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腾川机械
TENGCH MACHINERY



TENGCH MACHINERY

技术领先全球 服务永做第一
Global technology leader
service always be first



台州腾川机械有限公司
TAIZHOU TENGCH MACHINERY CO.,LTD.

地址：浙江省临海市邵家渡工业区
Add: Shaojiadu Industrial Area, Linhai, Zhejiang, China.
电话/Tel: 0086-576-8563 6999 8562 2359 8562 2333
传真/Fax: 0086-576-8563 0777 8562 2332
E-mail: zhenxing9998@163.com Http://www.cntengchuan.com



台州市腾凯机械股份有限公司
TAIZHOU TENGKAI MACHINERY CO., LTD.

地址：浙江省台州市路桥洋洪工业区
Add: Yanghong Industrial Area, Luqiao, Zhejiang, China.
电话/Tel: 0086-576-8243 0998
E-mail: zhenxingsales@163.com Http://www.timtech.cn



Committed to a professional supplier
of auto parts and air-conditioning accessories
致力于汽车零部件和空调配件专业供应商

“ 为世界 创造更多可能

腾川机械是对极限性能的最纯粹诠释，
无止境的远见塑造了腾川的灵魂。
不仅如此，腾川，更凝聚着匠心而执着的精神，
唯有不懈付出方可实现。
Tengchuan machinery is the purest interpretation of the extreme performance,
Endless vision shaped Tengchuan's soul.
Not only that, Tengchuan, but also the spirit of ingenuity and perseverance,
Only unremitting efforts can be achieved.

COMMITTED

to a professional supplier
of auto parts and air-conditioning accessories
致力于汽车零部件和空调配件专业供应商



公司简介 Company Profile

台州腾川机械有限公司创办于1991年8月，位于临海市邵家渡工业区，主要从事汽车零部件和空调配件的生产和服务，集研发、生产、销售于一体。公司占地面积两万多平方米，是台州市重点骨干企业。旗下拥有一家专业从事空调零部件加工生产的子公司——台州腾凯机械股份有限公司。

经过30多年的发展，公司现有员工300多名，其中中、高级职称专业技术人员30多人，建立了完善的自动成型生产线20多条，各种先进的数控加工中心以及自动加工车床320余台。拥有精确的计量分析和品质检测设备，严格执行IATF16949:2016国际质量体系认证标准。可独立研发和制造客户要求特种零部件，满足国内外客户不同的需求。其中汽车零部件主要包括：球头、球销、球芯等杆端关节轴承，年产超五百万套，为福建龙溪，中国重汽，上海龙工等国内大型汽车、工程机械企业提供了优质的产品配套和服务；空调零部件主要包括：各种型号的接头、螺母、分配器、铜三通等，年产逾五千万套，已成为格力、美的、海尔等国内知名空调厂的优质供应商。产品销售网络覆盖全国各大省（市）、自治区，并与多家进出口公司建立了合作关系，在国外的OEM配套市场占有了一席之地。

Established in August 1991, Taizhou Tengchuan Machinery Co., Ltd is located in Shaojiadu Industrial Zone of Linhai City. As a comprehensive enterprise integrating research and development, production and sales, Taizhou Tengchuan Machinery is mainly engaged in the production and service of auto parts and air conditioning accessories. Our company which covers an area of more than 20,000 square meters is one of the key enterprises in Taizhou. Taizhou Tengchuan Machinery Co., Ltd. which is the subsidiary of our company is specialized in the processing and production of air conditioning parts. With more than 30 years of development, our company has more than 300 employees, including more than 30 professional and technical staffs with intermediate and senior professional titles. Our company has built more than 20 sophisticated automatic moulding production lines and all kinds of advanced CNC machining centers with more than 320 automatic lathes. With accurate measurement equipment, analytical equipment and quality inspection equipment, our company strictly implements the international quality system certification standard of IATF16949:2016. In order to meet the different demands of customers both at home and abroad, our company can independently develop and manufacture special parts according to the requirements of the customers. Our company which is mainly engaged in the production of auto parts including ball head, ball pin, ball core and other rod ends with an annual output of more than 5 million sets. At present our company has provided high-quality products and services for a number of major automobile enterprises and construction machinery enterprises in China, such as Fujian Longxi, SINOTRUK and Shanghai Longgong. In addition, our company is specialized in the production of air conditioning parts including various types of joints, nuts, distributors and copper tee-junctions with an annual output of more than 50 million sets. So far our company has become the high-quality supplier of many well-known air-conditioning enterprises in China, such as Gree, Midea and Haier. With nationwide sales network, our company which has established cooperative relationship with many import and export companies also wins a place in overseas market of OEM.

公司以专业的队伍、严谨的管理、超卓的设备，着力打造“中国创造”的工匠精神。公司秉持“客户利益至上”的原则，恪守“以精立业，以质取胜”的经营理念，海纳百川，博采众长，引领行业发展新潮流。

Our company has professional teams, Based on rigorous management and extraordinary equipment, our company strives to create the craftsmanship spirit of Created in China. Our company always adheres to the principle of Customer First as well as the business philosophy of Fine Business with Superior Quality. With the spirit of inclusiveness and modesty, Taizhou Tengchuan Machinery will take the lead in the new trend of industry development.



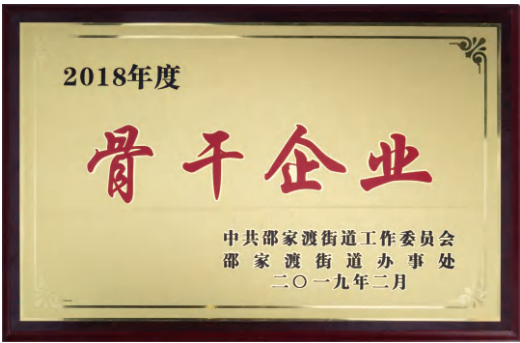


荣耀，使我远航

GLORY, LET US SAIL FAR AWAY

荣誉源于用心，每份认可的资质证书凝聚滕川人奋力拼搏的结晶，每份荣誉都是我们的金色名片和通行证，那是我们一个个路标，那是我们一次次的历程。

Honor comes from the heart, each recognized qualification certificate condenses Tengchuan people hard to crystallize, each honor is our golden business card and pass, that is our road sign, that is our journey time and time again.



现代化生产流水线

Modern production lines

用追求完美的方式来完善我们

Perfect us in the pursuit of perfection

具有专业的各系列先进生产设备，公司十分注重科学管理与新产品研发，技术力量雄厚、设备齐全、工艺先进，具有严格的质量管理体系和精益求精的工作态度，产品质量稳定，时刻准备为您提供优良的服务。

With a professional series of advanced production equipment, the company attaches great importance to scientific management and new product research and development, strong technical force, well-equipped, advanced technology, with a strict quality management system and excellence of the work attitude, product quality and stability, always ready to provide you with excellent service.



AIR CONDITIONING
ACCESSORIES SERIES

汽车配件 · 系列

高转速、低噪音、长寿命、运转时速均匀、与机器协调度高、工作效率高、不易发热。
High speed, low noise, long life, uniform running speed, high coordination with the machine, high working efficiency, and not easy to generate heat.



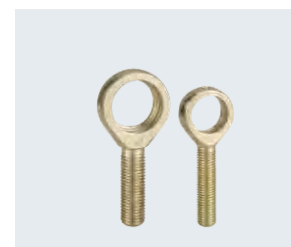
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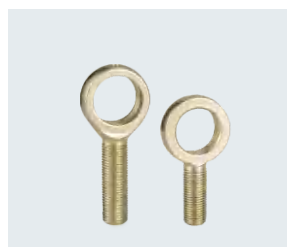
01/02



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Remarks: The above products can be customized and processed according to customer requirements



JTCMC-1011



JTCMC-1012



JTCMC-1013



SA5E(L)-60E(ES)



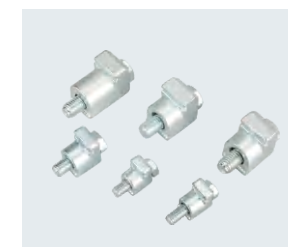
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JTCMC-1025



JTCMC-1026



JTCMC-1027



CF3-12



JTCMC-1014



JTCMC-1015



JTCMC-1016



JTCMC-1028



JTCMC-1029



JTCMC-1030



JTCMC-1031



JTCMC-1017



JTCMC-1018



JTCMC-1019



JTCMC-1020



JTCMC-1032



JTCMC-1033



JTCMC-1034



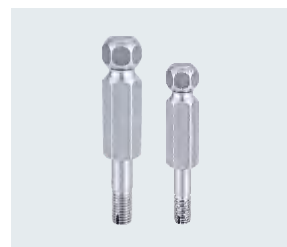
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JTCMC-1021



JTCMC-1022



JTCMC-1023



JTCMC-1036



JTCMC-1037



JTCMC-1038



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JTCMC-1040



JTCMC-1041



JTCMC-1042



JTCMC-1043



JTCMC-1056



JTCMC-1057



JTCMC-1058



JTCMC-1059



JTCMC-1044



JTCMC-1045



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JTCMC-1069



JTCMC-1070



JTCMC-1071

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JTCMC-1104



JTCMC-1105



JTCMC-1106



JTCMC-1107



JTCMC-1108



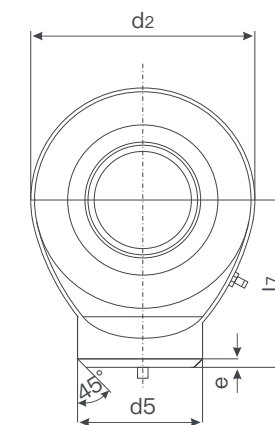
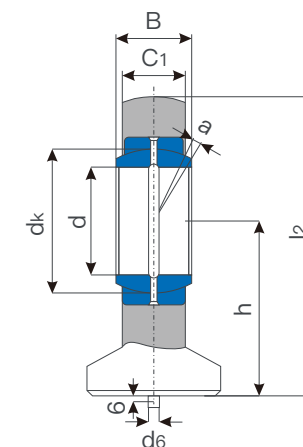
JTCMC-1109

备注：以上产品均可根据客户要求来定做加工
Remarks: The above products can be customized and processed according to customer requirements

焊接型杆端关节轴承 ROD ENDS WITH WELDING SHANK

轴承的伸出杆是用焊接性能良好的材料制成的。
由向心关节轴承GE...E或GE...ES和带有焊接坡口的伸出杆组成，杆的端部有定位销。

Bearing stretching rod is made of weldable steel.
It is made up of a spherical plain radial bearing of type GE...E or GE...ES and a stretching rod with welding slope. There is a dowel pin at the end of the rod.



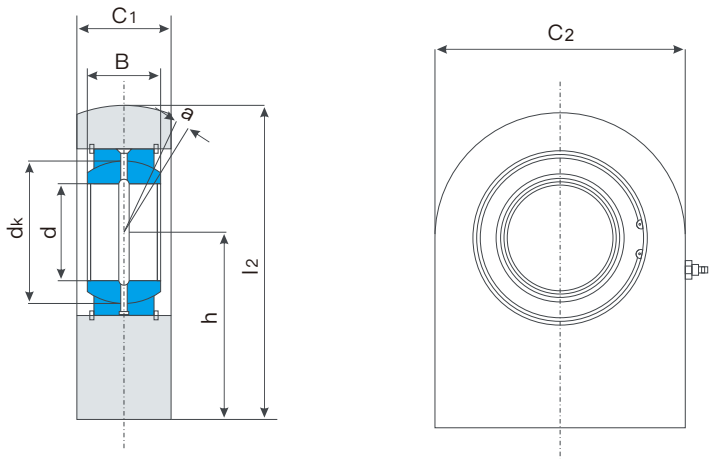
滑动摩擦副：钢/钢
Sliding contact surfaces: steel/steel

轴承型号 Bearing Type	尺寸 Dimensions											额定载荷 Rated load(kN)		重量 Weight (kg)
	d	B	C _{1max}	d2	h	l2	l7	d5	d6	e	α°	动 move	静 stirless	
SK10E	10	9	7	29	24	38.5	15	15	3	2	12	8.1	15	0.041
SK12E	12	10	8	34	27	44	18	17.5	3	2	10	10	20	0.066
SK15ES	15	12	10	40	31	51	20	21	4	2.5	8	16	24	0.12
SK17ES	17	14	11	46	35	58	23	24	4	2.5	10	21	31	0.19
SK20ES	20	16	13	53	38	64.5	27.5	27.5	4	2.5	9	30	42	0.23
SK25ES	25	20	17	64	45	77	33	33.5	4	3	7	48	66	0.43
SK30ES	30	22	19	73	51	87.5	37.5	40	4	3	6	62	87	0.64
SK35ES	35	25	21	82	61	102	43	47	4	3	6	79	99	0.96
SK40ES	40	28	23	92	69	115	48	52	4	4	7	99	122	1.3
SK45ES	45	32	27	102	77	128	52	58	6	5	7	127	160	1.8
SK50ES	50	35	30	112	88	144	59	62	6	5	6	156	193	2.5
SK60ES	60	44	38	135	100	167.5	72.5	70	6	5	6	245	294	3.9
SK70ES	70	49	42	160	115	195	86	80	6	6	6	313	406	6.6
SK80ES	80	55	47	180	141	231	98	95	6	6	6	400	494	8.7

焊接型杆端关节轴承
ROD ENDS WITU WELDING SHANK

轴承的伸出杆是用焊接性能良好的材料制成的。
由向心关节轴承GE...ES和带有平底の座组成,座底面是长方形。

Bearing stretching rod is made of weldable steel.
It is made up of a spherical plain radial bearing of type GE...ES
and housing with a rectangular welding face.



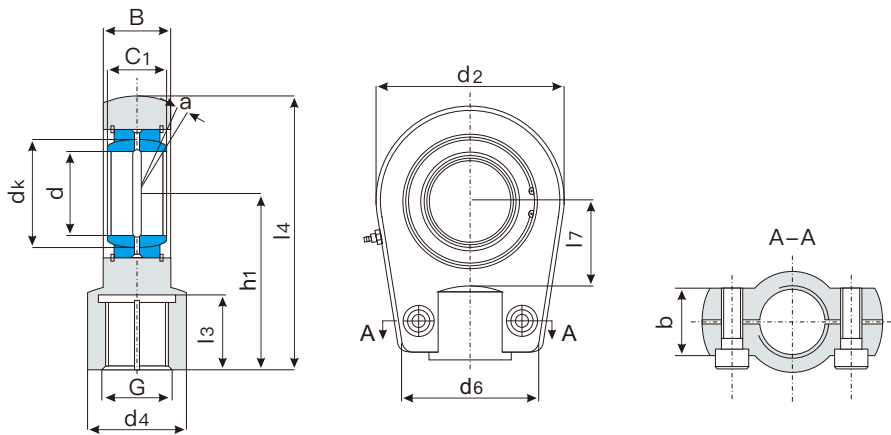
滑动摩擦副: 钢/钢
Sliding contact surfaces: steel/steel

轴承型号 Bearing Type	尺寸 Dimensions mm								额定载荷 Rated load(kN)		重量 Weight (kg)
	d	B	dk	C1 max	d2	h	l2	α° ≈	动 move	静 stirless	
SF20ES	20	16	29	19	50	38	63	9	30	67	0.35
SF25ES	25	20	35.5	23	55	45	72.5	7	48	70	0.53
SF30ES	30	22	40.7	28	65	51	83.5	6	62	118	0.85
SF35ES	35	25	47	30	83	61	102.5	6	80	196	1.5
SF40ES	40	28	53	35	100	69	119	7	100	300	2.4
SF45ES	45	32	60	40	110	77	132	7	128	380	3.4
SF50ES	50	35	66	40	123	88	149.5	6	156	440	4.3
SF60ES	60	44	80	50	140	100	170	6	245	570	7.1
SF70ES	70	49	92	55	164	115	197	6	315	710	10.6
SF80ES	80	55	105	60	180	141	231	6	400	800	15

内螺纹带锁口杆端关节轴承
ROD ENDS WITU LOCKING SLOT AND FEMALE THREAD

轴承附有带螺纹的伸出杆，螺纹有左右旋之分。
由向心关节轴承GE...ES和杆端体组装而成。
带有润滑油孔油杯。

Bearing with a stretching rod, stretching rod with right or left-
hand female thread.
It is made up a spherical plain radial bearing of type GE...ES and
rod body.
The housing with a lubrication hole or grease nipple.



滑动摩擦副: 钢/钢
Sliding contact surfaces: steel/steel

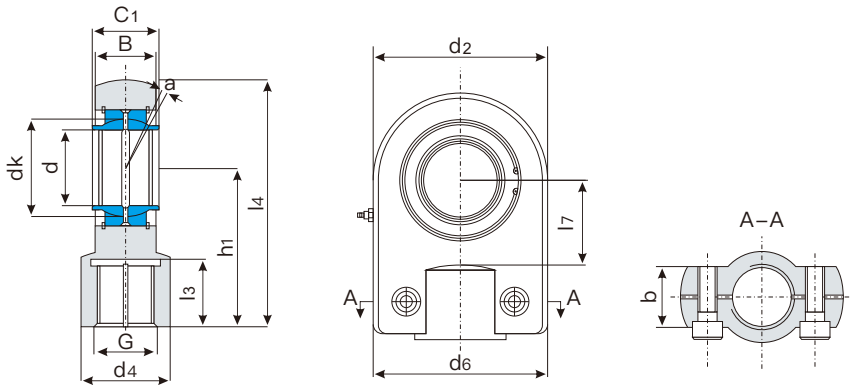
轴承型号 Bearing Type	尺寸 Dimensionsmm															额定载荷 Rated load(kN)		重量 Weight (kg)
	d	B	dk	C1 max	d2 max	G 6H	h1	l3 min	l4	l7	d4	d6	b	α°	动 move	静 stirless		
SIR20ES	20	16	29	19	56	M16*1.5	50	17	80	25	25	46	17	9	30	72	0.44	
SIR25ES	25	20	35.5	23	56	M16*1.5	50	17	80	25	28	46	21	7	48	72	0.47	
SIR30ES	30	22	40.7	28	64	M22*1.5	60	23	94	30	30	50	26	6	62	106	0.74	
SIR35ES	35	25	47	30	78	M28*1.5	70	29	112	38	40	66	28	6	80	153	1.24	
SIR40ES	40	28	53	35	94	M35*1.5	85	36	135	45	49	76	33	7	100	250	2.0	
SIR50ES	50	35	66	40	116	M45*1.5	105	46	168	55	61	90	37	6	156	365	3.8	
SIR60ES	60	44	80	50	130	M58*1.5	135	59	200	65	75	120	46	6	245	400	5.4	
SIR70ES	70	49	92	55	154	M65*1.5	150	66	237	75	86	130	51	6	315	540	8.5	
SIR80ES	80	55	105	60	176	M80*2	170	81	265	80	105	160	55	6	400	670	12	

若是左旋螺纹，轴承型号和螺纹标记需加“L”和“左”，例如: SILR30ES M22*1.5左-6H。
For left-hand thread,suffix “L” is added to bearing number and thread sign,e.g.SILR30ES M22*1.5L-6H.
d≤40以下型号螺纹部分没有锁紧螺栓。
For d≤40, The thread is without retaining screw.

内螺纹带锁口杆端关节轴承
ROD ENDS WITU LOCKING SLOT AND FEMALE THREAD

轴承附有带螺纹的伸出杆，螺纹有左右旋之分。
由向心关节轴承GE...E或GE...ES和带有焊接坡口的
伸出杆组成，杆的端部有定位销。

Bearing with a stretching rod,stretching rod with right or left-
hand female thread.
It is made up of a spherical plain radial bearing of type GE...E or
GE...ES and a stretching rod with welding slope.There is a dowel
pin at the end of the rod.



滑动摩擦副：钢/钢
Sliding contact surfaces: steel/steel

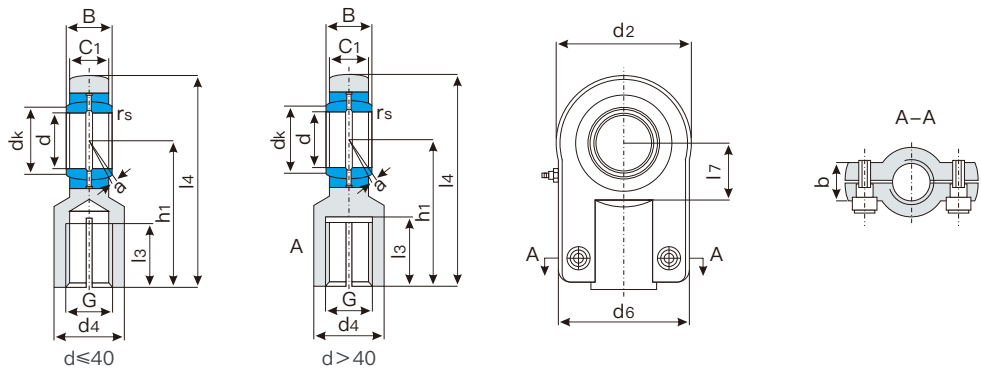
轴承型号 Bearing Type	尺寸 Dimensions mm														额定载荷 Rated load(kN)		重量 Weight (kg)
	d	B	dk	C1 max	d2	G 6H	h1	l3 min	l4	l7	d4	d6	b	α° ≈	动 move	静 stirless	
SIGEW12ES	12	12	18	11	32	M12*1.25	38	17	54	14	16.5	32	11	4	10	24.5	0.11
SIGEW16ES	16	16	23	14	40	M14*1.5	44	19	64	18	21	40	14	4	17	36.5	0.20
SIGEW20ES	20	20	29	17	47	M16*1.5	52	23	77	22	25	47	17	4	30	48	0.40
SIGEW25ES	25	25	35.5	22	58	M20*1.5	65	29	96	27	30	54	19	4	48	78	0.66
SIGEW32ES	32	32	43	28	71	M27*2	80	42	118.5	32	38	66	22	4	65	114	1.2
SIGEW40ES	40	40	53	33	90	M33*2	97	52.5	146	41	47	80	26	4	99	204	2.1
SIGEW50ES	50	50	66	41	109	M42*2	120	63.5	179.5	50	58	96	32	4	156	310	4.4
SIGEW63ES	63	63	83	53	136	M48*2	140	72	211	62	70	114	38	4	253	430	7.6
SIGEW70ES	70	70	92	57	155	M56*2	160	84	245	70	80	135	42	4	313	540	11.1
SIGEW80ES	80	80	105	66	168	M64*3	180	92.5	270	78	90	148	48	4	400	695	15

若是左旋螺纹，轴承型号和螺纹标记需加“L”和“左”，例如：SILGEW40ES M33*2左-6H。
For left-hand thread,suffix “L” is added to bearing number and thread sign,e.g.SILGEW40ES M33*2L-6H.
d≤40以下型号螺纹部分没有锁紧螺栓。
For d≤40, The thread is without retaining screw.

带锁口杆端关节轴承
ROD ENDS WITU LOCKING SLOT

轴承附有带螺纹的伸出杆，螺纹有左右旋之分。
由向心关节轴承GE...ES和杆端体组装而成。
带有润滑油孔油杯。

Bearing with a stretching rod, stretching rod, stretching rod with right or left-
handQ female thread.
It is made up of a spherical plain radial bearing of type GE...ES and rod body.
The housing with a lubrication hole or grease nipple.



滑动摩擦副：钢/钢
Sliding contact surfaces: steel/steel

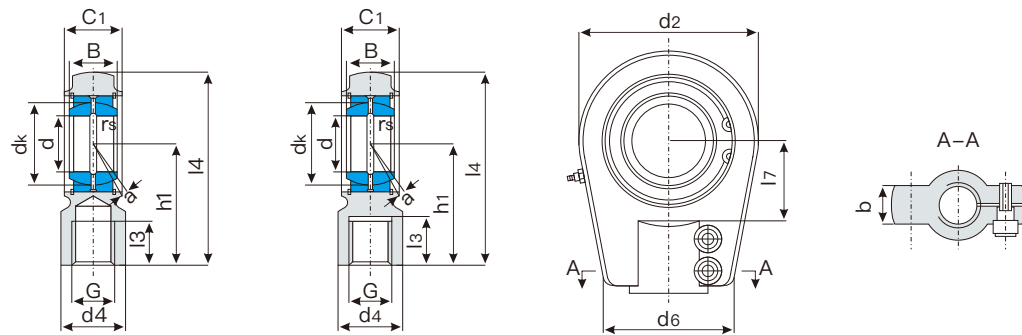
轴承型号 Bearing Type	尺寸 size mm															额定载荷 Rated load(kN)		锁紧螺钉 Screw	重量 Weight (kg)
	d	B	dk	C1	d2	G 6H	h1	l3	l4	l7	d4	d6	b	rs	α° ≈	动 move	静 stirless		
SIQ12E ¹⁾	12	10	18	8	35	M10*1.25	42	15	59.5	16	17	35	13	0.3	10	10	17	M6*12	0.12
SIQ16ES ²⁾	16	14	25	11	45	M12*1..25	48	17	70.5	20	21	45	13	0.3	10	21	28.5	M6*12	0.22
SIQ20ES ²⁾	20	16	29	13	55	M14*1.5	58	19	85.5	25	25	55	17	0.3	9	30	42.5	M8*16	0.43
SIQ25ES	25	20	35.5	17	65	M16*1.5	68	23	100.5	30	30	62	17	0.6	7	48	67	M8*16	0.67
SIQ30ES	30	22	40.7	19	80	M20*1.5	85	29	125	35	36	77	19	0.6	6	62	108	M10*20	1.25
SIQ40ES	40	28	53	23	100	M27*2	105	37	155	45	45	90	23	0.6	7	99	156	M10*25	2.16
SIQ50ES	50	35	66	30	120	M33*2	130	54	190	58	55	105	30	0.6	6	156	245	M12*30	3.90
SIQ60ES	60	44	80	38	160	M42*2	150	65	230	68	68	134	36	1	6	245	380	M16*35	8.2
SIQ80ES	80	55	105	47	205	M48*2	185	75	287.5	92	90	156	45	1	6	400	585	M20*45	16.2

无润滑通道。 No relubrication facility.
只能通过杆端眼孔润滑。 Can only be relubricated through the rod end housing.
杆端体采用碳钢锻造。 Rod end is made of carbon steel.
可装自润滑向心关节轴承。 Can supply rod ends with maintenance-free spherical plain bearing.
若是左旋螺纹，轴承型号和螺纹标记需加“L”和“左”，例如：SILQ40ES M27×2L-6H。
For left-hand thread, suffix “L” is added to bearings number and thread sign,e.g.SILQ40ES M27×2L-6H.

带锁口杆端关节轴承 ROD ENDS WITH LOCKING SLOT

轴承附有带螺纹的伸出杆，螺纹有左右旋之分。
由向心关节轴承GE...ES和杆端体组装而成。
带有润滑油孔油杯。

Bearing with a stretching rod, stretching rod, stretching rod with right or left-hand Q female thread.
It is made up of a spherical plain radial bearing of type GE...ES and rod body.
The housing with a lubrication hole or grease nipple.



滑动摩擦副：钢/钢
Sliding contact surfaces: steel/steel

轴承型号 Bearing Type	尺寸 size mm															额定载荷 Rated load(kN)		锁紧螺钉 Screw	重量 Weight (kg)
	d	B	dk	C1	d2	G 6H	h1	l3	l4	l7	d4	d6	b	rs	α°	动 move	静 stirless		
SIA25ES	25	20	35.5	23	56	M18*2	65	30	95	29	28	48	21	0.6	7	48	72	M8*20	0.62
SIA30ES	30	22	40.7	28	64	M24*2	75	35	109	34	34	56	26	0.6	6	62	106	M8*25	0.88
SIA35ES	35	25	47	30	78	M30*2	90	46	132	40	45	65	28	0.6	6	79	153	M10*30	1.52
SIA40ES	40	28	53	35	94	M39*3	105	56	155	44	56.6	77	33	0.6	7	99	250	M12*35	2.43
SIA50ES	50	35	66	40	116	M50*3	135	76	198	55	70	88	36	0.6	6	156	365	M12*35	4.75
SIA60ES	60	44	80	50	130	M64*3	170	96	240	65	87	118	46	1	6	245	400	M16*45	8.55
SIA70ES	70	49	92	55	154	M80*3	195	112	277	75	110	128	51	1	6	313	540	M16*50	12.24
SIA80ES	80	55	105	60	176	M90*3	210	122	305	80	128	156	55	1	6	400	670	M20*55	18.35

可装自润滑向心关节轴承。 Can supply rod ends with maintenance-free spherical plain bearing.
若是左旋螺纹，轴承型号和螺纹标记需加“L”和“左”，例如：SILA40ES M39x3 左-6H。
For left-hand thread, suffix “L” is added to bearings number and thread sign,e.g.SILA40ES M39x3L-6H.

AIR CONDITIONING ACCESSORIES SERIES

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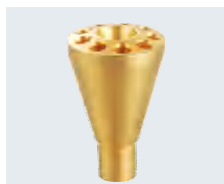
黄铜分配器
Brass distributor



黄铜分配器
Brass distributor



黄铜分配器
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黄铜管接头DG4-16
Brass pipe joint DG4-16

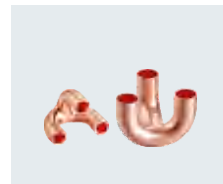


铜螺母DG4-16
Copper nut DG4-16

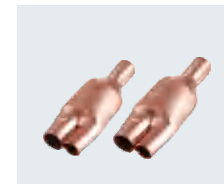


黄铜分配器
Brass distributor

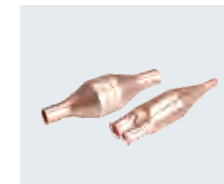
备注：以上产品均可根据客户要求来定做加工
Remarks: The above products can be customized and processed according to customer requirements



爪型三通管
Claw-shape three-way pipe



分流三通
Split-flow three-way pipe



过滤器
Filter



紫铜分液器
Red copper knockout



单向阀
Check valve



T型三通管
T-shape three-way pipe



弯头
Bend



Y型三通管
Y-shape three-way pipe

备注：以上产品均可根据客户要求来定做加工
Remarks: The above products can be customized and processed according to customer requirements