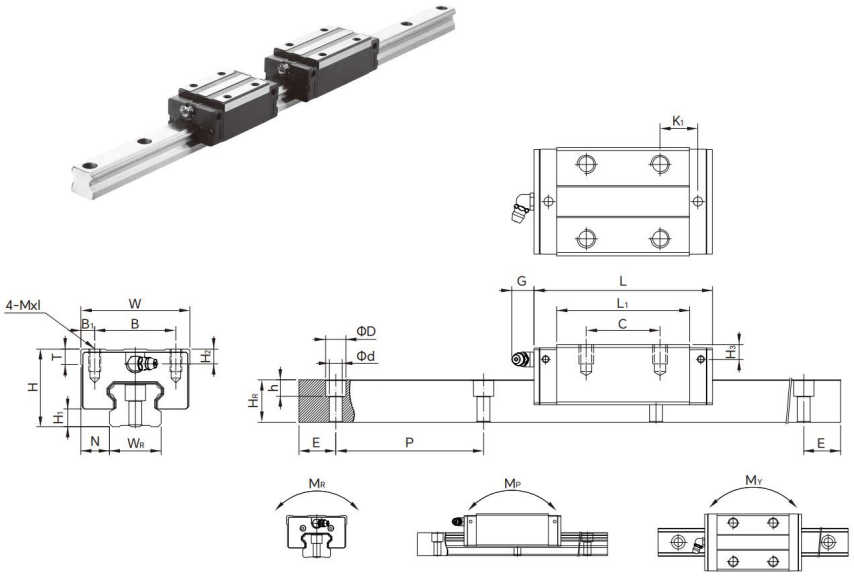
单位 Unit: mm

型号 Item	HG-15,20		
精度等级 Accuracy Classes	普通级 Normal (C)	高级 High (H)	精密级 Precision (P)
高度 H 的容许尺寸误差 Dimensional tolerance of height H	±0.1	±0.03	±0.015
宽度 N 的容许尺寸误差 Dimensional tolerance of width N	±0.1	±0.03	±0.015
成对高度 H 的相互误差 Variation of height H	0.02	0.01	0.006
成对宽度 N 的相互误差 Variation of width N	0.02	0.01	0.006
滑块 C 面对滑轨 A 面的行走平行度 Running parallelism of block surface C to surface A	行走平行度 See Table		
滑块 D 面对滑轨 B 面的行走平行度 Running parallelism of block surface D to surface B	行走平行度 SeeTable		
型号 Item	HG-25,30,35		
精度等级 Accuracy Classes	普通级 Normal (C)	高级 High (H)	精密级 Precision (P)
高度 H 的容许尺寸误差 Dimensional tolerance of height H	±0.1	±0.04	±0.02
宽度 N 的容许尺寸误差 Dimensional tolerance of width N	±0.1	±0.04	±0.02
成对高度 H 的相互误差 Variation of height H	0.02	0.015	0.007
成对宽度 N 的相互误差 Variation of width N	0.03	0.015	0.007
滑块 C 面对滑轨 A 面的行走平行度 Running parallelism of block surface C to surface A	行走平行度 See Table		
滑块 D 面对滑轨 B 面的行走平行度 Running parallelism of block surface D to surface B	行走平行度 SeeTable		
型号 Item	HG-45,55		
精度等级 Accuracy Classes	普通级 Normal (C)	高级 High (H)	精密级 Precision (P)
高度 H 的容许尺寸误差 Dimensional tolerance of height H	±0.1	±0.05	±0.025
宽度 N 的容许尺寸误差 Dimensional tolerance of width N	±0.1	±0.05	±0.025
成对高度 H 的相互误差 Variation of height H	0.03	0.015	0.007
成对宽度 N 的相互误差 Variation of width N	0.03	0.02	0.01
滑块 C 面对滑轨 A 面的行走平行度 Running parallelism of block surface C to surface A	行走平行度 See Table		
滑块 D 面对滑轨 B 面的行走平行度 Running parallelism of block surface D to surface B	行走平行度 SeeTable		

行走平行度精度 Acouracy of Running Parallelism

滑轨长度 (mm) Rail Length (mm)	精度等级 Accuracy (μm)				
	C	H	P	SP	UP
0~100	12	7	3	2	2
100~200	14	9	4	2	2
200~300	15	10	5	3	2
300~500	17	12	6	3	2
500~700	20	13	7	4	2
700~900	22	15	8	5	3
900~1,100	24	16	9	6	3
1,100~1,500	26	18	11	7	4
1,500~1,900	28	20	13	8	4
1,900~2,500	31	22	15	10	5
2,500~3,100	33	25	18	11	6
3,100~3,600	36	27	20	14	7
3,600~4,000	37	28	21	15	7

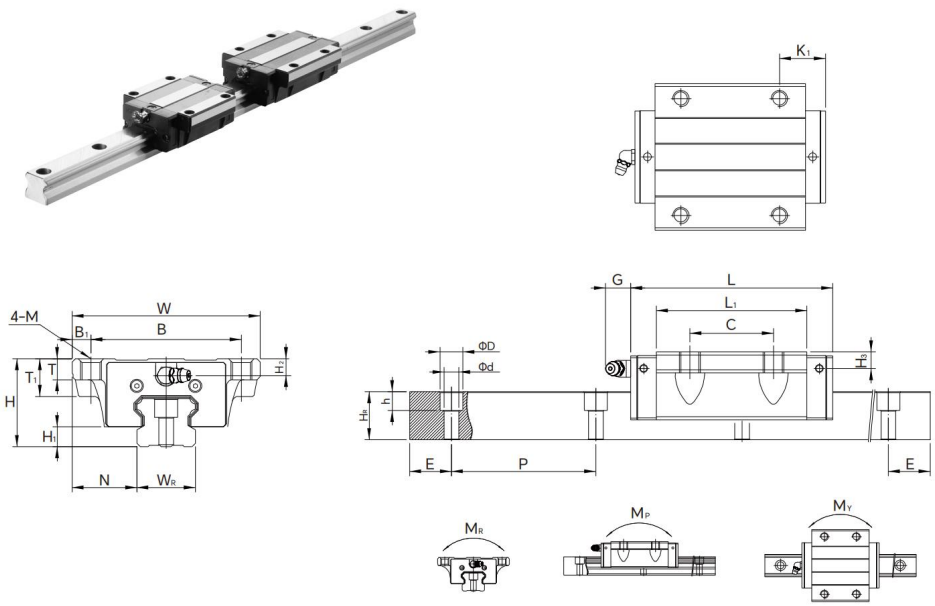
高组装 HGH-CA/HA 系列 High Assembly HGH-CA/HA Series



型号 Model No.	组件尺寸 Dimensions of Assembly (mm)							滑块尺寸 Dimensions of Block (mm)								滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment (kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	K_1	G	MxI	T	H_2	H_3	W_R	H_R	D	h	d	P	E	(mm)	C(kN)	C_0(kN)	M_R kN-m	M_P kN-m	M_Y kN-m	滑块 block kg	滑轨 Rail kg/m
HGH15CA	28	4.3	9.5	34	26	4	26	39.4	61.4	10	5.3	M4×5	6	7.95	7.7	15	15	7.5	5.3	4.5	60	20	M4×16	11.38	16.97	0.12	0.10	0.10	0.18	1.45
HGH20CA	30	4.6	12	44	32	6	36	50.5	77.5	12.25	12	M5×6	8	6	7	20	17.5	9.5	8.5	6	60	20	M5×16	17.75	27.76	0.27	0.20	0.20	0.30	2.21
HGH20HA							50	65.2	92.2	12.6														21.18	35.9	0.35	0.35	0.35	0.39	
HGH25CA	40	5.5	12.5	48	35	6.5	35	58	84	16.8	12	M6×8	8	10	9	23	22	11	9	7	60	20	M6×20	26.48	36.49	0.42	0.33	0.33	0.51	3.21
HGH25HA							50	78.6	104.6	19.6														32.75	49.44	0.56	0.57	0.57	0.69	
HGH30CA	45	6	16	60	40	10	40	70	97.4	20.25	12	M8×10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8×25	38.74	52.19	0.66	0.53	0.53	0.88	4.47
HGH30HA							60	93	120.4	21.75														47.27	69.19	0.88	0.92	0.92	1.16	
HGH35CA	55	7.5	18	70	50	10	50	80	112.4	20.6	12	M8×12	10.2	16	19.6	34	29	14	12	9	80	20	M8×25	49.52	69.19	1.16	0.81	0.81	1.45	6.30
HGH35HA							72	105.8	138.2	22.5														60.21	91.63	1.54	1.40	1.40	1.92	
HGH45CA	70	9.5	20.5	86	60	13	60	97	139.4	23	12.9	M10×17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12×35	77.57	102.71	1.98	1.55	1.55	2.73	10.41
HGH45HA							80	128.8	171.2	28.9														94.54	136.46	2.63	2.68	2.68	3.61	
HGH55CA	80	13	23.5	100	75	12.5	75	117.7	166.7	27.35	12.9	M12×18	17.5	22	29	53	44	23	20	16	120	30	M14×45	114.44	148.33	3.69	2.64	2.64	4.17	15.08
HGH55HA							95	155.8	204.8	36.4														139.35	196.2	4.88	4.57	4.57	5.49	
HGH65CA	90	15	31.5	126	76	25	70	144.2	200.2	43.1	12.9	M16×20	25	15	15	63	53	26	22	18	150	35	M16×50	163.63	215.33	6.65	4.27	4.27	7.00	21.18
HGH65HA							120	203.6	259.6	47.8														208.36	303.13	9.38	7.38	7.38	9.82	

注：1kgf=9.81N

高组装 HGW-CC/HC 系列 High Assembly HGW-CC/HC Series

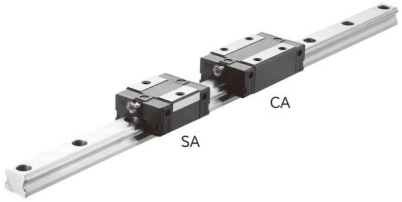


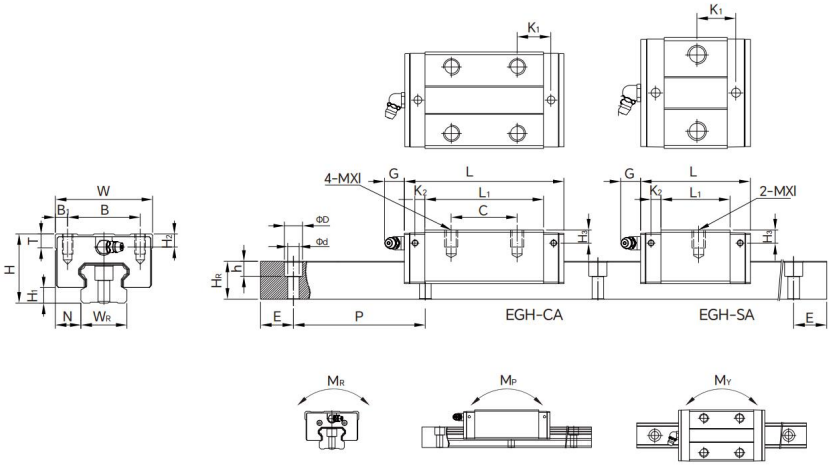
型号 Model No.	组件尺寸 Dimensions of Assembly (mm)							滑块尺寸 Dimensions of Block (mm)									滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment (kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	K_1	G	M	T	T_1	H_2	H_3	W_R	H_R	D	h	d	P	E	(mm)	C(kN)	C_0(kN)	M_R kN-m	M_P kN-m	M_Y kN-m	滑块 block kg	滑轨 Rail kg/m
HGW15CC	24	4.3	16	47	38	4.5	30	39.5	60.5	8	5.3	M5	6	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4×16	11.38	16.97	0.12	0.10	0.10	0.17	1.45
HGW20CC	30	4.6	21.5	63	53	5	40	50.5	76.7	10.25	12	M6	8	10	6	6	20	17.5	9.5	8.5	6	60	20	M5×16	17.75	27.76	0.27	0.20	0.20	0.40	2.21
HGW20HC								65.2	91.4	17.6															21.18	35.90	0.35	0.35	0.35	0.52	
HGW25CC	36	5.5	23.5	70	57	6.5	45	58	84	10.7	12	M8	8	14	6	5	23	22	11	9	7	60	20	M6×20	26.48	36.49	0.42	0.33	0.33	0.59	3.21
HGW25HC								78.6	104.6	21															32.75	49.44	0.56	0.57	0.57	0.80	
HGW30CC	42	6	31	90	72	9	52	70	98.4	14.25	12	M10	8.5	16	6.5	10.8	28	26	14	12	9	80	20	M8×25	38.74	52.19	0.66	0.53	0.53	1.09	4.47
HGW30HC								93	121.4	25.75															47.27	69.16	0.88	0.92	0.92	1.44	
HGW35CC	48	7.5	33	100	82	9	62	80	112.4	14.6	12	M10	10.1	18	9	12.6	34	29	14	12	9	80	20	M8×25	49.52	69.16	1.16	0.81	0.81	1.56	6.30
HGW35HC								105.8	138.2	27.5															60.21	91.63	1.54	1.40	1.40	2.06	
HGW45CC	60	9.5	37.5	120	100	10	80	97	137.4	13	12.9	M12	15.1	22	8.5	20.5	45	38	20	17	14	105	22.5	M12×35	77.57	102.71	1.98	1.55	1.55	2.79	10.41
HGW45HC								128.8	169.2	28.9															94.54	136.46	2.63	2.68	2.68	3.69	
HGW55CC	70	13	43.5	140	116	12	95	117.7	166.7	17.35	12.9	M14	17.5	26.5	12	19	53	44	23	20	16	120	30	M14×45	114.44	148.33	3.69	2.64	2.64	4.52	15.08
HGW55HC								155.8	204.8	36.4															139.35	196.20	4.88	4.57	4.57	5.96	
HGW65CC	90	15	53.5	170	142	14	110	144.2	200.2	23.1	12.9	M16	25	37.5	15	15	63	53	26	22	18	150	35	M16×50	163.63	215.33	6.65	4.27	4.27	9.17	21.18
HGW65HC								203.6	259.6	52.8															208.36	303.13	9.38	7.38	7.38	12.89	

注：1kgf=9.81N

线性滑轨

低组装 EGH-CA /SA 系列 Low Assembly EGH-CA /SA Series

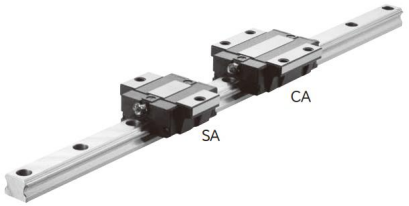


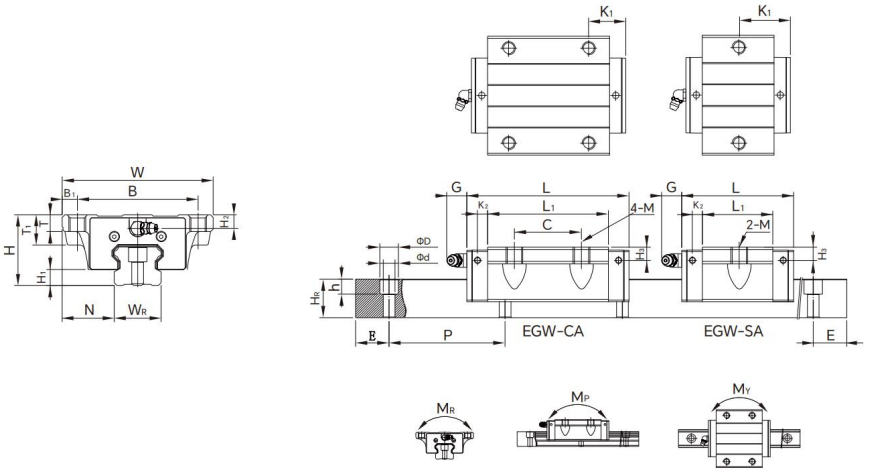


型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)												滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	Mxl	T	H2	H3	W2	H2	D	h	d	P	E	(mm)	C(kN)	C0[kN]	MR kN-m	MP kN-m	MY kN-m	滑块 block kg	滑轨 Rail kg/m
EGH15SA	24	4.5	9.5	34	26	4	-	23.1	41.1	14.8	3.5	5.7	M4x6	6	5.5	6	15	12.5	7.5	5.3	4.5	60	20	M4x16	5.35	9.40	0.08	0.04	0.04	0.09	1.25
EGH15CA							26	39.8	57.8	10.15															7.83	16.19	0.13	0.10	0.10	0.15	
EGH20SA	28	6	11	42	32	5	-	29	51.2	18.75	4.15	12	M5x7	7.5	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	0.06	0.06	0.15	2.08
EGH20CA							32	48.1	70.3	12.3															10.31	21.13	0.22	0.16	0.16	0.24	
EGH25SA	33	7	12.5	48	35	6.5	-	35.5	59.7	21.9	4.55	12	M6x9	8	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.25	2.67
EGH25CA							35	59	83.2	16.15															16.27	32.40	0.38	0.32	0.32	0.41	
EGH30SA	42	10	16	60	40	10	-	41.5	71.9	26.75	6	12	M8x12	9	8	9	28	23	14	12	9	80	20	M8x25	16.42	28.10	0.40	0.21	0.21	0.45	4.35
EGH30CA							40	70	100.4	21.05															23.70	47.46	0.68	0.55	0.55	0.76	
EGH35SA	48	11	18	70	50	10	-	45	75	28.5	7	12	M8x12	10	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	22.66	37.38	0.56	0.31	0.31	0.66	6.14
EGH35CA							50	78	108	20															33.35	64.84	0.98	0.69	0.69	1.13	

注：1kgf=9.81N

低组装 EGW-CA / SA 系列 Low Assembly EGH-CA /SA Series





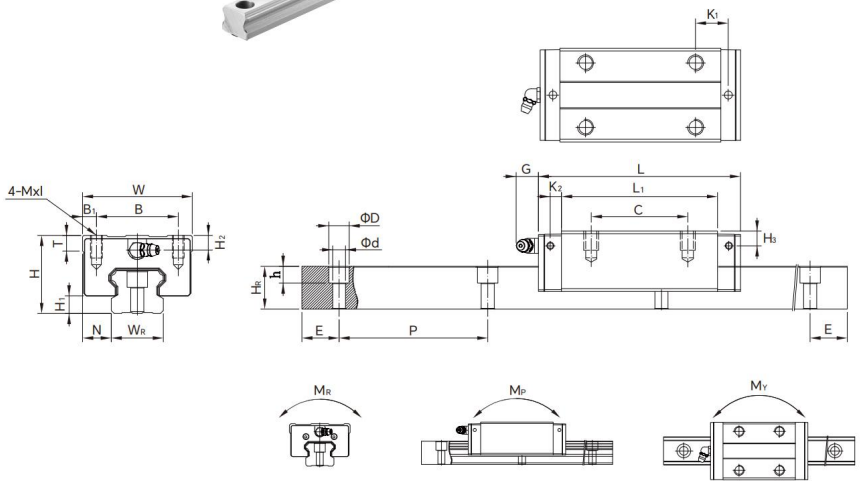
型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)														滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	M	T	T1	H2	H3	W2	H2	D	h	d	P	E	(mm)	C(kN)	C0(kN)	MR kN-m	MP kN-m	MY kN-m	滑块 block kg	滑轨 Rail kg/m
EGW15SA	24	4.5	18.5	52	41	5.5	-	23.1	41.1	14.8	3.5	5.7	M5	5	7	5.5	6	15	12.5	7.5	5.3	4.5	60	20	M4x16	5.35	9.40	0.08	0.04	0.04	0.12	1.25
EGW15CA							26	39.8	57.8	10.15																7.83	16.19	0.13	0.10	0.10	0.21	
EGW20SA	28	6	19.5	59	49	5	-	29	51.2	18.75	4.15	12	M6	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	0.06	0.06	0.19	2.08
EGW20CA							32	48.1	70.3	12.3																10.31	21.13	0.22	0.16	0.16	0.32	
EGW25SA	33	7	25	73	60	6.5	-	35.5	59.7	21.9	4.55	12	M8	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.35	2.67
EGW25CA							35	59	83.2	16.15																16.27	32.40	0.38	0.32	0.32	0.59	
EGW30SA	42	10	31	90	72	9	-	41.5	71.9	26.75	6	12	M10	7	10	8	9	28	23	14	12	9	80	20	M8x25	16.42	28.10	0.40	0.21	0.21	0.62	4.35
EGW30CA							40	70	100.4	21.05																23.70	47.46	0.68	0.55	0.55	1.04	
EGW35SA	48	11	33	100	82	9	-	45	75	28.5	7	12	M10	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	22.66	37.38	0.56	0.31	0.31	0.84	6.14
EGW35CA							50	78	108	20																33.35	64.84	0.98	0.69	0.69	1.45	

注：1kgf=9.81N

线性滑轨

高组装（低）HGL-CA/HA 系列 High Assembly (Low) HGL-CA/HA Series



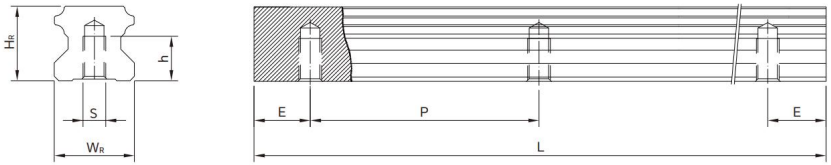


型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)												滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment (kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	K_1	K_2	G	MxI	T	H_2	H_3	W_R	H_R	D	h	d	P	E	(mm)	C[kN]	C_0(kN)	M_R kN-m	M_P kN-m	M_Y kN-m	滑块 block kg	滑轨 Rail kg/m
HGL15CA	24	4.3	9.5	34	26	4	26	39.5	61.4	10	4.85	5.3	M4x4	6	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.14	1.45
HGL25CA	36	5.5	12.5	48	35	6.5	35	58	84	15.7	6	12	M6x6	8	6	5	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.42	3.21
HGL25HA							50	78.6	104.6	18.5															32.75	49.44	0.56	0.57	0.57	0.57	
HGL30CA	42	6	16	60	40	10	40	70	98.4	20.25	6	12	M8x10	8.5	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	0.78	4.47
HGL30HA							60	93	121.4	21.75															47.27	69.16	0.88	0.92	0.92	1.03	
HGL35CA	48	7.5	18	70	50	10	50	80	112.4	20.6	7	12	M8x12	10.2	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.14	6.30
HGL35HA							72	105.8	138.2	22.5															60.21	91.63	1.54	1.40	1.40	1.52	
HGL45CA	60	9.5	20.5	86	60	13	60	97	137.4	23	10	12.9	M10x17	16	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.08	10.41
HGL45HA							80	128.8	169.2	28.9															94.54	136.46	2.63	2.68	2.68	2.75	
HGL55CA	70	13	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12x18	17.5	12	19	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	3.25	15.08
HGL55HA							95	155.8	204.8	36.4															139.35	196.2	4.88	4.57	4.57	4.27	

注：1kgf≈9.81N

高组装下锁式 HGR-T 系列 High Assembly Bottom Lock HGR-T Series



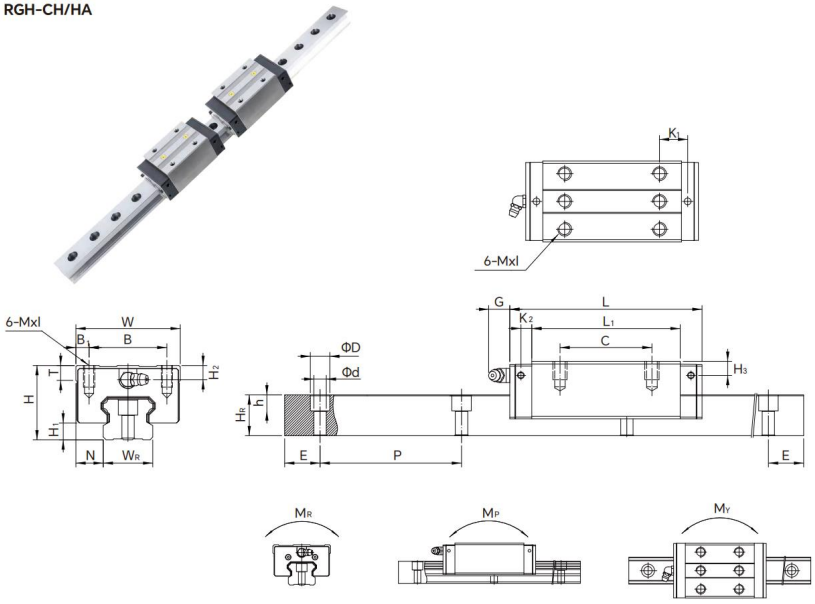


型号 Model No.	滑轨尺寸 Dimensions of Rail (mm)						重量 Weight
	W_R	H_R	S	h	P	E	(kg/m)
HGR15T	15	15	M5x 0.8P	8	60	20	1.48
HGR20T	20	17.5	M6x1P	10	60	20	2.29
HGR25T	23	22	M6x1P	12	60	20	3.35
HGR30T	28	26	M8x1.25P	15	80	20	4.67
HGR35T	34	29	M8x1.25P	17	80	20	6.51
HGR45T	45	38	M12x1.75P	24	105	22.5	10.87
HGR55T	53	44	M14x2P	24	120	30	15.67
HGR65T	63	53	M20x2.5P	30	150	35	21.73

线性滑轨

滚柱型 RGH-CA/HA 系列 Roller Type RGH-CA/HA Series

RGH-CH/HA

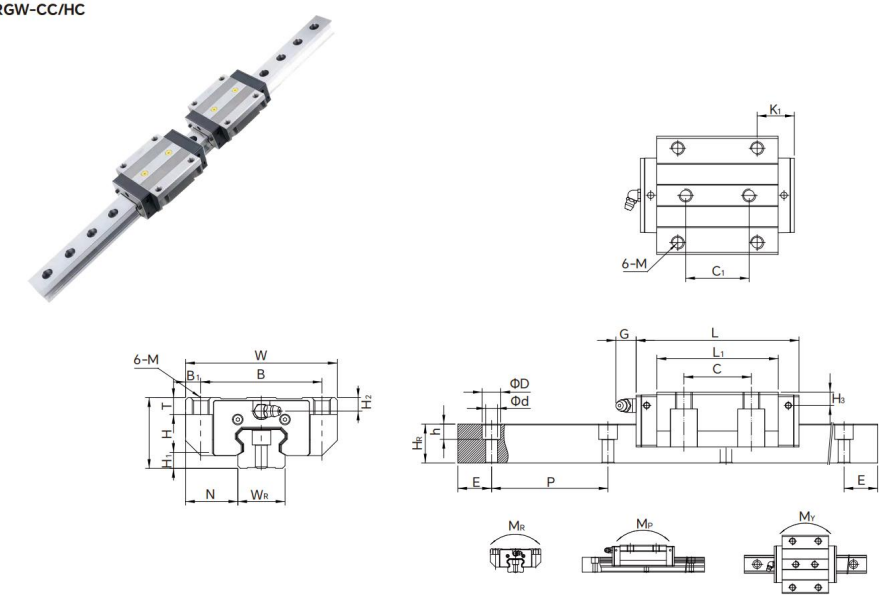


型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)													滑轨尺寸 Dimensions of Rail (mm)						滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	K_1	K_2	G	Mxl	T	H_2	H_3	W_R	H_R	D	h	d	P	E	(mm)	C(KN)	C_0(KN)	M_R KN-m	M_P KN-m	M_Y KN-m	滑块 block kg	滑轨 Rail kg/m
RGH15CA	28	4	9.5	34	26	4	26	45	68	13.4	4.7	5.3	M4x8	6	7.6	10.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	11.3	24	0.311	0.173	0.173	0.20	1.8
RGH20CA	34	5	12	44	32	6	36	57.5	86	15.8	6	5.3	M5x8	8	8.3	8.3	20	21	9.5	8.5	6	30	20	M5x20	21.3	46.7	0.647	0.46	0.46	0.40	2.76
RGH20HA							50	77.5	106	18.8															26.9	63	0.872	0.837	0.837	0.53	
RGH25CA	40	5.5	12.5	48	35	6.5	35	64.5	97.9	20.75	7.25	12	M6x8	9.5	10.2	10	23	23.6	11	9	7	30	20	M6x20	27.7	57.1	0.758	0.605	0.605	0.61	3.08
RGH25HA							50	81	114.4	21.5															33.9	73.4	0.975	0.991	0.991	0.75	
RGH30CA	45	6	16	60	40	10	40	71	109.8	23.5	8	12	M8x10	9.5	9.5	10.3	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	0.90	4.41
RGH30HA							60	93	131.8	24.5															48.1	105	1.846	1.712	1.712	1.16	
RGH35CA	55	6.5	18	70	50	10	50	79	124	22.5	10	12	M8x12	12	16	19.6	34	30.2	14	12	9	40	20	M8x25	57.9	105.2	2.17	1.44	1.44	1.57	6.06
RGH35HA							72	106.5	151.5	25.25															73.1	142	2.93	2.6	2.6	2.06	
RGH45CA	70	8	20.5	86	60	13	60	106	153.2	31	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5	M12x35	92.6	178.8	4.52	3.05	3.05	3.18	9.97
RGH45HA							80	139.8	187	37.9															116	230.9	6.33	5.47	5.47	4.13	
RGH55CA	80	10	23.5	100	75	12.5	75	125.5	183.7	37.75	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30	M14x45	130.5	252	8.01	5.4	5.4	4.89	13.98
RGH55HA							95	173.8	232	51.9															167.8	348	11.15	10.25	10.25	6.68	
RGH65CA	90	12	31.5	126	76	25	70	160	232	60.8	15.8	12.9	M16x20	25	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	8.89	20.22
RGH65HA							120	223	295	67.3															275.3	572.7	22.55	22.17	22.17	12.13	

注：1kgf=9.81N

滚柱型 RGW-CC/HC 系列 Roller Type RGW-CC/HC Series

RGW-CC/HC



型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)																滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	C_1	L_1	L	K_1	K_2	G	M	T	T_1	H_2	H_3	W_R	H_R	D	h	d	P	E	(mm)	C(KN)	C_0(KN)	M_R KN-m	M_P KN-m	M_Y KN-m	滑块 block kg	滑轨 Rail kg/m
RGW15CC	24	4	16	47	38	4.5	30	26	45	68	11.4	4.7	5.3	M5	6	6.95	3.6	6.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	11.3	24	0.311	0.173	0.173	0.22	1.8
RGW20CC	30	5	21.5	63	53	5	40	35	57.5	86	13.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20	M5x20	21.3	46.7	0.647	0.46	0.46	0.47	2.76
RGW20HC									77.5	106	23.8																26.9	63	0.872	0.837	0.837	0.63	
RGW25CC	36	5.5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	7.25	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20	M6x20	27.7	57.1	0.758	0.605	0.605	0.72	3.08
RGW25HC									81	114.4	24																33.9	73.4	0.975	0.991	0.991	0.91	
RGW30CC	42	6	31	90	72	9	52	44	71	109.8	17.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	1.16	4.41
RGW30HC									93	131.8	28.5																48.1	105	1.846	1.712	1.712	1.52	
RGW35CC	48	6.5	33	100	82	9	62	52	79	124	16.5	10	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20	M8x25	57.9	105.2	2.17	1.44	1.44	1.75	6.06
RGW35HC									106.5	151.5	30.25																73.1	142	2.93	2.6	2.6	2.40	
RGW45CC	60	8	37.5	120	100	10	80	60	106	153.2	21	10	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5	M12x35	92.6	178.8	4.52	3.05	3.05	3.43	9.97
RGW45HC									139.8	187	37.9																116	230.9	6.33	5.47	5.47	4.57	
RGW55CC	70	10	43.5	140	116	12	95	70	125.5	183.7	27.75	12.5	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30	M14x45	130.5	252	8.01	5.4	5.4	5.43	13.98
RGW55HC									173.8	232	51.9																167.8	348	11.15	10.25	10.25	7.61	
RGW65CC	90	12	53.5	170	142	14	110	82	160	232	40.8	15.8	12.9	M16	22	23	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	11.63	20.22
RGW65HC									223	295	72.3																275.3	572.7	22.55	22.17	22.17	16.58	

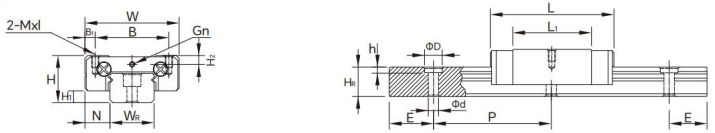
注：1kgf=9.81N

线性滑轨

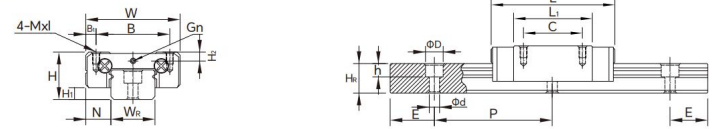
微型线性滑轨 MGN-C/H 系列 MGN Mini Linear Guide Series



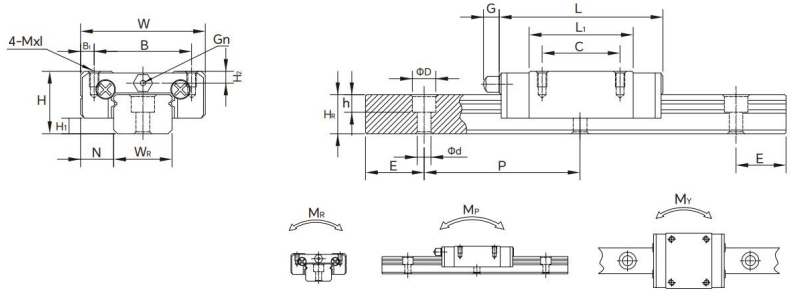
MGN5



MGN7, MGN9, MGN12



MGN15



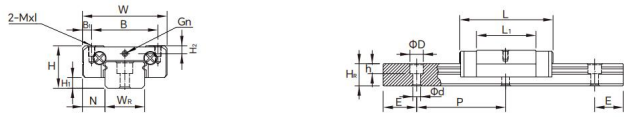
型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)										滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	G	G_n	Mxl	H_2	W_R	H_R	D	h	d	P	E	(mm)	C(KN)	C_0(KN)	M_R N-m	M_P N-m	M_Y N-m	滑块 block kg	滑轨 Rail kg/m
MGN3C	4	1	2.5	8	-	-	3.5	6.7	12	-	-	M1.6×1.3	-	3	2.6	-	-	1.6	10	5	M1.6×1	0.19	0.32	0.6	0.4	0.4	-	-
MGN3H							5.5	10.7	16			M2x1.3										0.3	0.58	0.9	1.1	1.1		
MGN5C	6	1.5	3.5	12	8	2	-	9.6	16	-	Φ0.8	M2x1.5	1	5	3.6	3.6	0.8	2.4	15	5	M2×6	0.54	0.84	2	1.3	1.3	0.008	0.15
MGN7C	8	1.5	5	17	12	2.5	8	13.5	22.5	-	Φ1.2	M2x2.5	1.5	7	4.8	4.2	2.3	2.4	15	5	M2x6	0.98	1.24	4.70	2.84	2.84	0.010	0.22
MGN7H							13	21.8	30.8													1.37	1.96	7.64	4.80	4.80	0.015	
MGN9C	10	2	5.5	20	15	2.5	10	18.9	28.9	-	Φ1.4	M3x3	1.8	9	6.5	6	3.5	3.5	20	7.5	M3x8	1.86	2.55	11.76	7.35	7.35	0.016	0.38
MGN9H							16	29.9	39.9													2.55	4.02	19.60	18.62	18.62	0.026	
MGN12C	13	3	7.5	27	20	3.5	15	21.7	34.7	-	Φ2	M3x3.5	2.5	12	8	6	4.5	3.5	25	10	M3x8	2.84	3.92	25.48	13.72	13.72	0.034	0.65
MGN12H							20	32.4	45.4													3.72	5.88	38.22	36.26	36.26	0.054	
MGN15C	16	4	8.5	32	25	3.5	20	26.7	42.1	4.5	M3	M3x4	3	15	10	6	4.5	3.5	40	15	M3x10	4.61	5.59	45.08	21.56	21.56	0.059	1.06
MGN15H							25	43.4	58.8													6.37	9.11	73.50	57.82	57.82	0.092	

注：1kgf=9.81N

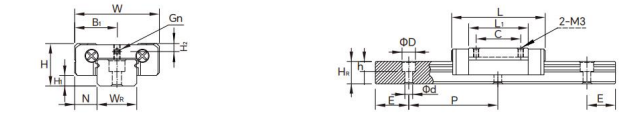
微型线性滑轨 MGW-C/H 系列 MGW Mini Linear Guide Series



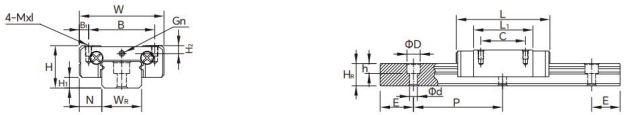
MGW5C



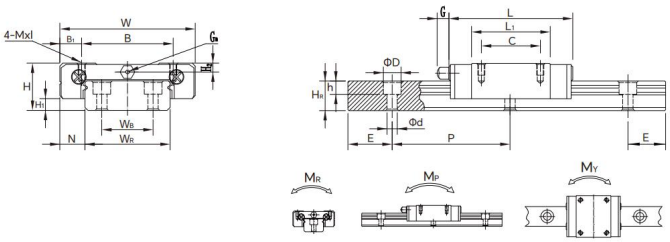
MGW5CL



MGW7, MGW9, MGW12



MGW15



型号 Model No.	组件尺寸 Dimensions of Assembly (mm)			滑块尺寸 Dimensions of Block (mm)										滑轨尺寸 Dimensions of Rail (mm)							滑轨固定螺栓尺寸 Mounting Bolt for Rail	基本动额定负荷 Basic Dynamic Load Rating	基本静额定负荷 Basic Static Load Rating	容许静力矩 Static Rated Moment(kgf.m)			重量 Weight	
	H	H_1	N	W	B	B_1	C	L_1	L	G	G_n	Mxl	H_2	W_R	W_B	H_R	D	h	d	P	E	(mm)	C(KN)	C_0(KN)	M_R N-m	M_P N-m	M_Y N-m	滑块 block kg	滑轨 Rail kg/m
MGW3C	4.5	1	3	12	-	-	4.5	10	15.2	-	-	M2×1.4	-	6	-	2.6	4	1.5	2.4	15	-	M2×1	0.29	0.54	1.6	0.9	0.9	-	-
MGW3CL							8	15.1	20.1														0.38	0.91	2.6	1.9	1.9		
MGW 5C	6.5	1.5	3.5	17	13	2	-	14.1	20.5	-	Φ0.8	M2.5x1.5	1	10	-	4	5.5	1.6	3	20	5	M2.5x7	0.68	1.18	5.5	2.7	2.7	0.016	0.34
MGW 5CL					-	8.5	6.5					M3-THRU																	
MGW 7C	9	1.9	5.5	25	19	3	10	21	31.2	-	Φ1.2	M3x3	1.85	14	-	5.2	6	3.2	3.5	30	10	M3x6	1.37	2.06	15.70	7.14	7.14	0.020	0.51
MGW 7H							19	30.8	41														1.77	3.14	23.45	15.53	15.53	0.029	
MGW 9C	12	2.9	6	30	21	4.5	12	27.5	39.3	-	Φ1.2	M3x3	2.4	18	-	7	6	4.5	3.5	30	10	M3x8	2.75	4.12	40.12	18.96	18.96	0.040	0.91
MGW 9H					23	3.5	24	38.5	50.7														3.43	5.89	54.54	34.00	34.00	0.057	
MGW 12C	14	3.4	8	40	28	6	15	31.3	46.1	-	Φ1.2	M3x3.6	2.8	24	-	8.5	8	4.5	4.5	40	15	M4x8	3.92	5.59	70.34	27.80	27.80	0.071	1.49
MGW 12H							28	45.6	60.4														5.10	8.24	102.70	57.37	57.37	0.103	
MGW 15C	16	3.4	9	60	45	7.5	20	38	54.8	5.2	M3	M4x4.2	3.2	42	23	9.5	8	4.5	4.5	40	15	M4x10	6.77	9.22	199.34	56.66	56.66	0.143	2.86
MGW 15H							35	57	73.8														8.93	13.38	299.01	122.60	122.60	0.215	

注：1kgf=9.81N

线性滑轨

YIDI MOTION

专注精密传动部件



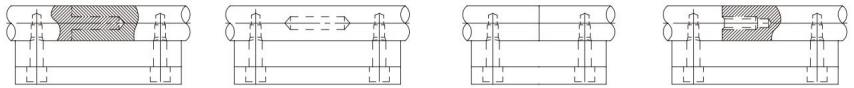
直线光轴
LINEAR SHAFT

WWW.YIDIMOTION.COM

轴的特殊加工 Special Machining for Shaft

- 我公司可为您提供直径 ϕ5mm-ϕ150mm，最大长度可达6000mm 的各种直线轴。
- 当您在长度上有特殊要求时，我公司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 ϕ5mm-ϕ150mm.maxium length up to 6000mm.
- When you have 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
Dowet Joint

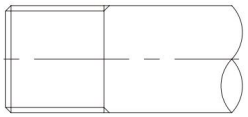
暗接
Dowet Joint

平接
Butted Joint

螺纹连接后磨口连接
Threaded and Ground Joint

- 当您对轴有特殊的加工要求时，如车螺纹、车端头打孔、铣键槽、径向打孔、车阶梯轴等。我们都可以为您提供加工，并且这些特殊加工是在热处理镀硬铬后完成的，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。

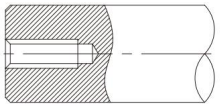
- When you have special requirements on machining.such as threading,coaxial holes drilled and tapped,radial holes drilled and tapped,reduced shaft diameter etc,we can machine for you,and these special machines are finished after heat treatment and hard chrome so that ensure the precision of product.Send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



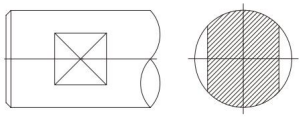
车螺纹
Threading



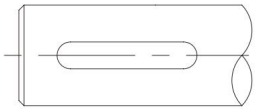
车阶梯轴
Reduced Shaft Diameter



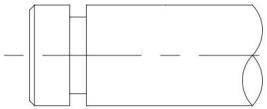
轴端打孔
Coaxial Holes Drilled and Tapped



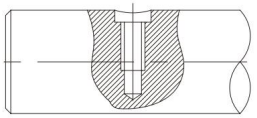
铣槽 - 单槽或多槽
Flats-Single or Multiple



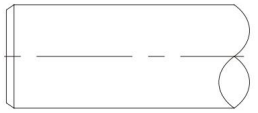
铣键槽
Key Way



车卡环槽
Snap Ring Grooves

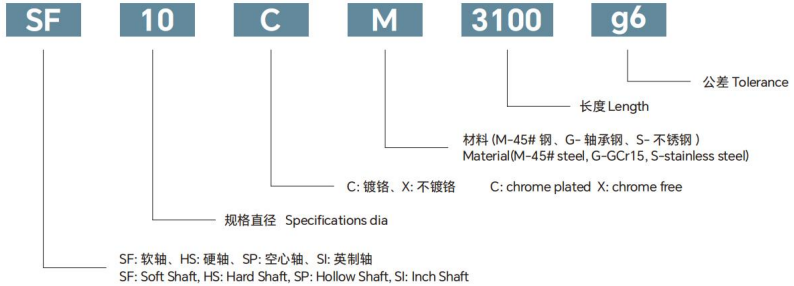


径向打孔
Radial Holes Drilled and Tapped



车棱角
Chamfering

光轴型号选型 Linear Shaft Selection



空心轴 SP 系列 Hollow Shaft SP Series

- 空心轴 : 可根据客户要求定制内径和壁厚
- 材质 : 45 优质碳素钢 (S45C), 硬度 HRC58-60
  GCr15 轴承钢 (SUJ2)，硬度 HRC60-62
- Hollow shaft: the internal diameter and wall thickness can be customized according to customer requirements.
- Material: 45 high quality carbon steel (S45C), hardness HRC58-60
  GCr15(SUJ2), Rigidity: HRC60-62

型号 Model No.	内径 Inner Diameter (mm)	外径 Outer Diameter (mm)	精度 Diameter Tolerance		淬硬度深度 Depth of Effevtive Hardness Layer
			g6	h6	
SP12	6	12	-0.006 -0.017	0 -0.011	0.6~1.5
SP13	6	13	-0.006 -0.017	0 -0.011	0.6~1.5
SP16	10	16	-0.006 -0.017	0 -0.011	0.8~2.0
SP20	13	20	-0.007 -0.020	0 -0.013	0.8~2.0
SP25	17	25	-0.007 -0.020	0 -0.013	0.8~2.0
SP30	20	30	-0.007 -0.020	0 -0.013	0.8~3.0
SP35	24	35	-0.009 -0.025	0 -0.016	0.8~3.0
SP40	30	40	-0.009 -0.025	0 -0.016	0.8~3.0
SP50	38	50	-0.009 -0.025	0 -0.019	0.8~3.0
SP60	48	60	-0.010 -0.029	0 -0.019	1.5~3.0

英制轴 SI 系列 Inch Shaft SI Series

型号 Model No.	外径 Outer Diameter (mm)	精度 Diameter Tolerance		淬硬度深度 Depth of Effevtive Hardness Layer	重量 Weight 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	0.6~1.5	1
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	0.8~2.0	4
SI-20	31.75	-0.007 -0.020	0 -0.013	0.8~3.0	6.21
SI-24	38.1	-0.007 -0.020	0 -0.013	0.8~3.0	8.95
SI-32	50.8	-0.009 -0.025	0 -0.016	0.8~3.0	15.9

公制实心轴 HS/SF 系列 Metric Solid Shaft HS/SF Series

- 材质：45 优质碳素钢 (S45C), 硬度 HRC58-60
- GCr15 轴承钢 (SUJ2), 硬度 HRC60-62
- 9Cr18 不锈钢 (SUS440), 硬度 HRC55 以上
- 表面可镀硬铬
- Material: 45 high quality carbon steel (S45C), hardness HRC58-60
- GCr15 bearing steel (SUJ2), hardness above HRC60-62
- 9 Cr18 stainless steel (SUS440), hardness above HRC55
- The surface can be hard chrome plated

型号 Model No.	外径 Outer Diameter (mm)	精度 Diameter Tolerance		淬硬度深度 Depth of Effevtive Hardness Layer	重量 Weight Kg/m
		g6	h6		
HS/SF3	3	-0.002 -0.008	0 -0.006	0.4~0.7	0.05
HS/SF4	4	-0.004 -0.012	0 -0.006	0.4~0.7	0.09
HS/SF5	5	-0.004 -0.012	0 -0.006	0.4~0.7	0.15
HS/SF6	6	-0.004 -0.012	0 -0.008	0.4~1.0	0.22
HS/SF8	8	-0.005 -0.014	0 -0.009	0.4~1.0	0.4
HS/SF10	10	-0.005 -0.014	0 -0.009	0.6~1.5	0.62
HS/SF11	11	-0.006 -0.017	0 -0.011	0.6~1.5	0.74
HS/SF12	12	-0.006 -0.017	0 -0.011	0.6~1.5	0.89
HS/SF13	13	-0.006 -0.017	0 -0.011	0.6~1.5	1.04
HS/SF14	14	-0.006 -0.017	0 -0.011	0.6~1.5	1.20
HS/SF15	15	-0.006 -0.017	0 -0.011	0.6~1.5	1.38
HS/SF16	16	-0.006 -0.017	0 -0.011	0.8~2.0	1.58
HS/SF17	17	-0.006 -0.017	0 -0.011	0.8~2.0	1.78
HS/SF18	18	-0.007 -0.020	0 -0.013	0.8~2.0	1.99
HS/SF19	19	-0.007 -0.020	0 -0.013	0.8~2.0	2.22
HS/SF20	20	-0.007 -0.020	0 -0.013	0.8~2.0	2.47
HS/SF22	22	-0.007 -0.020	0 -0.013	0.8~2.0	2.98
HS/SF25	25	-0.007 -0.020	0 -0.013	0.8~2.0	3.85
HS/SF28	28	-0.007 -0.020	0 -0.013	0.8~2.0	4.83
HS/SF30	30	-0.007 -0.020	0 -0.013	0.8~3.0	5.55
HS/SF32	32	-0.009 -0.025	0 -0.016	0.8~3.0	6.31
HS/SF35	35	-0.009 -0.025	0 -0.016	0.8~3.0	7.55
HS/SF38	38	-0.009 -0.025	0 -0.016	0.8~3.0	8.90
HS/SF40	40	-0.009 -0.025	0 -0.016	0.8~3.0	9.87
HS/SF45	45	-0.009 -0.025	0 -0.016	0.8~3.0	12.49
HS/SF50	50	-0.009 -0.025	0 -0.019	0.8~3.0	15.4
HS/SF55	55	-0.009 -0.025	0 -0.019	1.5~3.0	18.66
HS/SF60	60	-0.010 -0.029	0 -0.019	1.5~3.0	22.21
HS/SF70	70	-0.010 -0.029	0 -0.019	1.5~3.0	30.23
HS/SF80	80	-0.012 -0.034	0 -0.022	1.5~3.0	39.48
HS/SF90	90	-0.012 -0.034	0 -0.022	1.5~3.0	49.97
HS/SF100	100	-0.012 -0.034	0 -0.022	2.0~3.0	61.70
HS/SF110	110	-0.012 -0.034	0 -0.022	2.0~3.0	76.02
HS/SF120	120	-0.014 -0.039	0 -0.022	2.0~3.0	88.84
HS/SF150	150	-0.014 -0.039	0 -0.025	2.0~3.0	138.82

直线光轴

YIDI MOTION

专注精密传动部件



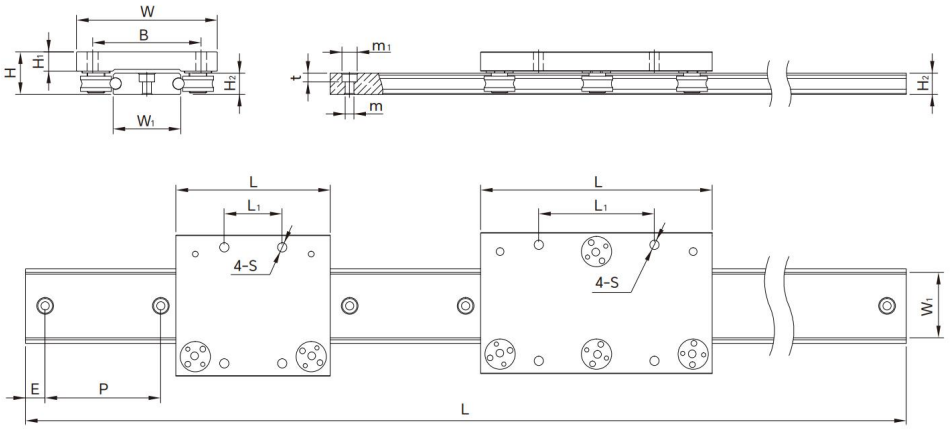
滚轮导轨 / 圆柱导轨副

ROLLER /CYLINDRICAL GUIDE SET

WWW.YIDIMOTION.COM

抽屉导轨 OLG 系列 Drawer Slide Rail OLG Series



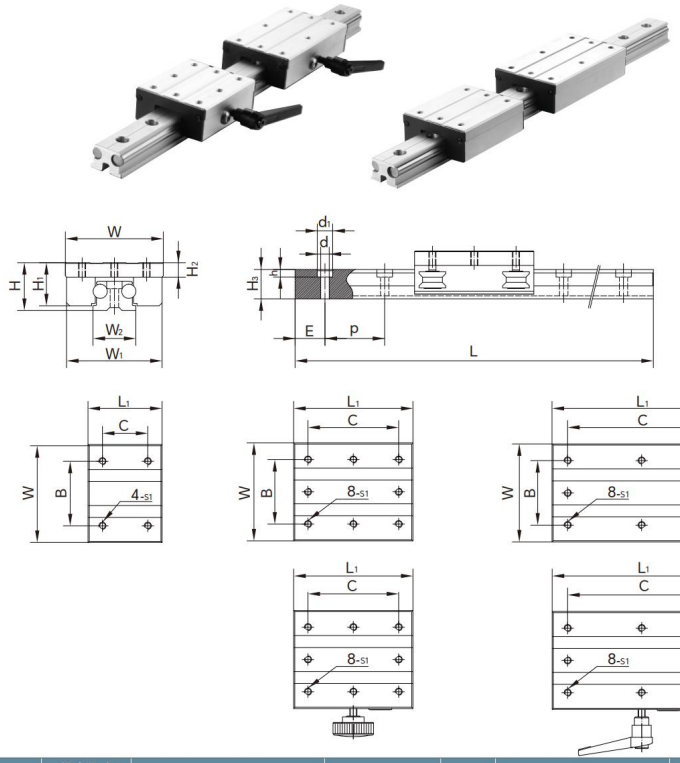


型号 Model No.		全套 Dimensions of Assembly(mm)		导轨 OLG Dimensions of Rail(mm)						滑块尺寸 OLGB Dimensions of Block(mm)						
导轨 Rail	滑块 Block	H	W	W_1	H_2	P	m	m_1	t	W	H1	L	L_1	B	S	滑轮数量
OLG/OLGB25-4		15	60	25	9.5	60	4.5	8	4.5	60	6	60	25	50	M5	4
OLG/OLGB25-6		15	60	25	9.5	60	4.5	8	4.5	60	6	100	50	50	M5	6
OLG/OLGB30-4		18	65	30	11	60	4.5	8	4.5	65	7.5	70	31	52	M6	4
OLG/OLGB30-6		18	65	30	11	60	4.5	8	4.5	65	7.5	100	60	52	M6	6
OLG/OLGB35-4		22	73	35	11	60	4.5	8	4.5	73	10	80	30	60	M6	4
OLG/OLGB35-6		22	73	35	11	60	4.5	8	4.5	73	10	120	60	60	M6	6
OLG/OLGB50-4		18	85	50	11	60	5.5	9.5	5.5	85	7.5	80	41	72	M6	4
OLG/OLGB50-6		18	85	50	11	60	5.5	9.5	5.5	85	7.5	120	80	72	M6	6

注：最大长度 6 米，超过最大长度可对接，请以图纸形式咨询。

Mark : Max Length 6m, exceeds the maximum length need docking refer to drawing.

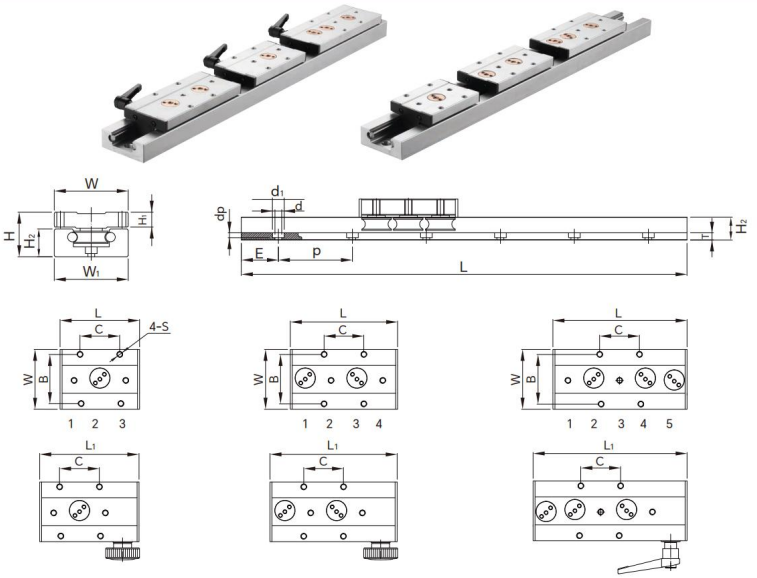
滚轮导轨 LGD 系列 Roller Guide External Type LGD Series



型号 Model No.		轴径 Shaft Diameter	组合尺寸 Dimensions of Assembly(mm)		滑块尺寸 Dimensions of Block(mm)							滑块安装孔数量 Mounting holes No.	滑轮数量 Wheels No.	导轨尺寸 Dimensions of Rail(mm)							基本动力 安全负荷 N	基本静力 安全负荷 N	重量 Weight	
导轨 Rail	滑块 Block		H	W	H_1	H_2	W_1	L_1	B	C	S_1			W_2	H_3	h	d_1	d	p	p_1			滑块重量 kg/pc	导轨重量 kg/m
LGD6	LGB6	φ6	29	60	26	12	58	60	38	40	M5X8	4	4	26	17.8	6.5	9	5.5	60		80	120	0.16	1.3
								100		75		4	4/6								80	120	0.18	
LGD8	LGB8	φ8	30	60	26	14	58	70	40	50	M5X8	4	4	28	20	7	8.6	5.5	50		80	130	0.2	2.3
								100		80		4	4/6								90	140	0.25	
LGD8E	LGB8E	φ8	33	67	27.5	14	65	70	45	45	M6X9	4	4	30	21	8	9.5	5.5	80		80	130	0.2	2.3
								100		75		4	4/6								90	140	0.25	
LGD12	LGB12	φ12	39	82	35	12	80	60	54	36	M6X12	4	2	36	25.5	8	10.5	6.5	100	50	100	150	0.32	3.1
								100		76		8/6	4/6								200	380	0.57	
								140		116		8/6	4/6								270	435	0.73	
								160		136		8	8								290	460	0.85	
LGD16	LGB16	φ16	50	120	45	14	118	150	90	120	M8×14	8	4	50	33	10	14	8.5	80		400	750	1.4	5.8
								190		150		8/6	4/6								430	790	1.6	

注：最大长度 6 米，超过最大长度可对接，请以图纸形式咨询。 Mark : Max Length 6m, exceeds the maximum length need docking refer to drawing.

滚轮导轨 SGR 系列 Roller Guide Built-in Type SGR Series

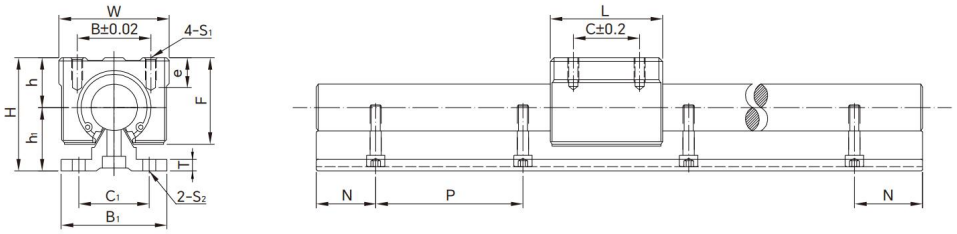


型号 Model No.		全套 Dimensions of Assembly(mm)		导轨 SGR Dimensions of Rail(mm)								滑座 SGB Dimensions of Block(mm)										重量 Weight	
导轨 Rail	滑块 Block	H	W	W_1	H_2	dp	P	轴径 Shaft Diameter	T	d_1	d	W	H_1	L	L_1 (带锁紧) Locking	B	C	S	滑轮数量 Wheels No.	偏心轮位置 Adjust Wheel	基本动力安全负荷 (N		滑块重量 kg/pc	导轨重量 kg/m
SGR	SGB																				Yo	Zo		
10	-3	23	28	28	14	3.3	60	φ5	4.5	6	3.4	28	8.5	47	63	18.5	18.5	M4	3	2	343	322	0.045	0.9
	-4													63	80		30		4	1/3	450	420	0.061	
	-5													80	95		40		5	2/4/5	570	525	0.077	
10E	-3	30	28	32	17.5	3.3	60	φ6	4.5	8	4.5	28	11	60	80	20	30	M4	3	2	343	322	0.088	1.2
	-4													88	108				4	1/3	450	420	0.127	
	-5													100	120	20	30x30	M5	5	2/4/5	570	525	0.156	
15N	-3	32	38	38	18.5	5.5	120	φ6	7	8	4.5	38	12	60	80	26	26	M5	3	2	490	460	0.117	1.6
	-4													80	100				4	1/3	700	660	0.157	
	-5													100	124				5	2/4/5	875	825	0.192	
15	-3	32	46	46	18.5	5.5	120	φ6	7	8	4.5	46	12	52	72	32	36	M5	3	2	490	460	0.125	2.1
	-4													72	86				4	1/3	700	660	0.166	
	-5													86	104				5	2/4/5	875	825	0.197	
20N	-3	36	47	47	22.5	5.5	120	φ8	8	9.5	5.5	47	12	80	104	38	30	M6	3	2	700	980	0.23	2.4
	-4													104	130				4	1/3	1000	1400	0.304	
	-5													130	150				5	2/4/5	1250	1750	0.374	
20	-3	36	60	60	22.5	5.5	120	φ8	8	9.5	5.5	60	12	80	104	50	40	M6	3	2	700	980	0.264	3.4
	-4													104	130				4	1/3	1000	1400	0.35	
	-5													130	150				5	2/4/5	1250	1750	0.429	
25	-3	44	70	70	26	6.5	120	φ10	9	11	6.5	70	15	100	130	57	45	M8	3	2	1260	1470	0.485	4.3
	-4													130	160				4	1/3	1800	2100	0.644	
	-5													160	180				5	2/4/5	2520	2940	0.788	
35	-3	55	100	90	35	8	160	φ12	11	14	8.5	100	18	135	180	82	62	M12	3	2	2800	2800	1.149	6.9
	-4													180	225				4	1/3	4000	4000	1.55	
	-5													225	265				5	2/4/5	5600	5714	1.908	

注：最大长度 6 米，超过最大长度可对接，请以图纸形式咨询。 Mark : Max Length 6m, exceeds the maximum length need docking refer to drawing.

圆柱导轨副 SBR 系列 Cylindrical Guide SBR Set Series

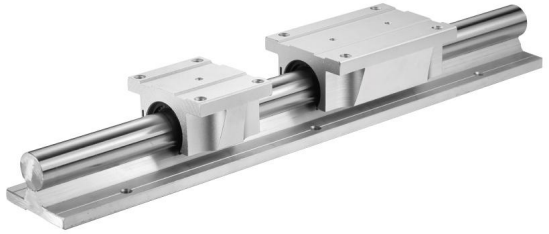


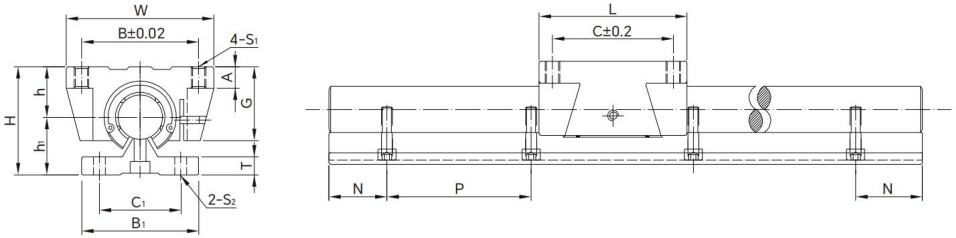


型号 Model No.		轴径 Shaft Diameter	组合尺寸 Dimensions of Assembly (mm)		滑块尺寸 Dimensions of Block(mm)								导轨尺寸 Dimensions of Rail(mm)						额定负载 Basic Load Rating		重量 Weight	
导轨 Rail	滑块 Block		H	W	e	h	F	W	L	B	C	S_1	h_1	B_1	C_1	P	T	S_2	动 dyn.c	静 stat.co	滑块 kg/pc	导轨 kg/m
SBRC10	SBR10UU	ϕ10	33	36	10	15	24	36	32	25	20	M5	18	32	22	100	4	ϕ4.5	372	549	0.065	1.2
	SBR10LUU								68		46								774	1020	0.13	
SBR12G	SBR12UU	ϕ12	39.5	40	10	17	27.6	40	39	28	26	M5	22.5	30	22	100	4	ϕ4.5	500	770	0.1	1.6
	SBR12LUU								75		50								1020	1548	0.2	
SBRC12	SBR12UU	ϕ12	36	40	10	17	27.6	40	39	28	26	M5	19	32	22	100	4	ϕ4.5	500	770	0.1	1.6
	SBR12LUU								75		50								1020	1548	0.2	
SBRC13	SBR13UU	ϕ13	36.5	40	10	17	27.6	40	39	28	26	M5	19.5	32	22	100	4	ϕ4.5	510	784	0.1	1.8
SBRC16	SBR16UU	ϕ16	45	45	12	20	33	45	45	32	30	M5	25	40	30	150	5	ϕ5.5	774	1180	0.15	2.6
	SBR16LUU								85		60								1548	2360	0.3	
SBRC20	SBR20UU	ϕ20	50	48	12	23	39	48	50	35	35	M6	27	45	30	150	5	ϕ5.5	882	1370	0.2	3.6
	SBR20LUU								96		70								1764	2740	0.4	
SBRC25	SBR25UU	ϕ25	60	60	12	27	47	60	65	40	40	M6	33	55	35	200	6	ϕ6.6	980	1570	0.45	5.4
	SBR25LUU								130		100								1960	3140	0.9	
SBRC30	SBR30UU	ϕ30	70	70	18	33	56	70	70	50	50	M8	37	60	40	200	7	ϕ6.6	1570	2740	0.63	7.5
	SBR30LUU								140		110								3140	5480	1.26	
SBRC35	SBR35UU	ϕ35	80	80	18	37	63	80	80	55	55	M8	43	65	45	200	8	ϕ9	1670	3140	0.92	10
	SBR35LUU								160		120								3440	6280	1.8	
SBRC40	SBR40UU	ϕ40	90	90	20	42	72	90	90	65	65	M10	48	75	55	200	9	ϕ9	2160	4020	1.33	13.2
	SBR40LUU								175		140								4320	8040	2.66	
SBRC50	SBR50UU	ϕ50	115	120	20	53	92	120	110	94	80	M10	62	95	70	200	11	ϕ11	3820	7940	3	20.7
	SBR50LUU								215		160	M12							7640	15880	6	

注：最大长度 6 米，超过最大长度可对接，请以图纸形式咨询。 Mark : Max Length 6m, exceeds the maximum length need docking refer to drawing.

圆柱导轨副 TBR 系列 Cylindrical Guide TBR Set Series





型号 Model No.		轴径 Shaft Diameter	组合尺寸 Dimensions of Assembly (mm)		滑块尺寸 Dimensions of Block(mm)								导轨尺寸 Dimensions of Rail(mm)						额定负载 Basic Load Rating		重量 Weight	
导轨 Rail	滑块 Block		H	W	A	h	G	W	L	B	C	S_1	h_1	B_1	C_1	P	T	S_2	动 dyn.c	静 stat.co	滑块 kg/pc	导轨 kg/m
TBR16	TBR16UU	ϕ16	40.14	62	8	18	26	62	42	50	30	M5	22.14	50	37	150	6	ϕ5.5	392	490	0.18	2.7
	TBR16LUU								85		60								784	980	0.3	
TBR20	TBR20UU	ϕ20	50.01	68	10	21	31	68	51	54	37	M6	29.01	55	40	150	8	ϕ5.5	784	1176	0.3	4.3
	TBR20LUU								96		70								1568	2352	0.42	
TBR25	TBR25UU	ϕ25	59.97	82	12	28	41	82	65	65	50	M8	31.97	65	45	200	10	ϕ6.6	1568	2352	0.6	5.9
	TBR25LUU								130		100								3136	4704	0.94	
TBR30	TBR30UU	ϕ30	70.02	91	12	33.5	48	91	75	75	60	M8	36.52	75	55	200	10	ϕ6.6	1764	2940	0.9	8.4
	TBR30LUU								140		110								3528	5880	1.22	

注：最大长度 6 米，超过最大长度可对接，请以图纸形式咨询。 Mark : Max Length 6m, exceeds the maximum length need docking refer to drawing.

YIDI MOTION

专注精密传动部件



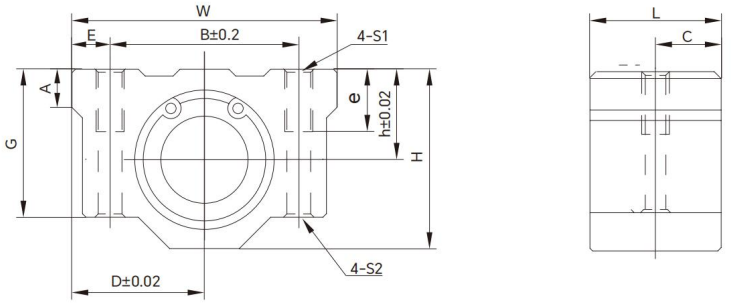
箱式滑动单元
LINEAR MOTION SLIDE UNITS

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箱式滑动单元 SCV-UU 系列 Slide Unit SCV-UU Series



SC □ V-UU



型号说明 Model Specification

SC	V	S	L	UU
铝滑块 Item	短型 Short	标准 Standard	加长 Long	密封 Seals

型号 Model No.	主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)												额定载荷 Basic Load Rating		重量 Weight kg
	h	D	L	W	H	G	A	E	B	C	S1×e	S2	动 dyn.c	静 stat.c0	
SC8V-UU	11	17	15.4	34	22	18	6	5	24	7.7	M4×8	3.4	274	392	0.027
SC10V-UU	13	20	19.9	40	26	21	8	6	28	9.95	M5×12	4.3	372	549	0.053
SC12V-UU	15	21	20.9	42	28	24	8	5.75	30.5	10.45	M5×12	4.3	510	784	0.06
SC13V-UU	15	22	20.9	44	30	24.5	8	5.5	33	10.45	M5×12	4.3	510	784	0.064
SC16V-UU	19	25	24	50	38.5	32.5	9	7	36	12	M5×12	4.3	774	1180	0.11
SC20V-UU	21	27	28	54	41	35	11	7	40	14	M6×12	5.2	882	1370	0.144
SC25V-UU	26	38	37.8	76	51.5	42	12	11	54	18.9	M8×18	7	980	1570	0.34
SC30V-UU	30	39	41.3	78	59.5	49	15	10	58	20.65	M8×18	7	1574	2740	0.424
SC35V-UU	34	45	45.3	90	68	54	18	10	70	22.65	M8×18	7	1670	3140	0.626
SC40V-UU	40	51	56.3	102	78	62	20	11	80	28.15	M10×25	8.7	2160	4020	1.0
SC50V-UU	52	61	68.8	122	102	80	25	11	100	34.4	M10×25	8.7	3820	7940	2.1
SC60V-UU	58	66	79.4	132	114	94	30	12	108	39.7	M12×25	10.7	5700	12000	3.8

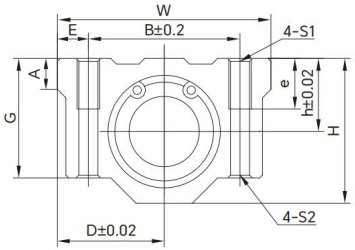
箱式滑动单元 SCS/AJ-UU 系列 Slide Unit SCS/AJ-UU Series

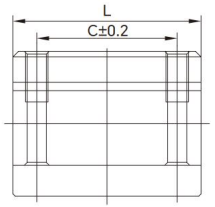


SC □ S-UU



SC □ S-AJ-UU





型号说明 Model Specification

SC	V	S	L	AJ	UU
铝滑块 Item	短型 Short	标准 Standard	加长 Long	调隙 Adjustment	密封 Seals

型号 Model No.		主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)												额定载荷 Basic Load Rating		重量 Weight kg
		h	D	L	W	H	G	A	E	B	C	S1×e	S2	动 dyn.c	静 stat.c0	
SC6S-UU	SC6S-AJ-UU	9	15	25	30	18	15	6	5	20	15	M4×8	3.4	206	265	0.034
SC8S-UU	SC8S-AJ-UU	11	17	30	34	22	18	6	5	24	18	M4×8	3.4	274	392	0.052
SC10S-UU	SC10S-AJ-UU	13	20	35	40	26	21	8	6	28	21	M5×12	4.3	372	549	0.092
SC12S-UU	SC12S-AJ-UU	15	21	36	42	28	24	8	5.75	30.5	26	M5×12	4.3	510	784	0.102
SC13S-UU	SC13S-AJ-UU	15	22	39	44	30	24.5	8	5.5	33	26	M5×12	4.3	510	784	0.12
SC16S-UU	SC16S-AJ-UU	19	25	44	50	38.5	32.5	9	7	36	34	M5×12	4.3	774	1180	0.2
SC20S-UU	SC20S-AJ-UU	21	27	50	54	41	35	11	7	40	40	M6×12	5.2	882	1370	0.255
SC25S-UU	SC25S-AJ-UU	26	38	67	76	51.5	42	12	11	54	50	M8×18	7	980	1570	0.6
SC30S-UU	SC30S-AJ-UU	30	39	72	78	59.5	49	15	10	58	58	M8×18	7	1574	2740	0.735
SC35S-UU	SC35S-AJ-UU	34	45	80	90	68	54	18	10	70	60	M8×18	7	1670	3140	1.1
SC40S-UU	SC40S-AJ-UU	40	51	90	102	78	62	20	11	80	60	M10×25	8.7	2160	4020	1.59
SC50S-UU	SC50S-AJ-UU	52	61	110	122	102	80	25	11	100	80	M10×25	8.7	3820	7940	3.34
SC60S-UU	SC60S-AJ-UU	58	66	122	132	114	94	30	12	108	90	M12×25	10.7	6500	13000	4.27

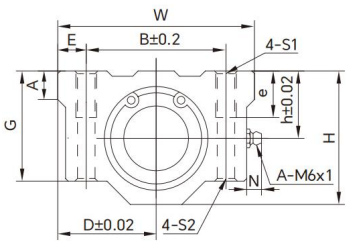
箱式滑动单元 SCL/AJL-UU 系列 Slide Unit SCL/AJL-UU Series

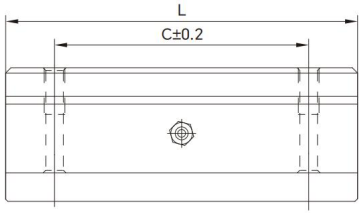


SC □ L-UU



SC □ L-AJ-UU





型号说明 Model Specification

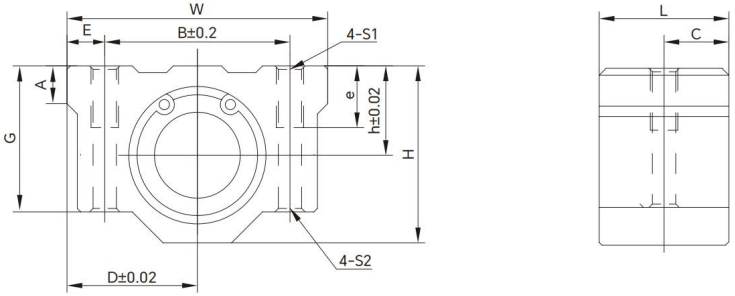
SC	V	S	L	AJ	UU
铝滑块 Item	短型 Short	标准 Standard	加长 Long	调隙 Adjustment	密封 Seals

型号 Model No.		主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)													额定载荷 Basic Load Rating		重量 Weight kg
		h	D	L	W	H	G	N	A	E	B	C	S1×e	S2	动 dyn.c	静 stat.c0	
SC8L-UU	SC8L-AJ-UU	11	17	58	34	22	18	7	6	5	24	42	M4×8	3.4	431	784	0.102
SC10L-UU	SC10L-AJ-UU	13	20	68	40	26	21	7	8	6	28	46	M5×12	4.3	588	1100	0.18
SC12L-UU	SC12L-AJ-UU	15	21	70	42	28	24	6.5	8	5.75	30.5	50	M5×12	4.3	813	1570	0.25
SC13L-UU	SC13L-AJ-UU	15	22	75	44	30	24.5	6.5	8	5.5	33	50	M5×12	4.3	813	1570	0.24
SC16L-UU	SC16L-AJ-UU	19	25	85	50	38.5	32.5	6	9	7	36	60	M5×12	4.3	1230	2350	0.4
SC20L-UU	SC20L-AJ-UU	21	27	96	54	41	35	7	11	7	40	70	M6×12	5.2	1410	2740	0.570
SC25L-UU	SC25L-AJ-UU	26	38	130	76	51.5	42	4	12	11	54	100	M8×18	7	1610	3140	1.2
SC30L-UU	SC30L-AJ-UU	30	39	140	78	59.5	49	5	15	10	58	110	M8×18	7	2450	5490	1.48
SC35L-UU	SC35L-AJ-UU	34	45	155	90	68	54	5.5	18	10	70	120	M8×18	7	2650	6270	2.2
SC40L-UU	SC40L-AJ-UU	40	51	175	102	78	62	5	20	11	80	140	M10×25	8.7	3430	8040	3.2
SC50L-UU	SC50L-AJ-UU	52	61	215	122	102	80	5	25	11	100	160	M12×25	8.7	6080	15900	6.7
SC60L-UU	SC60L-AJ-UU	58	66	240	132	114	94	5	30	12	108	180	M12×25	10.7	7000	18000	9.29

箱式滑动单元 SCEV-UU 系列 Slide Unit SCEV-UU Series



SCE □ V-UU



型号说明 Model Specification

SC	E	V	S	L	UU
铝滑块 Item	欧标 Europ	短型 Short	标准 Standard	加长 Long	密封 Seals

型号 Model No.	主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)												额定载荷 Basic Load Rating		重量 Weight kg
	h	D	L	W	H	G	A	E	B	C	S1×e	S2	动 dyn.c	静 stat.c0	
SCE8V-UU	11	17	14.4	34	22	18	6	5	24	7.2	M4×8	3.4	274	392	0.025
SCE12V-UU	15	22	20.8	44	30	24.5	8	5.5	33	10.4	M5×12	4.3	510	784	0.065
SCE16V-UU	19	25	22.4	50	38.5	32.5	9	7	36	11.2	M6×12	4.3	774	1180	0.1
SCE20V-UU	21	27	29	54	41	35	11	7	40	14.5	M6×12	5.2	882	1370	0.148
SCE25V-UU	26	38	40.9	76	51.5	42	12	11	54	20.45	M8×18	7	980	1570	0.368
SCE30V-UU	30	39	48.9	78	59.5	49	15	10	58	24.45	M8×18	7	1574	2740	0.5
SCE40V-UU	40	51	56.4	102	78	62	20	11	80	28.2	M10×25	8.7	2160	4020	1.0
SCE50V-UU	52	61	72.4	122	102	80	25	11	100	36.2	M10×25	8.7	3820	7940	2.205

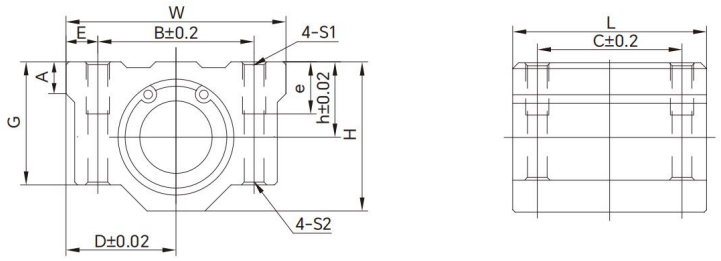
箱式滑动单元 SCE/EAJ-UU 系列 Slide Unit SCE/EAJ-UU Series



SCE □ S-UU



SCE □ S-AJ-UU



型号说明 Model Specification

SC	E	V	S	AJ	UU
铝滑块 Item	欧标 Europ	短型 Short	标准 Standard	调隙 Adjustment	密封 Seals

型号 Model No.		主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)											重量 Weight kg
密封型 Seal Type		h	D	L	W	H	G	A	E	B	C	S1×e	S2	
SCE8S-UU	SCE8S-AJ-UU	11	17	30	34	22	18	6	5	24	18	M4×8	3.4	0.098
SCE10S-UU	SCE10S-AJ-UU	13	20	35	40	26	21	8	6	28	21	M5×12	4.3	0.102
SCE12S-UU	SCE12S-AJ-UU	15	22	39	44	30	24.5	8	5.5	33	26	M5×12	4.3	0.12
SCE16S-UU	SCE16S-AJ-UU	19	25	44	50	38.5	32.5	9	7	36	34	M5×12	4.3	0.2
SCE20S-UU	SCE20S-AJ-UU	21	27	53	54	41	35	11	7	40	40	M6×12	5.2	0.27
SCE25S-UU	SCE25S-AJ-UU	26	38	67	76	51.5	42	12	11	54	50	M8×18	7	0.6
SCE30S-UU	SCE30S-AJ-UU	30	39	76	78	59.5	49	15	10	58	58	M8×18	7	0.776
SCE40S-UU	SCE40S-AJ-UU	40	51	90	102	78	62	20	11	80	60	M10×25	8.7	1.59
SCE50S-UU	SCE50S-AJ-UU	52	61	110	122	102	80	25	11	100	80	M10×25	8.7	3.34
SCE60S-UU	SCE60S-AJ-UU	58	66	137	132	114	94	30	12	108	90	M12×25	10.7	4.8

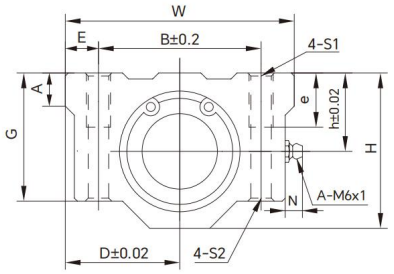
箱式滑动单元 SCEL/EAJL-UU 系列 Slide Unit SCEL/EAJL-UU Series

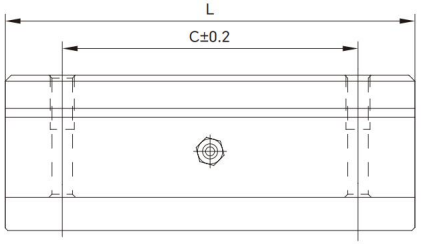


SCE □ L-UU



SCE □ L-AJ-UU





型号说明 Model Specification

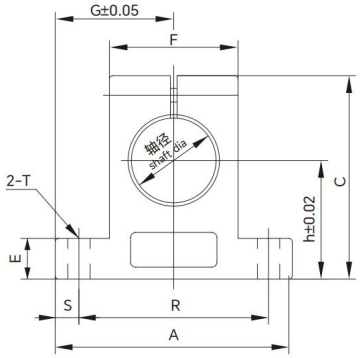
SC	E	V	S	L	AJ	UU
铝滑块 Item	欧标 Europ	短型 Short	标准 Standard	加长 Long	调隙 Adjustment	密封 Seals

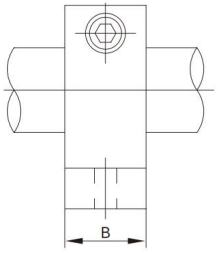
型号 Model No.		主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)												重量 Weight kg
密封型 Seal Type		h	D	L	W	H	G	A	E	B	C	S1×e	S2	
SCE8L-UU	SCE8L-AJ-UU	11	17	58	34	22	18	6	5	24	12	M4×8	3.4	0.16
SCE10L-UU	SCE10L-AJ-UU	13	20	68	40	26	21	8	6	28	46	M5×12	4.3	0.18
SCE12L-UU	SCE12L-AJ-UU	15	22	77	44	30	24.5	8	5.5	33	64	M5×12	4.3	0.237
SCE16L-UU	SCE16L-AJ-UU	19	25	89	50	38.5	32.5	9	7	36	79	M5×12	4.3	0.405
SCE20L-UU	SCE20L-AJ-UU	21	27	100	54	41	35	11	7	40	90	M6×12	5.2	0.51
SCE25L-UU	SCE25L-AJ-UU	26	38	136	76	51.5	42	12	11	54	119	M8×18	7	1.22
SCE30L-UU	SCE30L-AJ-UU	30	39	154	78	59.5	49	15	10	58	132	M8×18	7	1.58
SCE40L-UU	SCE40L-AJ-UU	40	51	180	102	78	62	20	11	80	150	M10×25	8.7	3.18
SCE50L-UU	SCE50L-AJ-UU	52	64	230	122	102	80	25	11	100	200	M12×25	8.7	6.99

铝支撑 SK 系列 Support Unit SK Series



SK

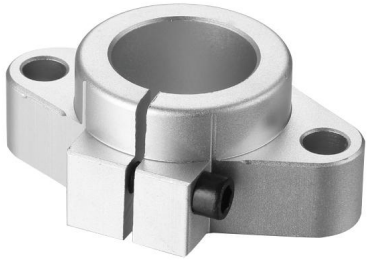




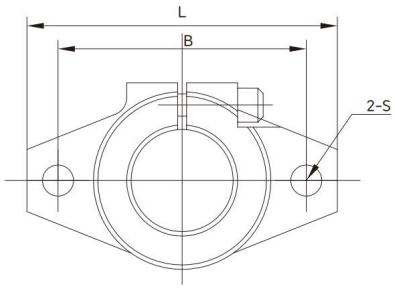
型号 Model No.	轴径 Shaft Diameter	主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)										锁紧螺栓 Clamping bolt designation	安装螺栓 Mounting bolt designation	重量 Weight kg
		h	G	A	B	C	E	F	S	R	T			
SK-8	8	20	21	42	14	32.8	6	18	5	32	5.5	M4	M5	0.024
SK-10	10	20	21	42	14	32.8	6	18	5	32	5.5	M4	M5	0.024
SK-12	12	23	21	42	14	37.5	6	20	5	32	5.5	M4	M5	0.03
SK-13	13	23	21	42	14	37.5	6	20	5	32	5.5	M4	M5	0.03
SK-16	16	27	24	48	16	44	8	25	5	38	5.5	M4	M5	0.04
SK-20	20	31	30	60	20	51	10	30	7.5	45	6.6	M5	M6	0.07
SK-25	25	35	35	70	24	60	12	38	7	56	6.6	M6	M6	0.13
SK-30	30	42	42	84	28	70	12	44	10	64	9	M6	M8	0.18
SK-35	35	50	49	98	32	82	15	50	12	74	11	M8	M10	0.27
SK-40	40	60	57	114	36	96	15	60	12	90	11	M8	M10	0.42
SK-50	50	70	63	126	40	120	18	74	13	100	14	M12	M12	0.75
SK-60	60	80	74	148	45	136	18	90	14	120	14	M12	M12	1.1

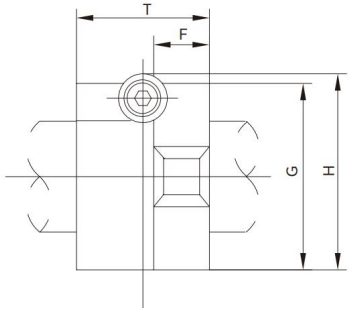
箱式滑动单元

铝支撑 SHF 系列 Support Unit SHF Series



SHF





型号 Model No.		主要尺寸和安装尺寸 Main dimensions and Mounting dimensions (mm)							锁紧螺栓 Clamping bolt designation	安装螺栓 Mounting bolt designation	重量 Weight kg
密封型 Seal Type	轴径 Shaft Diameter	L	T	F	H	G	B	2S			
SHF-8	8	43	10	-	24	-	32	5.5	M4	M5	0.013
SHF-10	10	43	10	-	24	-	32	5.5	M4	M5	0.013
SHF-12	12	47	13	4	28	25	36	5.5	M4	M5	0.02
SHF-13	13	47	13	4	28	25	36	5.5	M4	M5	0.02
SHF-16	16	50	16	6	31	28	40	5.5	M4	M5	0.027
SHF-20	20	60	20	8	37	34	48	7	M5	M6	0.04
SHF-25	25	70	25	10	42	40	56	7	M5	M6	0.06
SHF-30	30	80	30	12	50	46	64	9	M6	M8	0.11
SHF-35	35	92	35	14	58	50	72	12	M8	M10	0.38
SHF-40	40	105	40	16	67	56	80	12	M10	M10	0.51
SHF-50	50	122	50	19	83	70	96	14	M12	M12	0.89
SHF-60	60	140	60	23	95	82	112	14	M12	M12	1.5

主要设备清单 Main Equipment List

序号	设备名称	型号规格	生产厂家	使用功能
1	检测设备	SJ-410+ 台架	三丰 Mitutoyo	粗糙度仪
2	检测设备	LSM-503+ 显示器	三丰 Mitutoyo	激光测径仪
3	检测设备	CV-4500S4	三丰 Mitutoyo	轮廓仪
4	检测设备	RA-2200DH	三丰 Mitutoyo	圆度仪
5	丝杆旋风铣	LWN160.4000	莱斯特瑞兹 Leistritz	螺纹 / 蜗杆
6	丝杆旋风铣	LWN160.6000	莱斯特瑞兹 Leistritz	螺纹 / 蜗杆
7	成型滚压	PR-40CNC	宝飞螺 Profiroll	丝杠滚压
8	成型滚压	ST-20.2	台湾镁佳 Taiwan MEGA	丝杠滚压
9	成型滚压	ST-347.7	台湾镁佳 Taiwan MEGA	丝杠滚压
10	倒立车	VSC7	德国埃马克 EMAG	车削中心
11	车削中心	S10	日本阿玛达 AMADA	带 Y 轴车削中心
12	加工中心	MYCENTER-4XT	日本北村 Kitamura	五轴 4+1
13	加工中心	FZ15W	德国巨浪 Chiron	四轴
14	加工中心	DMG-MAX3000	日本德马吉森精机 DMG-MORI	四轴双交换工作台
15	加工中心	HCZ-6500	广州德力	加工长度 6500mm
16	加工中心	JM-NV900	江南数控	四轴
17	钻铣中心	JN-T500	江南数控	
18	复合车铣	GS-280Y	台湾程泰 Goodway	车铣带 Y 轴
19	复合车铣	QT-C300MYL	日本 Mazak	车铣带 Y 轴，加工长度 1 米
20	复合车铣	QT-C300MYL	日本 Mazak	车铣带 Y 轴，带中心架，加工长度 1 米
21	复合车铣	T65M/500	海德曼	车铣中心
22	数控车床	T55/300	海德曼	
23	数控车床	T358	海德曼	
24	数控车床	CH-430/800	金和车床	精密车床
25	数控车床	CH-430/1100	金和车床	精密车床
26	内螺纹磨床	SK7615	宁波明润	内螺纹磨床
27	数控端面外圆磨	GA-2020CNC	台湾荣光	外圆磨，加工长度 200mm