

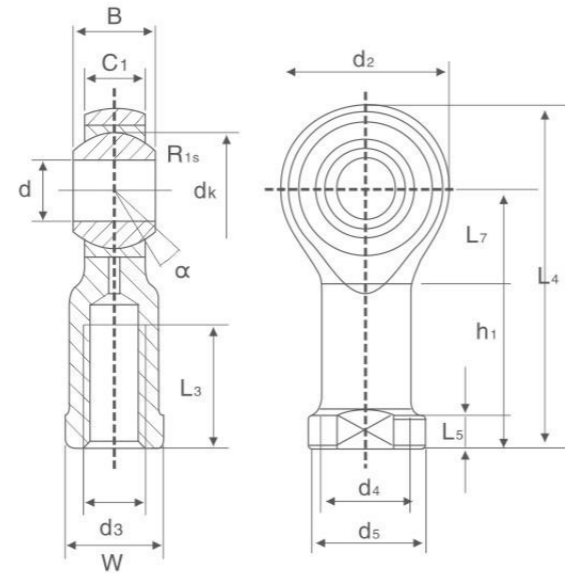
杆端关节轴承 Rod End Bearings



向心关节轴承 Spherical Plain Bearings



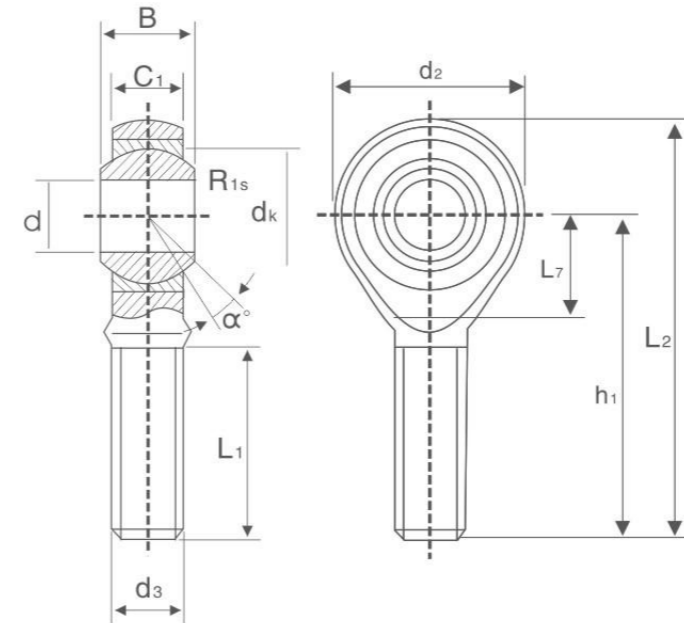
SI...T/K



Maintenance free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 钢对 PTFE 复合材料
Sliding contact surfaces : steel/ptfe
- 杆端体表面镀锌
Surface of rod body zinc plated

SA...T/K



Maintenance -free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 钢对 PTFE 复合材料
Sliding contact surfaces : steel/ptfe
- 杆端体表面镀锌
Surface of rod body zinc plated

型号 Part Number	尺寸mm (Dimensions)													负荷 KN Load ratings		重量 g Weight	
	d	d _{3GH}	B	C ₁	W	h ₁	d ₂	L ₄	L ₅	d ₄	d ₅	d _k	L _{3min}	α	动dyn.c		静stat.c ₀
SI5T/K	5	M5×0.8	8	6	9	27	18	36	4	8.5	11	11.11	10	13	5.70	6.00	16
SI6T/K	6	M6×1.0	9	6.75	11	30	20	40	5	10	13	12.70	12	13	7.20	7.65	22
SI8T/K	8	M8×1.25	12	9	14	36	24	48	5	12.5	16	15.875	16	14	11.6	12.9	47
SI10T/K	10	M10×1.5	14	10.5	17	43	28	57	6.5	15	19	19.05	20	13	14.5	18.0	77
SI10-1T/K	10	M10×1.25	14	10.5	17	43	28	57	6.5	15	19	19.05	20	13	14.5	18.0	77
SI12T/K	12	M12×1.75	16	12	19	50	32	66	6.5	17.5	22	22.225	22	13	17.0	24.0	100
SI12-1T/K	12	M12×1.25	16	12	19	50	32	66	6.5	17.5	22	22.225	22	13	17.0	24.0	100
SI14T/K	14	M14×2.0	19	13.5	22	57	36	75	8	20	25	25.40	25	16	24.0	31.0	160
SI14-1T/K	14	M14×1.5	19	13.5	22	57	36	75	8	20	25	25.40	25	16	24.0	31.0	160
SI16T/K	16	M16×2.0	21	15	24	64	40	84	8	22	27	28.575	28	15	28.5	39.0	220
SI16-1T/K	16	M16×1.5	21	15	24	64	40	84	8	22	27	28.575	28	15	28.5	39.0	220
SI18T/K	18	M18×1.5	23	16.5	27	71	44	93	10	25	31	31.75	32	15	42.5	47.5	320
SI20T/K	20	M20×1.5	25	18	30	77	50	102	10	27.5	34	34.925	33	14	42.5	57.0	420
SI22T/K	22	M22×1.5	28	20	32	84	54	111	12	30	38	38.10	37	15	57.0	68.0	540
SI25T/K	25	M24×2.0	31	22	36	94	60	124	12	33.5	42	42.85	42	15	68.0	85.0	720
SI28T/K	28	M27×2.0	35	24	41	103	66	136	14	37	46	47.60	51	15	86.0	107.0	820
SI30T/K	30	M30×2.0	37	25	41	110	70	145	15	40	50	50.80	51	17	88.0	114.0	1100
SI30-1T/K	30	M27×2.0	37	25	41	110	70	145	15	40	50	50.80	51	17	88.0	114.0	1100
SI35T/K	35	M36×2.0	43	28	50	125	81	165.5	17	46	58	57.10	56	16	101	206	1600
SI40T/K	40	M42×2.0	49	33	55	142	91	187.5	19	53	65	66.60	60	17	124	280	2400
SI50T/K	50	M48×2.0	60	45	65	160	117	218.5	23	65	75	82.50	65	12	308	485	5000

注:

- 若是左旋螺纹, 轴承型号需加 "L", 例如: SIL 18 T/K。
- For left-hand thread, please add suffix "L", e.g. SIL 18 T/K.
- 如需不锈钢材料, 请在材料后面加 "S" 例如 SI8T/KS。
- If needs the stainless steel miltering please to add "S" behind the model row for example: SI8T/K S.

型号 Part Number	尺寸mm (Dimensions)													负荷 Load ratings		重量 g Weight
	d	d _{3EG}	B	C ₁	L _{1min}	d ₂	L ₇	h	L ₂	d _k	R _{1s}	α	动dyn.c	静stat.c ₀		
SA5T/K	5	M5×0.8	8	6	19	18	.	33	42	11.11	0.3	13	5.70	6.00	13	
SA6T/K	6	M6×1.0	9	6.75	21	20	.	36	46	12.70	0.3	13	7.20	7.65	20	
SA8T/K	8	M8×1.25	12	9	25	24	.	42	54	15.875	0.3	14	11.6	12.9	38	
SA10T/K	10	M10×1.5	14	10.5	28	28	.	48	62	19.05	0.3	13	14.5	18.0	55	
SA12T/K	12	M12×1.75	16	12	32	32	.	54	70	22.225	0.3	13	17.0	24.0	85	
SA14T/K	14	M14×2.0	19	13.5	36	36	18	60	78	25.40	0.3	16	24.0	31.0	140	
SA16T/K	16	M16×2.0	21	15	37	40	21	66	87	28.575	0.3	15	28.5	39.0	210	
SA18T/K	18	M18×1.5	23	16.5	41	44	22	72	94	31.75	0.3	15	42.5	47.5	280	
SA20T/K	20	M20×1.5	25	18	45	50	25	78	103	34.925	0.3	14	42.5	57.0	380	
SA22T/K	22	M22×1.5	28	20	48	54	27	84	111	38.10	0.3	15	57.0	68.0	480	
SA25T/K	25	M24×2.0	31	22	55	60	30	94	124	42.85	0.3	15	68.0	85.0	640	
SA28T/K	28	M27×2.0	35	24	62	66	33	103	136	47.60	0.3	15	86.0	107.0	800	
SA30T/K	30	M30×2.0	37	25	66	70	35	110	145	50.80	0.3	17	88.0	114.0	1100	
SA35T/K	35	M36×2.0	43	28	85	81	41	140	180.5	57.10	0.3	16	101	206	1640	
SA40T/K	40	M42×2.0	49	33	90	91	46	150	195.5	66.60	0.3	17	124	280	2300	
SA50T/K	50	M48×2.0	60	45	105	117	59	185	243.5	82.50	0.3	12	308	485	4800	

注:

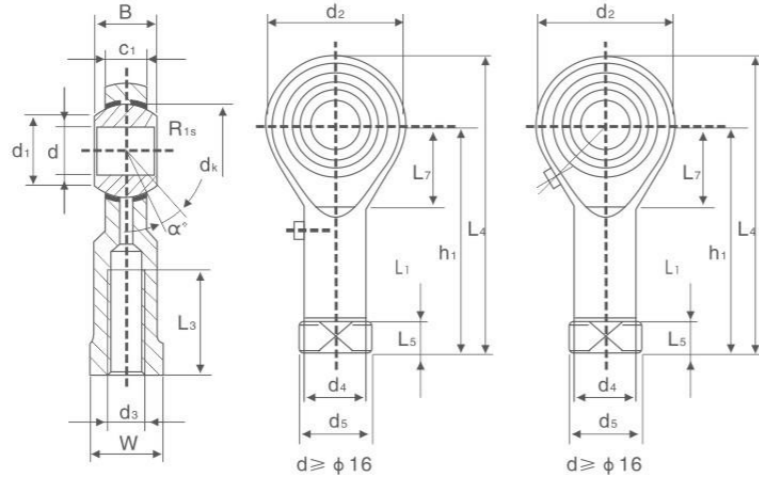
- 若是左旋螺纹, 轴承型号需加 "L", 例如: SAL 18 T/K。
- For left-hand thread, please add suffix "L", e.g. SAL 18 T/K.
- 如需不锈钢材料, 请在材料后面加 "S" 例如 SA8T/KS。
- If needs the stainless steel miltering please to add "S" behind the model row for example: SA8T/K S.

PHS



Maintenance required

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 外圈球面镶有青铜衬垫
Outer race lined with bronze liner
- 杆端体表面镀锌，有润滑孔或油杯
Surface of rod body zinc plated, rod body with a lubricating hole or grease nipple

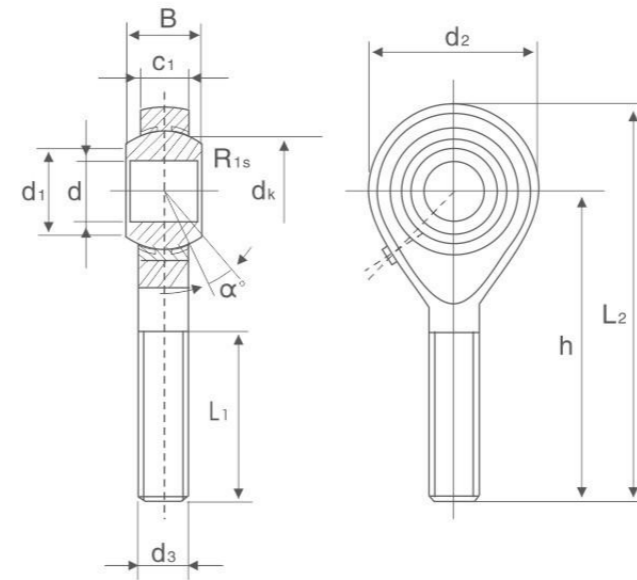


POS



Maintenance required

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 外圈球面镶有青铜衬垫
Outer race lined with bronze liner
- 杆端体表面镀锌，有润滑孔或油杯
Surface of rod body zinc plated, rod body with a lubricating hole or grease nipple



型号 Part Number	尺寸mm (Dimensions)														负荷KN Load ratings		重量 g Weight	
	d	G	B	C ₁	W	L ₃ min	d ₂	L ₄	h ₁	L ₅	d ₄	d ₅	d _k	d ₁	α _≈	动dyn.c		静stat.c ₀
PHS 5	5	M5X0.8	8	6	9	10	16	35	27	4	8.5	11	11.11	7.70	13	3.25	5.70	16
PHS 6	6	M6X1.0	9	6.75	11	12	18	39	30	5	10.0	13	12.7	8.96	13	4.30	7.20	22
PHS 8	8	M8X1.25	12	9	14	16	22	47	36	5	12.5	16	15.875	10.4	14	7.20	11.6	47
PHS 10	10	M10X1.5	14	10.5	17	20	26	56	43	6.5	15.0	19	19.05	12.9	13	10.0	14.5	77
PHS 10-1	10	M10X1.25	14	10.5	17	20	26	56	43	6.5	15.0	19	19.05	12.9	13	10.0	14.5	77
PHS 12	12	M12X1.75	16	12	19	22	30	65	50	6.5	17.5	22	22.225	15.4	13	13.4	17.0	100
PHS 12-1	12	M12X1.25	16	12	19	22	30	65	50	6.5	17.5	22	22.225	15.4	13	13.4	17.0	100
PHS 14	14	M14X2.0	19	13.5	22	25	34	74	57	8	20.0	25	25.4	16.9	16	17.0	24.0	160
PHS 14-1	14	M14X1.5	19	13.5	22	25	34	74	57	8	20.0	25	25.5	16.9	16	17.0	24.0	160
PHS 16	16	M16X2.0	21	15	24	28	38	83	64	8	22.0	27	28.575	19.4	15	21.6	28.5	220
PHS 16-1	16	M16X1.5	21	15	24	28	38	83	64	8	22.0	27	28.575	19.4	15	21.6	28.5	220
PHS 18	18	M18X1.5	23	16.5	27	32	42	92	71	10	25.0	31	31.75	21.9	15	26.0	42.5	320
PHS 20	20	M20X1.5	25	18	30	33	46	100	77	10	27.5	34	34.925	24.4	14	31.5	42.5	420
PHS 22	22	M22X1.5	28	20	32	37	50	111	84	12	30.0	38	38.10	25.8	15	38.0	57.0	540
PHS 25	25	M24X2.0	31	22	36	42	60	124	94	12	33.5	42	42.85	29.6	15	47.5	68.0	730
PHS 28	28	M27X2.0	35	24	41	48	66	136	103	14	37.0	46	47.6	32.3	15	58.0	75.0	980
PHS 30	30	M30X2.0	37	25	41	51	70	145	110	15	40.0	50	50.8	34.8	17	64.0	88.0	1100
PHS 30-1	30	M27X2.0	37	25	41	51	70	145	110	15	40.0	50	50.8	34.8	17	64.0	88.0	1100

注：

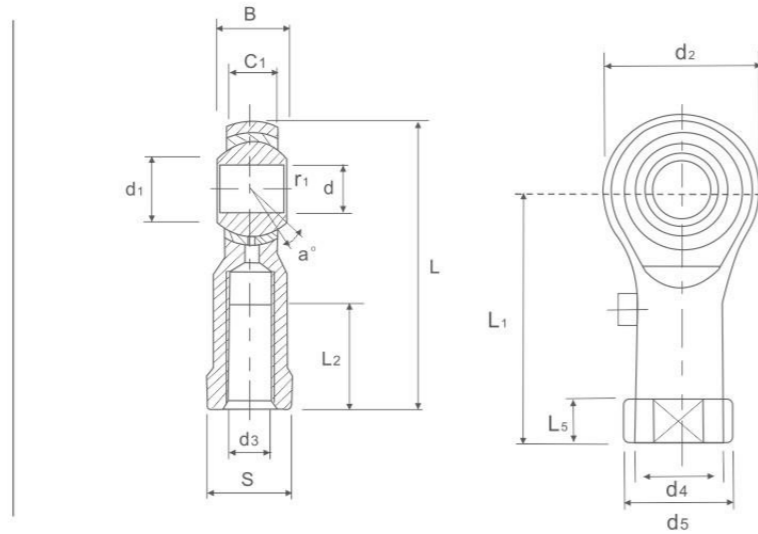
- 若是左旋螺纹，轴承型号需加“L”，例如：PHSL 8.
- For left-hand thread, please add suffix "L", e.g.PHSL 8.
- 如需不锈钢材料，请在材料后面加“S”例如 PHS 8 S.
- If needs the stainless steel mitering please to add "S" behind the model row for example:PHS 8 S.

型号 Part Number	尺寸mm (Dimensions)											负荷KN Load ratings		重量 g Weight	
	d	d ₃ 6 _z	B	C ₁	L ₁	d ₂	h	L ₂	d _k	R _{1s}	d ₁	α _≈	动dyn.c		静stat.c ₀
POS 5	5	M5X0.8	8	6	20	16	33	41	11.11	0.3	7.70	13	3.25	5.70	13
POS 6	6	M6X1.0	9	6.75	22	18	36	45	12.70	0.3	8.96	13	4.30	7.20	20
POS 8	8	M8X1.25	12	9	25	22	42	53	15.875	0.3	10.4	14	7.20	11.6	30
POS 10	10	M10X1.5	14	10.5	29	26	48	61	19.05	0.3	12.9	13	10.0	14.5	55
POS 12	12	M12X1.75	16	12	33	30	54	69	22.225	0.3	15.4	13	13.4	17.0	85
POS 14	14	M14X2.0	19	13.5	36	34	60	77	25.40	0.3	16.9	16	17.0	24.0	140
POS 16	16	M16X2.0	21	15	40	38	66	85	28.575	0.3	19.4	15	21.6	28.5	210
POS 18	18	M18X1.5	23	16.5	44	42	72	94	31.75	0.3	21.9	15	26.0	42.5	280
POS 20	20	M20X1.5	25	18	47	46	78	101	34.925	0.3	24.4	15	31.5	52.5	380
POS 22	22	M22X1.5	28	20	51	50	84	111	38.10	0.3	25.8	15	38.0	57.0	480
POS 25	25	M24X2.0	31	22	57	60	94	124	42.85	0.3	29.6	15	47.5	68.0	640
POS 28	28	M28X2.0	35	24	62	66	103	136	47.60	0.3	32.3	15	58.0	75.5	960
POS 30	30	M30X2.0	37	25	66	70	110	145	50.80	0.3	34.8	17	64.0	88.0	1100

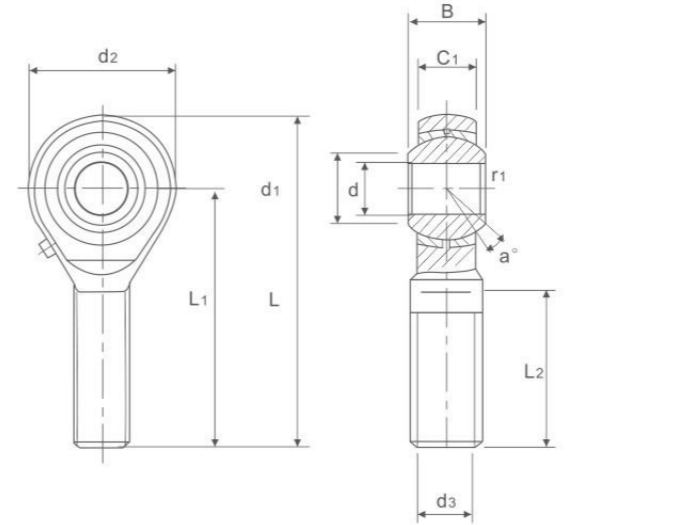
注：

- 若是左旋螺纹，轴承型号需加“L”，例如：POS 8.
- For left-hand thread, please add suffix "L", e.g.POSL 8.
- 如需不锈钢材料，请在材料后面加“S”例如 POS 8 S.
- If needs the stainless steel mitering please to add "S" behind the model row for example:POS 8 S.

PHSB



POSB



型号 Part Number	尺寸mm (Dimensions)													a° ≈	重量 (g)
	d	d2	B	C1	S	d3	d5	L	L1	L2	d1	Cd	Cs		
PHSB 3	.1900	.6250	.312	.250	.312	0.19	.406	1.38	1.06	.562	.306	780	2090	13	14
	4.826	15.88	7.92	6.35	7.92	-32UNF	10.3	34.9	27	14.3	7.77				
PHSB 4	.2500	.7500	.375	.281	.375	0.25	.468	1.69	1.31	.75	.355	1030	3040	13	23
	6.35	19.05	9.53	7.14	9.53	1/4	11.9	42.9	33.3	19.1	9.02				
PHSB 5	.3125	.8750	.437	.344	.437	0.3125	.500	1.81	1.38	.750	.447	1530	3800	13	36
	7.938	22.23	11.10	8.74	11.10	5/16	12.7	46	34.9	19.1	11.35				
PHSB 6	.3750	1.000	.500	.406	.562	0.375	.687	2.13	1.63	.937	.517	2080	4980	13	59
	9.525	25.40	12.70	10.31	14.27	3/8	17.5	54	41.3	23.8	13.13				
PHSB 7	.4375	1.125	.562	.437	.625	0.4375	.750	2.38	1.81	1.06	.586	2520	6020	13	82
	11.11	28.58	14.27	11.10	15.88	7/16	19.1	60.3	46	27	14.88				
PHSB 8	.5000	1.312	.625	.500	.750	0.5	.875	2.78	2.13	1.19	.698	3330	8370	13	132
	12.70	33.32	15.88	12.70	19.05	1/2	22.2	70.6	54	30.2	17.73				
PHSB 10	.6250	1.500	.750	.562	.875	0.625	1.00	3.25	2.50	1.5	.839	4500	9050	13	191
	15.88	38.10	19.05	14.27	22.23	5/8	25.4	82.6	63.5	38.1	21.31				
PHSB 12	.7500	1.750	.875	.687	1.000	0.75	1.13	3.75	2.88	1.75	.978	6410	12700	13	286
	19.05	44.46	22.23	17.45	25.4	3/4	28.6	95.3	73	44.5	28.84				
PHSB 16	1.000	2.750	1.375	1.000	1.500	1.25	1.75	5.5	4.13	2.13	1.269	13300	19500	13	998
	25.40	69.85	34.93	25.40	38.10	1 1/4	44.5	140	105	54	32.23				

注：

- 若是左螺纹，轴承型号和螺纹标记需加“L”和“左”
- 例如：POSB6L M3/8×24g左
- For left-hand thread surfix “L” is added to bearings number and thread signeg POSB6L M3/8×24gL
- 外滑动面镶有青铜衬垫
- The surface of spherical plain with a bronze line
- 表端体表面镀锌，有润滑油孔或油杯
- To plate zine on the surace of rod body the housing with a lubrication or agrease nipple

型号 Part Number	尺寸mm (Dimensions)													a° ≈	重量 (g)
	d	d2	B	C1	d3	L	L1	L2	d1	Cd	Cs				
POSB 3	.1900	.6250	.312	.250	0.19	1.536	1.250	.750	.306	780	2090	13	14		
	4.826	15.88	7.92	6.35	-32UNF	39.70	31.75	19.05	7.77						
POSB 4	.2500	.7500	.375	.281	0.25	1.937	1.562	1.000	.355	1030	3040	13	23		
	6.35	19.05	9.53	7.14	1/4	-28UNF	49.20	-39.67	25.40	9.02					
POSB 5	.3125	.8750	.437	.344	0.3125	2.312	1.875	1.250	.447	1530	3800	13	36		
	7.938	22.23	11.10	8.74	5/16	-24UNF	58.72	47.63	31.75	11.35					
POSB 6	.3750	1.000	.500	.406	0.375	2.438	1.938	1.250	.517	2080	4980	13	54		
	9.525	25.40	12.70	10.31	3/8	-24UNF	61.93	49.23	31.75	13.13					
POSB 7	.4375	1.125	.562	.437	0.4375	2.688	2.125	1.375	.586	2520	6020	13	77		
	11.11	28.58	14.27	11.10	7/16	-20UNF	68.28	53.98	34.93	-14.88					
POSB 8	.5000	1.312	.625	.500	.5	3.094	2.438	1.500	.698	3330	8370	13	127		
	12.70	33.32	15.88	12.70	1/2	-20UNF	78.59	61.93	38.10	17.73					
POSB 10	.6250	1.500	.750	.562	0.625	3.375	2.625	1.625	.893	4500	9050	13	186		
	15.88	38.10	19.05	14.27	5/8	-18UNF	85.73	66.68	41.28	21.31					
POSB 12	.7500	1.750	.875	.687	0.75	3.750	2.875	1.750	.978	6410	12700	13	295		
	19.05	44.46	22.23	17.45	3/4	-16UNF	95.25	73.03	44.45	24.84					
POSB 16	1.000	2.750	1.375	1.000	1.25	5.500	4.125	2.125	1.269	13300	19500	13	1129		
	25.40	69.85	34.93	25.40	1 1/4	-12UNF	139.7	104.8	53.98	32.23					

注：

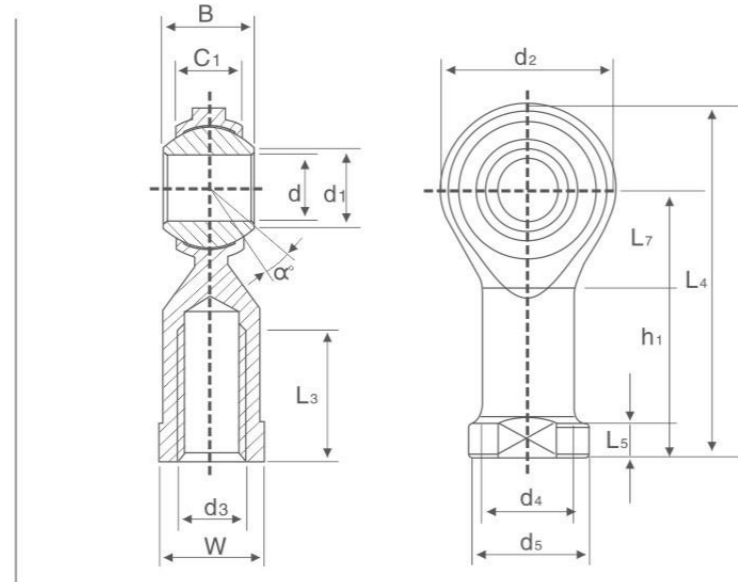
- 若是左螺纹，轴承型号和螺纹标记需加“L”和“左”
- 例如：POSB6L M3/8×24g左
- For left-hand thread surfix “L” is added to bearings number and thread signeg POSB6L M3/8×24gL
- 外滑动面镶有青铜衬垫
- The surface of spherical plain with a bronze line
- 表端体表面镀锌，有润滑油孔或油杯
- To plate zine on the surace of rod body the housing with a lubrication or agrease nipple

NHS



Maintenance free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 杆端体挤压成形
Rod body pressed around inner ring
- 外圈球面粘贴有 PTFE 合成材料
Outer race lined with PTFE composite material
- 杆端体表面镀锌
Surface of rod body zinc plated

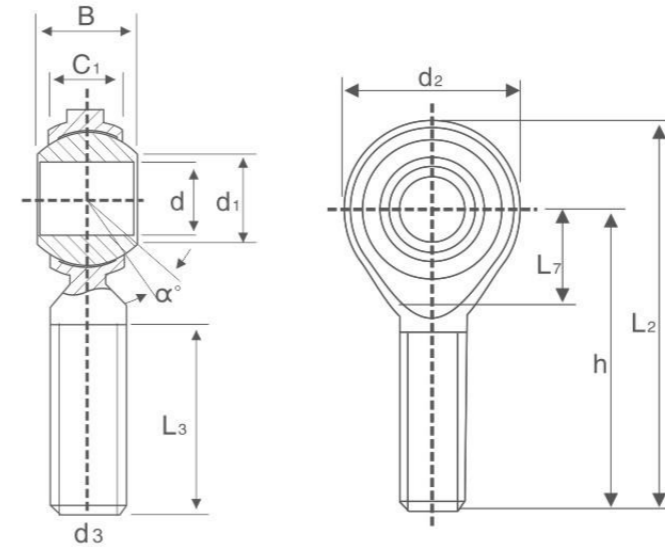


NOS



Maintenance free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 杆端体挤压成形
Rod body pressed around inner ring
- 外圈球面粘贴有 PTFE 合成材料
Outer race lined with PTFE composite material
- 杆端体表面镀锌
Surface of rod body zinc plated



型号 Part Number	尺寸mm (Dimensions)														负荷KN Load ratings		重量 g Weight
	d	d _{3/6H}	B	C ₁	W	h ₁	d ₂	L ₄	L ₅	d ₄	d ₅	d _k	L _{3 min}	α	动dyn.c	静stat.c ₀	
NHS 3	3	M3×0.5	6	4.5	7	21	12	27	3	6.5	8	7.89	10	11	1.7	2.0	10
NHS 4	4	M4×0.7	7	5.25	8	24	14	31	4	8	9.5	9.49	12	12	2.5	2.9	12
NHS 5	5	M5×0.8	8	6	9	27	18	36	4	8.5	11	11.11	10	13	5.70	6.00	16
NHS 6	6	M6×1.0	9	6.75	11	30	20	40	5	10	13	12.70	12	13	7.20	7.65	22
NHS 8	8	M8×1.25	12	9	14	36	24	48	5	12.5	16	15.875	16	14	11.6	12.9	47
NHS 10	10	M10×1.5	14	10.5	17	43	28	57	6.5	15	19	19.05	20	13	14.5	18.0	77
NHS 10-1	10	M10×1.25	14	10.5	17	43	28	57	6.5	15	19	19.05	20	13	14.5	18.0	77
NHS 12	12	M12×1.75	16	12	19	50	32	66	6.5	17.5	22	22.225	22	13	17.0	24.0	100
NHS 12-1	12	M12×1.25	16	12	19	50	32	66	6.5	17.5	22	22.225	22	13	17.0	24.0	100
NHS 14	14	M14×2.0	19	13.5	22	57	36	75	8	20	25	25.40	25	16	24.0	31.0	160
NHS 14-1	14	M14×1.5	19	13.5	22	57	36	75	8	20	25	25.40	25	16	24.0	31.0	160
NHS 16	16	M16×2.0	21	15	22	64	42	85	8	22	27	28.575	28	15	28.5	39.0	220
NHS 16-1	16	M16×1.5	21	15	22	64	42	85	8	22	27	28.575	28	15	28.5	39.0	220
NHS 18	18	M18×1.5	23	16.5	27	71	44	93	10	25	31	31.75	32	15	42.5	47.5	320
NHS 20	20	M20×1.5	25	18	30	77	50	102	10	27.5	34	34.925	33	14	42.5	57.0	420
NHS 22	22	M22×1.5	28	20	32	84	54	111	12	30	38	38.10	37	15	57.0	68.0	540
NHS 25	25	M24×2.0	31	22	36	94	60	124	12	33.5	42	42.85	42	15	68.0	85.0	720

注:

- 若是左旋螺纹, 轴承型号需加“L”, 例如: NHS 18 L。
- For left-hand thread, please add suffix “L”, e.g. NHS 18 L.

型号 Part Number	尺寸mm (Dimensions)									负荷KN Load ratings		重量 g Weight
	d	d _{3/6H}	B	C ₁	d ₂	h	L ₂	L _{3 min}	α	动dyn.c	静stat.c ₀	
NOS 3	3	M3×0.5	6	4.9	12	27	33	15	11	1.7	2.00	10
NOS 4	4	M4×0.7	7	5.25	14	30	37	17	12	2.5	2.90	12
NOS 5	5	M5×0.8	8	6	18	33	42	20	13	5.70	6.00	13
NOS 6	6	M6×1.0	9	6.75	20	36	46	22	13	7.20	7.65	20
NOS 8	8	M8×1.25	12	9	24	42	54	25	14	11.6	12.9	38
NOS 10	10	M10×1.5	14	10.5	28	48	62	29	13	14.5	18.0	55
NOS 12	12	M12×1.75	16	12	32	54	70	33	13	17.0	24.0	85
NOS 14	14	M14×2.0	19	13.5	36	60	78	36	16	24.0	31.0	140
NOS 16	16	M16×2.0	21	15	42	66	87	40	15	28.5	39.0	210
NOS 18	18	M18×1.5	23	16.5	44	72	94	44	15	42.5	47.5	280
NOS 20	20	M20×1.5	25	18	50	78	103	47	14	42.5	57.0	380
NOS 22	22	M22×1.5	28	20	54	84	111	50	15	57.0	68.0	480
NOS 25	25	M24×2.0	31	22	60	94	124	57	15	68.0	85.0	640

注:

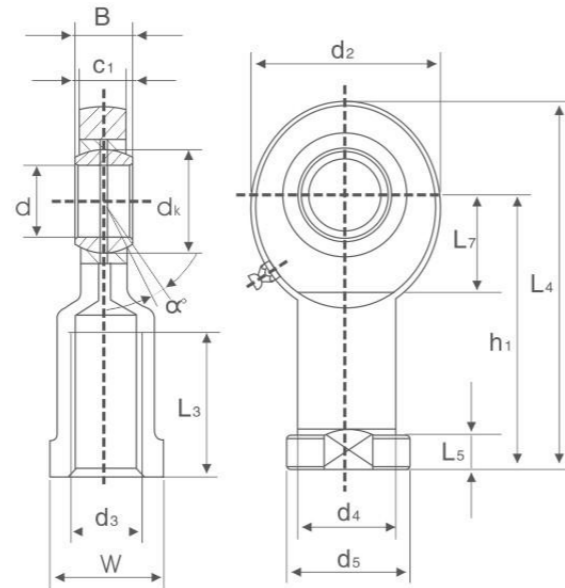
- 若是左旋螺纹, 轴承型号需加“L”, 例如: NOS 18 L。
- For left-hand thread, please add suffix “L”, e.g. NOS 18 L.

SI...ES



Maintenance required

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 由杆端体和向心关节轴承 GE..E (S) 或 GE..ES 2RS 组成
It is made up of a radial spherical plain bearing GE..E (S) or GE..ES 2RS and rod body
- 杆端体表面镀锌, SI..ES 型杆端体有润滑油孔或油杯
Surface of rod body zinc plated, housing of SI..ES with alubricating hole or grease nipple

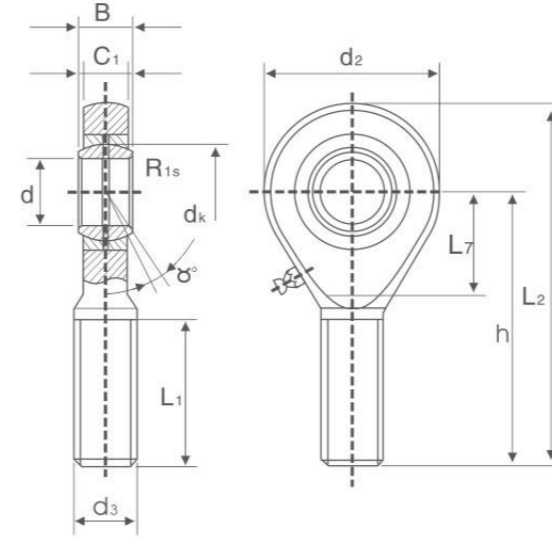


SA...ES



Maintenance required

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 由杆端体和向心关节轴承 GE..E (S) 或 GE..ES 2RS 组成
It is made up of a radial spherical plain bearing GE..E (S) or GE..ES 2RS and rod body
- 杆端体表面镀锌, SI..ES 型杆端体有润滑油孔或油杯
Surface of rod body zinc plated, housing of SI..ES with alubricating hole or grease nipple



型号 Part Number	尺寸mm (Dimensions)														负荷 Load ratings		重量 g Weight
	d	d _{3GH}	B	C ₁	L _{3min}	W	d ₂	h ₁	L ₄	L ₅	d ₄	d ₅	d _k	α	动dyn.c	静stat.c ₀	
SI 6 ES*	6	M6×1.0	6	4.4	11	11	21	30	40.5	5	10	13	10	13	3.40	8.15	21
SI 8 ES*	8	M8×1.25	8	6.0	15	14	24	36	48	5	12.5	16	13	15	5.50	12.9	39
SI 10 ES*	10	M10×1.5	9	7.0	20	17	29	43	57.5	6.5	15	19	16	12	8.15	17.6	61
SI 12 ES*	12	M12×1.75	10	8.0	23	19	34	50	67	6.5	17.5	22	18	11	10.8	24.5	96
SI 15 ES	15	M14×2.0	12	10	30	22	40	61	81	8	21	26	22	8	17.0	36.0	180
SI 17 ES	17	M16×2.0	14	11	34	27	46	67	90	10	24	30	25	10	21.2	45.0	220
SI 20 ES	20	M20×1.5	16	13	40	32	53	77	103.5	10	27.5	35	29	9	30.0	60.0	350
SI 25 ES	25	M24×2.0	20	17	48	36	64	94	126	12	33.5	42	35.5	7	48.0	83.0	640
SI 30 ES	30	M30×2.0	22	19	56	41	73	110	146.5	15	40	50	40.7	6	62.0	110	930
SI 35 ES	35	M36×3.0	25	21	60	50	82	125	166	15	47	58	47	6	80.0	146	1300
SI 40 ES	40	M39×3.0	28	23	65	55	92	142	188	18	52	65	53	7	100	180	2000
SI 45 ES	45	M42×3.0	32	27	65	60	102	145	196	20	58	70	60	7	127	240	2500
SI 50 ES	50	M45×3.0	35	30	68	65	112	160	216	20	62	75	66	6	156	290	3500
SI 60 ES	60	M52×3.0	44	38	70	75	135	175	242.5	20	70	88	80	6	245	450	5500
SI 70 ES	70	M56×4.0	49	42	80	85	160	200	280	20	80	98	92	6	315	610	8600
SI 80 ES	80	M64×4.0	55	47	85	100	180	230	320	25	95	110	105	6	400	750	12000

注:

- 若是左旋螺纹, 轴承型号需加“L”, 例如: SI130ES。
- For left-hand thread, please add suffix "L", e.g. SI130es.
- 轴承孔径d≥15, 也可制造2RS结构, 例如: SI25ES 2RS。
- For bearings d≥15, SI..ES 2RS also available, e.g. SI 25 ES 2RS.
- 带*的型号均不配油孔或油杯。
- Lubricating hole or grease nipple isn't available for the sizes marked "**"

型号 Part Number	尺寸mm (Dimensions)														负荷 Load ratings		重量 g Weight
	d	d _{3GH}	B	C ₁	L _{1min}	d ₂	L _{7min}	h	L ₂	d _k	R _{1s}	α	动dyn.c	静stat.c ₀			
SA 6 ES*	6	M6×1.0	6	4.4	18	21	11	36	46.5	10	0.3	13	3.40	8.15	17		
SA 8 ES*	8	M8×1.25	8	6	22	24	14	42	54	13	0.3	15	5.50	12.9	29		
SA 10 ES*	10	M10×1.5	9	7	26	29	15	48	62.5	16	0.3	12	8.15	17.6	51		
SA 12 ES*	12	M12×1.75	10	8	28	34	17	54	71	18	0.3	11	10.8	24.5	86		
SA 15 ES	15	M14×2.0	12	10	34	40	20	63	83	22	0.3	8	17.0	36.0	140		
SA 17 ES	17	M16×2.0	14	11	36	46	23	69	92	25	0.3	10	21.2	45.0	190		
SA 20 ES	20	M20×1.5	16	13	43	53	27	78	104.5	29	0.6	9	30.0	60.0	310		
SA 25 ES	25	M24×2.0	20	17	53	64	32	94	126	35.5	0.6	7	48.0	83.0	560		
SA 30 ES	30	M30×2.0	22	19	65	73	37	110	146.5	40.7	0.6	6	62.0	110	890		
SA 35 ES	35	M36×3.0	25	21	82	82	41	140	181	47	0.6	6	80.0	146	1400		
SA 40 ES	40	M39×3.0	28	23	86	92	46	150	196	53	0.6	7	100	180	1800		
SA 45 ES	45	M42×3.0	32	27	94	102	51	163	214	60	0.6	7	127	240	2600		
SA 50 ES	50	M45×3.0	35	30	107	112	56	185	241	66	0.6	6	156	290	3400		
SA 60 ES	60	M52×3.0	44	38	115	135	68	210	277.5	80	1.0	6	245	450	5900		
SA 70 ES	70	M56×4.0	49	42	125	160	80	235	315	92	1.0	6	315	610	8200		
SA 80 ES	80	M64×4.0	55	47	140	180	90	270	360	105	1.0	6	400	750	12000		

注:

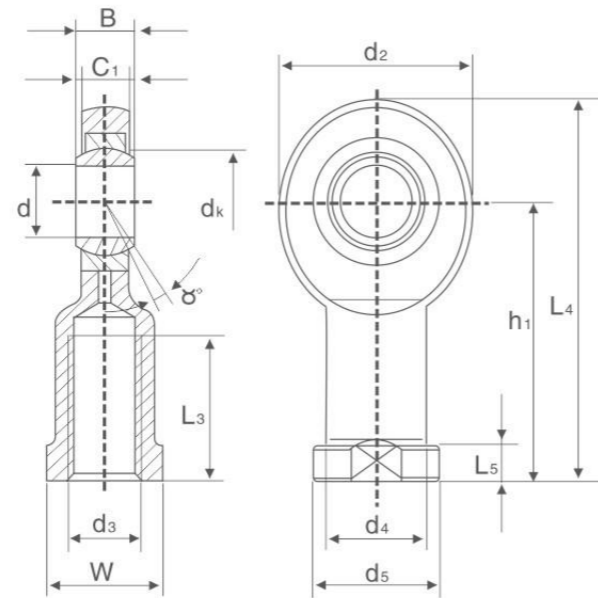
- 若是左旋螺纹, 轴承型号需加“L”, 例如: GAR 30 OO。
- For left-hand thread, please add suffix "L", e.g. GAR 30 OO.
- 轴承孔径d≥15, 也可制造2RS结构, 例如: GAR 25 OO 2RS。
- For bearings d≥15, SI..ES 2RS also available, e.g. GAR 25 OO 2RS.
- 带*的型号均不配油孔或油杯。
- Lubricating hole or grease nipple isn't available for the sizes marked "**"

GIR...C,GIR..ET 2RS



Maintenance-free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 由杆端体和向自润滑向心关节轴承 GE..UK 或 GE..ET 2RS 组成
It is made up of a maintenance free radial spherical plain
- 杆端体表面镀锌
Surface of rod body zinc plated

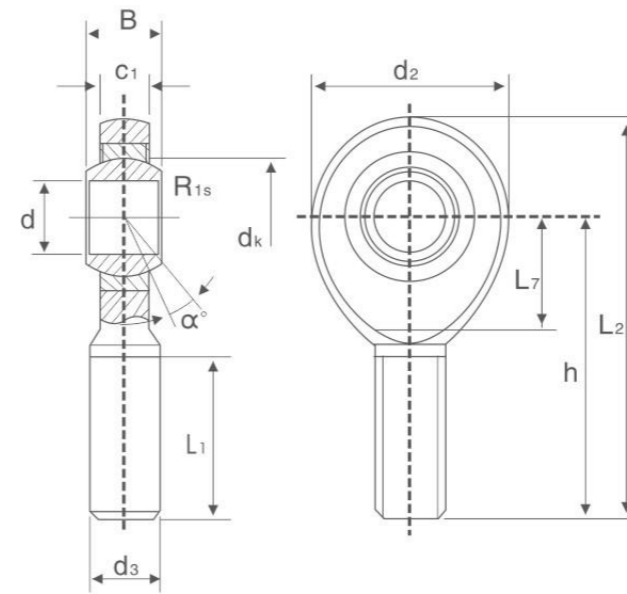


GAR...C,GAR..ET 2RS



Maintenance-free

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 由杆端体和向自润滑向心关节轴承 GE..UK 或 GE..ET 2RS 组成
It is made up of a maintenance free radial spherical plain
- 杆端体表面镀锌
Surface of rod body zinc plated



型号 Part Number	尺寸mm (Dimensions)														负荷 Load ratings		重量 g Weight
	d	d ₃ d ₆	B	C ₁	d ₂	L ₃ min	W	d ₄	d ₅	L ₅	h ₁	L ₄	d _k	α	动dyn.c	静stat.c ₀	
GIR 6 C	6	M6X1.0	6	4.4	21	11	11	10	13	5	30	40.5	10	13	3.60	8.15	21
GIR 8 C	8	M8X1.25	8	6	24	15	14	12.5	16	5	36	48	13	15	5.85	12.9	39
GIR 10 C	10	M10X1.5	9	7	29	20	17	15	19	6.5	43	57.5	16	12	8.65	17.6	61
GIR 12 C	12	M12X1.75	10	8	34	23	19	17.5	22	6.5	50	67	18	11	11.4	24.5	96
GIR 15 C	15	M14X2.0	12	10	40	30	22	21	26	8	61	81	22	8	17.6	36.0	180
GIR 17 C	17	M16X2.0	14	11	46	34	27	24	30	10	67	90	25	10	22.4	45.0	220
GIR 20 C	20	M20X1.5	16	13	53	40	32	27.5	35	10	77	103.5	29	9	31.5	60	350
GIR 25 C	25	M24X2.0	20	17	64	48	36	33.5	42	12	94	126	35.5	7	51.0	83.0	640
GIR 30 C	30	M30X2.0	22	19	73	56	41	40	50	15	110	146.5	40.7	6	66.5	110	930
GIR 35 ET 2RS	35	M36X3.0	25	21	82	60	50	47	58	15	125	166	47	6	112	146	1300
GIR 40 ET 2RS	40	M39X3.0	28	23	92	65	55	52	65	18	142	188	53	7	140	180	2000
GIR 45 ET 2RS	45	M42X3.0	32	27	102	65	60	58	70	20	145	196	60	7	180	240	2500
GIR 50 ET 2RS	50	M45X3.0	35	30	112	68	65	62	75	20	160	216	66	6	220	290	3500
GIR 60 ET 2RS	60	M52X3.0	44	38	135	70	75	70	88	20	175	242.5	80	6	345	450	5500
GIR 70 ET 2RS	70	M56X4.0	49	42	160	80	85	80	98	20	200	280	92	6	440	610	8600
GIR 80 ET 2RS	80	M64X4.0	55	47	180	85	100	95	110	25	230	320	105	6	570	750	12000

注:

- 若是左旋螺纹, 轴承型号需加 "L", 例如: GIL 10UK.
- For left-hand thread, please add suffix "L" e.g.GIL 10 UK.

型号 Part Number	尺寸mm (Dimensions)														负荷 Load ratings		重量 g Weight
	d	d ₃ d ₆	B	C ₁	d ₂	L ₂ min	h	L ₇	L ₁ min	D _k	R _{1s}	α	动dyn.c	静stat.c ₀			
GAR 6 C	6	M6X1.0	6	4.4	21	46.5	36	11	18	10	0.3	13	3.60	8.15	17		
GAR 8 C	8	M8X1.25	8	6	24	54	42	14	22	13	0.3	15	5.85	12.9	29		
GAR 10 C	10	M10X1.5	9	7	29	62.5	48	15	26	16	0.3	12	8.65	17.6	51		
GAR 12 C	12	M12X1.75	10	8	34	71	54	17	28	18	0.3	11	11.4	24.5	86		
GAR 15 C	15	M14X2.0	12	10	40	83	63	20	34	22	0.3	8	17.6	36.0	140		
GAR 17 C	17	M16X2.0	14	11	46	92	69	23	36	25	0.3	10	22.4	45.0	190		
GAR 20 C	20	M20X1.5	16	13	53	104.5	78	27	43	29	0.6	9	31.5	60.0	310		
GAR 25 C	25	M24X2.0	20	17	64	126	94	32	53	35.5	0.6	7	51.0	83.0	560		
GAR 30 C	30	M30X2.0	22	19	73	146.5	110	37	65	40.7	0.6	6	66.5	110	890		
GAR 35 ET 2RS	35	M36X3.0	25	21	82	181	140	41	82	47	0.6	6	112	146	1400		
GAR 40 ET 2RS	40	M39X3.0	28	23	92	196	150	46	86	53	0.6	7	140	180	1800		
GAR 45 ET 2RS	45	M42X3.0	32	27	102	214	163	51	94	60	0.6	7	180	240	2600		
GAR 50 ET 2RS	50	M45X3.0	35	30	112	214	185	56	107	66	0.6	6	220	290	3400		
GAR 60 ET 2RS	60	M52X3.0	44	38	135	227.5	210	68	115	80	1.0	6	345	450	5900		
GAR 70 ET 2RS	70	M56X4.0	49	42	160	315	235	80	125	92	1.0	6	440	610	8200		
GAR 80 ET 2RS	80	M64X4.0	55	47	180	360	270	90	140	105	1.0	6	570	750	12000		

注:

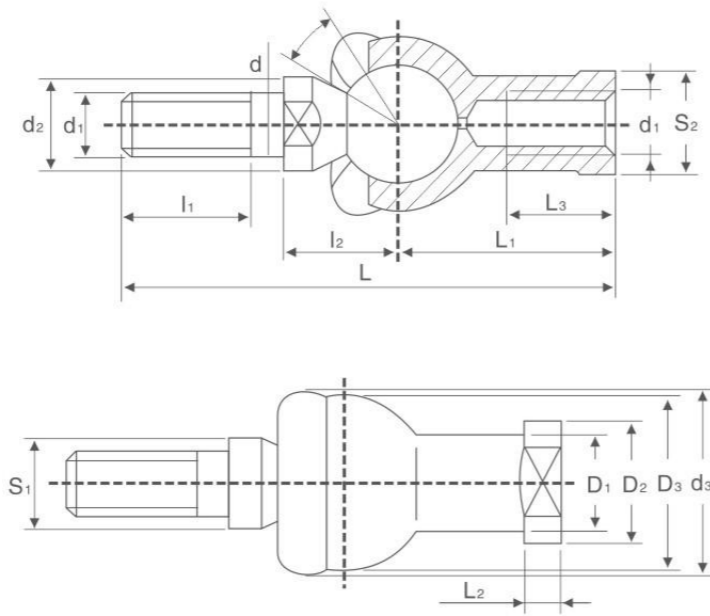
- 若是左旋螺纹, 轴承型号需加 "L", 例如: GIL 10UK.
- For left-hand thread, please add suffix "L" e.g.GIL 10 UK.

SQZ..RS



Straight joint

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

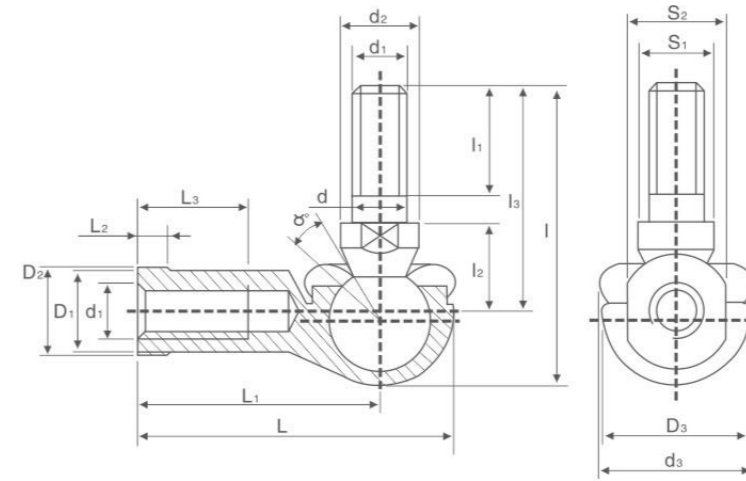


SQ..RS



Straight joint

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



型号 Part Number	尺寸mm (Dimensions)																负荷 k_n Load ratings	重量 g Weight
	d	d ₁	d ₂	d ₃	l ₁	l ₂	s ₁	L	L ₁	L ₂	L ₃	D ₁	D ₂	D ₃	s ₂	α		
SQZ 5RS	5	M5X0.8	9	20	8	11	7	46	24	4	12	9	11	17	9	15	2.8	25
SQZ 6RS	6	M6X1.0	10	20	11	12.2	8	55.2	28	5	15	10	13	20	11	15	3.7	41
SQZ 8RS	8	M8X1.25	12	24	12	16	10	65	32	5	16	12.5	16	24	14	15	5.8	75
SQZ 10RS	10	M10X1.25	14	30	15	19.5	11	74.5	35	6.5	18	15	19	28	17	15	8.4	120
SQZ 10RS-1	10	M10X1.5	14	30	21	19.5	11	80.5	35	6.5	18	15	19	28	17	15	8.4	120
SQZ 12RS	12	M12X1.25	17	32	17	21	15	84	40	6.5	20	17.5	22	32	19	15	11	180
SQZ 12RS-1	12	M12X1.75	17	32	24	21	15	91	40	6.5	20	17.5	22	32	19	15	11	180
SQZ 14RS	14	M14X1.5	19	38	22	23.5	17	103	45	8	25	20	25	36	22	11	15	270
SQZ 14RS-1	14	M14X2.0	19	38	28	23.5	17	109	45	8	25	20	25	36	22	11	15	270
SQZ 16RS	16	M16X1.5	22	44	23	25.5	19	112	50	8	27	22	27	40	22	11	15	360
SQZ 16RS-1	16	M16X2.0	22	44	29	25.5	19	118	50	8	27	22	27	40	22	11	15	360
SQZ 18RS	18	M18X1.5	23	45	25	31	20	130.5	58	10	32	25	31	45	27	11	19	540
SQZ 20RS	20	M20X1.5	27	50	25	29	24	133	63	10	38	27.5	34	45	30	7.5	19	570
SQZ 22RS	22	M22X1.5	27	52	26	33	24	145	70	12	43	30	37	50	32	7.5	23	750

注:

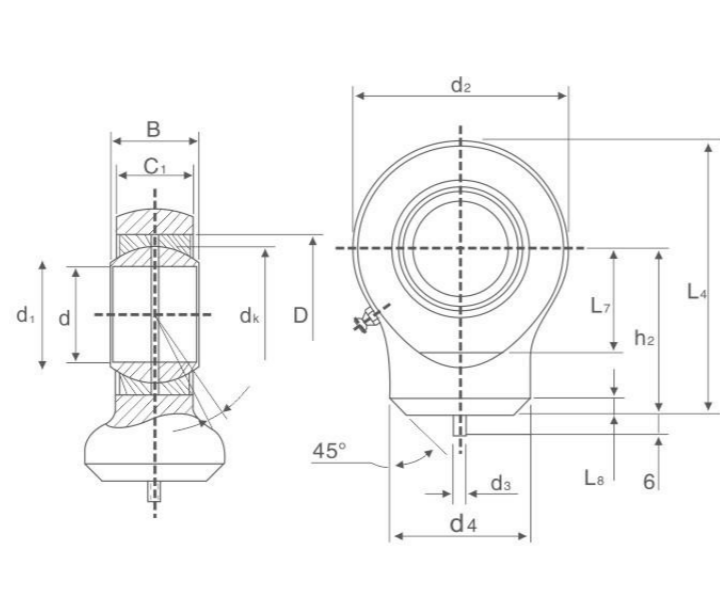
- 球头座杆螺纹若是左旋, 轴承型号需加 "L", 例如: SQL 6RS。
- For left-hand thread of the ball joint housing, please add suffix "L" in added to bearing number, e.g. SQL 6RS
- 不带密封罩产品型号为SQ...
- The type number of ball joints without seal is SQ...

型号 Part Number	尺寸mm (Dimensions)																			负荷 k_n Load ratings	重量 g Weight
	d	d ₁	d ₂	d ₃	l	l _{1 min}	l ₂	l ₃	S ₁	L	L ₁	L ₂	L _{3 min}	D ₁	D ₂	D ₃	S ₂	α			
SQ 5RS	5	M5X0.8	9	19	29	8	10	21	7	35	27	4	14	9	11	16	9	25	2.2	26	
SQ 6RS	6	M6X1.0	10	20	35.5	11	11	26	8	40	30	5	14	10	13	19	11	25	3.5	39	
SQ 8RS	8	M8X1.25	12	24	42.5	12	14	31	10	48	36	5	17	12.5	16	23	14	25	6.6	68	
SQ 10RS	10	M10X1.25	14	30	50.5	15	17	37	11	57	43	6.5	21	15	19	27	17	25	10	112	
SQ 10RS-1	10	M10X1.5	14	30	56.5	21	17	43	11	57	43	6.5	21	15	19	27	17	25	10	112	
SQ 12RS	12	M12X1.25	17	32	57.5	17	19	42	15	66	50	6.5	25	17.5	22	31	19	25	16	164	
SQ 12RS-1	12	M12X1.75	17	32	64.5	24	19	49	15	66	50	6.5	25	17.5	22	31	19	25	16	164	
SQ 14RS	14	M14X1.5	19	38	73.5	22	21.5	56	17	75	57	8	26	20	25	35	22	25	19	254	
SQ 14RS-1	14	M14X2.0	19	38	79.5	28	21.5	62	17	75	57	8	26	20	25	35	22	25	19	254	
SQ 16RS	16	M16X1.5	22	44	79.5	23	23.5	60	19	84	64	8	32	22	27	39	22	20	26	336	
SQ 16RS-1	16	M16X2.0	22	44	85.5	29	23.5	66	19	84	64	8	32	22	27	39	22	20	26	336	
SQ 18RS	18	M18X1.5	23	45	90	25	26.5	68	20	93	71	10	34	25	31	44	27	20	33	464	
SQ 20RS	20	M20X1.5	27	50	90	25	27	68	24	99	77	10	35	27.5	34	44	30	20	45	538	
SQ 22RS	22	M22X1.5	27	52	95	26	28	70	24	109	84	12	41	30	37	50	32	16	48	713	

注:

- 若是左旋螺纹, 轴承型号需加 "L", 例如: SQL 6 RS
- For left-hand thread of the ball joint housing, please add suffix "L" in added to bearing number, e.g. SQL 6 RS
- 不带密封罩产品型号为SQ...
- The type number of ball joints without seal is SQ...

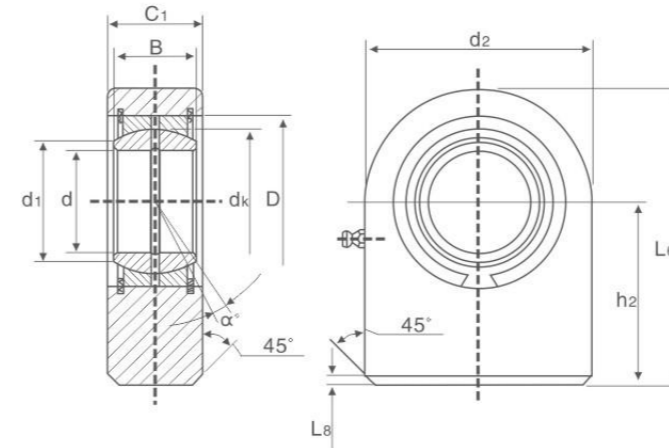
GK..DO



Maintenance required , with female thread

- 杆端座体带有可焊接的基座和定位销
Rod end housing with weldable base and dowel pin
- 由向心关节轴承 GE..ES 或 GE..ES 2RS 和杆端座体组成
It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing
- 杆端座体带有润滑油孔或油杯
Rod end housing with a lubricating hole or grease nipple

GF..DO



Maintenance required , for welding

- 杆端座体带有可焊接的基座
Rod end housing with weldable base
- 由向心关节轴承 GE..ES 或 GE..ES 2RS 和杆端座体组成
It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing
- 杆端座体带有润滑油孔或油杯
Rod end housing with a lubricating hole or grease nipple

型号 Part Number	尺寸mm (Dimensions)														负荷KN Load ratings		重量 g Weight
	d	d ₁	B	C ₁	d _k	d ₂	L ₄	h ₂	L _{7 min}	L ₈	d ₃	d ₄	D	α	动dyn.c	静stat.c ₀	
GK 10DO*	10	13.2	9	7	16	29	38.5	24	15	1.5	3	15	19	12	8.15	15.6	0.041
GK 12DO*	12	15	10	8	18	34	44	27	18	1.5	3	17.5	22	11	10.8	21.6	0.066
GK 15DO	15	18.4	12	10	22	40	51	31	20	2.0	4	21	26	8	17.0	32.0	0.12
GK 17DO	17	20.7	14	11	25	46	58	35	23	2.0	4	24	30	10	21.2	40.0	0.19
GK 20DO	20	24.2	16	13	29	53	64.5	38	27.5	2.0	4	27.5	35	9	30.0	54.0	0.23
GK 25DO	25	29.3	20	17	35.5	64	77	45	33	3.0	4	33.5	42	7	48.0	72.0	0.43
GK 30DO	30	34.2	22	19	40.7	73	87.5	51	37.5	3.0	4	40	47	6	62.0	95.0	0.64
GK 35DO	35	39.8	25	21	47	82	102	61	43	3.0	4	47	55	6	80.0	125	0.96
GK 40DO	40	45.0	28	23	53	92	115	69	48	4.0	4	52	62	7	100	156	1.30
GK 45DO	45	50.8	32	27	60	102	128	77	52	4.0	6	58	68	7	127	208	1.80
GK 50DO	50	55.9	35	30	66	112	144	88	59	4.0	6	62	75	6	156	250	2.50
GK 60DO	60	66.8	44	38	80	135	167.5	100	72.5	4.0	6	70	90	6	245	390	3.90
GK 70DO	70	77.9	49	42	92	160	195	115	86	5.0	6	80	105	6	315	510	6.60
GK 80DO	80	89.4	55	47	105	180	231	141	98	5.0	6	95	120	6	400	620	8.70

注:

- 也可制造-2RS型结构, 例如: GK 50DO 2RS.
- Sealed design also available, e.g. GK 50DO 2RS.
- 带“*”的型号均不能润滑.
- Relubrication not possible for the sizes marked “*”.

型号 Part Number	尺寸mm (Dimensions)										负荷KN Load ratings		重量 g Weight
	d	C ₁	B	d ₂	L ₆	h ₂	d _k	d ₁	D	L ₈	动dyn.c	静stat.c ₀	
GF 20 DO	20	19	16	50	63	38	29	24.2	35	2	30.0	67.0	350
GF 25 DO	25	23	20	55	72.5	45	35.5	29.3	42	2	48.0	69.5	530
GF 30 DO	30	28	22	65	83.5	51	40.7	34.2	47	2	62.0	118	870
GF 35 DO	35	30	25	83	102.5	61	47	39.8	55	2	80.0	196	1500
GF 40 DO	40	35	28	100	119	69	53	45.0	62	3	100	300	2400
GF 45 DO	45	40	32	110	132	77	60	50.8	68	3	127	380	3400
GF 50 DO	50	40	35	123	149.5	88	66	55.9	75	3	156	440	4400
GF 60 DO	60	50	44	140	170	100	80	66.8	90	4	245	570	7100
GF 70 DO	70	55	49	164	197	115	92	77.9	105	4	315	695	10500
GF 80 DO	80	60	55	180	231	141	105	89.4	120	4	400	780	15000
GF 90 DO	90	65	60	226	263	150	115	98.1	130	4	490	1340	23500
GF 100 DO	100	70	70	250	295	170	130	109.5	150	4	610	1500	31500
GF 110 DO	110	80	70	295	332.5	185	140	121.2	160	4	655	2160	48500
GF 120 DO	120	90	85	360	390	210	160	135.5	180	4	950	3250	79000

注:

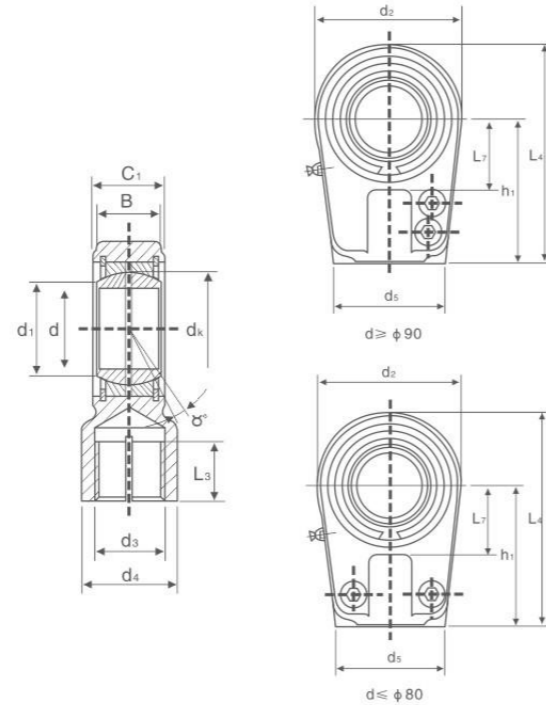
- 也可制造-2RS型结构, 例如: GF 70 DO 2RS.
- Sealed design also available, e.g. GF 70 2RS.

GIHR-..DO



Maintenance required, with female thread and locking nuts

- 杆端体带有左旋或右旋的内螺纹
Rod body with left or right-hand female thread
- 由向心关节轴承 GE..ES 或 GE..ES 2RS 和杆端座体组成
It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing
- 带锁紧口和紧定螺栓
With locking slot and nut
- 杆端座体带有润滑油孔或油杯
Rod end housing with a lubricating hole or grease nipple

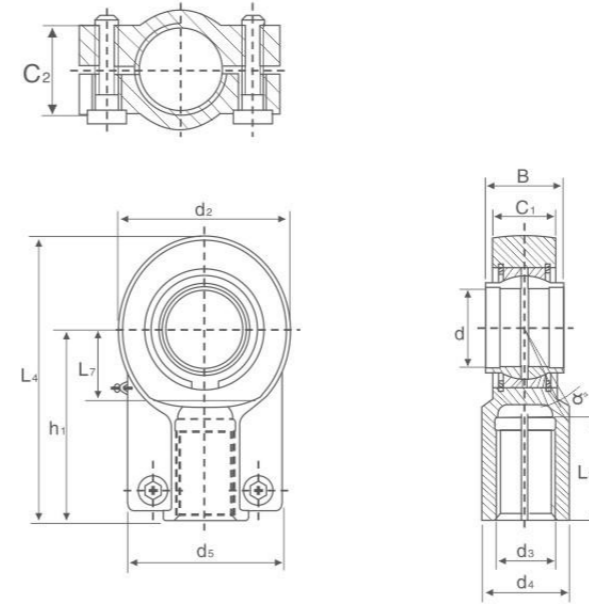


GIHN-K..LO



Maintenance required, with female thread and locking nuts

- 杆端座体带有左旋或右旋的内螺纹
Rod end housing with right or left-hand female thread
- 由向心关节轴承 GE..LO 和杆端座体组成
It is made up of a radial spherical plain bearing GE..LO and rod end housing
- 带锁紧口和紧定螺栓
With locking slot and nut
- 杆端座体带有润滑油孔或油杯
Rod end housing with a lubricating hole or grease nipple



型号 Part Number	尺寸mm (Dimensions)														负荷 Load ratings		重量 g Weight
	d	d ₃ 6H	d ₄	L ₃ min	B	C ₁	d ₂	L ₇ min	h ₁	L ₄	d ₅	d ₁	d _k	α	动dyn.c	静stat.c ₀	
GIHR-K 20DO	20	M16×1.5	25	17	16	19	56	25	50	80	46	24.2	29	9	30.0	72.0	430
GIHR-K 25DO	25	M16×1.5	25	17	20	23	56	28	50	80	46	29.3	35.5	7	48.0	72.0	480
GIHR-K 30DO	30	M22×1.5	32	23	22	28	64	30	60	94	50	34.2	40.7	6	62.0	106	740
GIHR-K 35DO	35	M28×1.5	40	29	25	30	78	38	70	112	66	39.8	47	6	80.0	153	1200
GIHR-K 40DO	40	M35×1.5	49	36	28	35	94	45	85	135	76	45.0	53	7	100	250	2000
GIHR-K 50DO	50	M45×1.5	61	46	35	40	116	55	105	168	90	55.9	66	6	156	365	3800
GIHR-K 60DO	60	M58×1.5	75	59	44	50	130	65	130	200	120	66.8	80	6	245	400	5400
GIHR-K 70DO	70	M65×1.5	86	66	49	55	154	75	150	237	130	77.9	92	6	315	540	8500
GIHR-K 80DO	80	M80×2.0	105	81	55	60	176	80	170	265	160	89.4	105	6	400	670	12000
GIHR-K 90DO	90	M100×2.0	124	101	60	65	206	90	210	323	180	98.1	115	5	490	980	21500
GIHR-K 100DO	100	M110×2.0	138	111	70	70	230	105	235	360	200	109.5	130	7	610	1120	27500
GIHR-K 110DO	110	M120×3.0	152	125	70	80	265	115	265	407.5	220	121.2	140	6	655	1700	40500
GIHR-K 120DO	120	M130×3.0	172	135	85	90	340	140	310	490	257	135.5	160	6	950	2900	76000

注:

- 若是左旋螺纹, 轴承型号需加“L”, 例如: GIHL-K 30 DO。
- For left-hand thread, please add suffix “L”, e.g. GIHL-K 30 DO.

型号 Part Number	尺寸mm (Dimensions)												负荷 Load ratings		重量 g Weight
	d	B	C ₁	d ₃ 6g	d ₄	L ₃ min	d ₂	L ₄	h ₁	L ₇ min	C ₂	d ₅	动dyn.c	静stat.c ₀	
GIHN-K 12LO*	12	12	11	M12×1.25	16.5	17	32	54	38	14	11	32	10.8	24.5	100
GIHN-K 16LO	16	16	14	M14×1.5	21	19	40	64	44	18	14	40	17.6	36.5	200
GIHN-K 20LO	20	20	17	M16×1.5	25	23	47	77	52	22	17	47	30.0	48.0	400
GIHN-K 25LO	25	25	22	M20×1.5	30	29	58	96	65	27	19	54	48.0	78.0	660
GIHN-K 32LO	32	32	28	M27×2.0	38	37	71	118.5	80	32	22	66	67.0	114	1200
GIHN-K 40LO	40	40	33	M33×2.0	47	46	90	146	97	41	26	80	100	204	2100
GIHN-K 50LO	50	50	41	M42×2.0	58	57	109	179.5	120	50	32	96	156	310	4400
GIHN-K 63LO	63	63	53	M48×2.0	70	64	136	213	140	62	38	114	255	430	7600
GIHN-K 70LO	70	70	57	M56×2.0	80	76	155	245	160	70	42	135	315	540	9500
GIHN-K 80LO	80	80	66	M64×3.0	90	86	168	270	180	78	48	148	400	695	14500
GIHN-K 90LO	90	90	72	M72×3.0	100	91	185	296	195	85	52	160	490	750	17000
GIHN-K 100LO	100	100	84	M80×3.0	110	96	210	322	210	98	62	178	610	1060	28000
GIHN-K 110LO	110	110	88	M90×3.0	125	106	235	364	235	105	62	190	655	1200	32000
GIHN-K 125LO	125	125	102	M100×3.0	135	113	260	405	260	120	72	200	950	1430	43000

注:

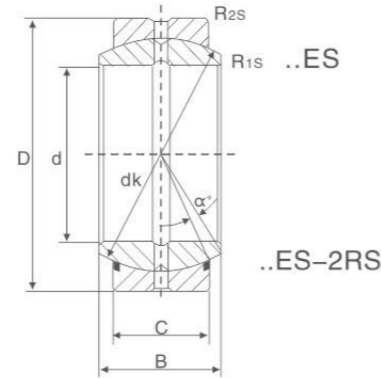
- 若是左旋螺纹, 轴承型号需加“L”, 例如: GIHN-KL 12 LO。
- For left-hand thread, please add suffix “L”, e.g. GIHL-K 12 LO.

GE..E(S),GE..ES 2RS



Maintenance required

- 外圈有一道轴向峰
Outer ring with single split in axial direction
- ES 型内圈和外圈有润滑油槽和油孔
Lubricating grooves and holes in the outer and inner rings of type ES
- 2RS 型外圈两面带密封圈
Outer ring of type-2RS with lip seals in both side
- 内外圈表面磷化处理
Both outer and inner rings are properly phosphate treated

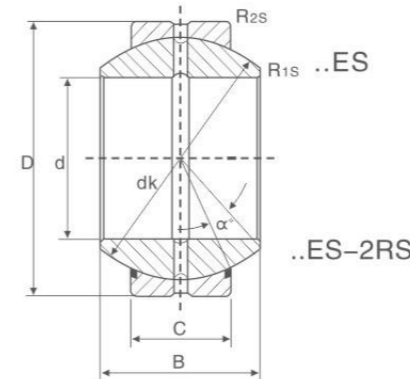


GEG..E(S),GEG..ES 2RS



Maintenance required.heavy-duty

- 外圈有一道轴向峰
Outer ring with single split in axial direction
- ES 型内圈和外圈有润滑油槽和油孔
Lubricating grooves and holes in the outer and inner rings of type ES
- 2RS 型外圈两面带密封圈
Outer ring of type-2RS with lip seals in both side
- 内外圈表面磷化处理
Both outer and inner rings are properly phosphate treated



型号 Part Number	尺寸mm (Dimensions)								负荷KN Load ratings		重量 g Weight	
	d	D	B	C	dk	R _{1s} min	R _{2s} min	α	动dyn.c	静stat.c ₀		
GE6E	6	14	6	4	10	0.3	0.3	13	3.4	17	4	
GE8E	8	16	8	5	13	0.3	0.3	15	5.5	27.5	7	
GE10E	10	19	9	6	16	0.3	0.3	12	8.15	40.5	11	
GE12E	12	22	10	7	18	0.3	0.3	11	10.8	54	16	
GE15ES	GE15ES 2RS	15	26	12	9	22	0.3	0.3	8	17	85	25
GE16ES	GE16ES 2RS	16	30	14	10	25	0.3	0.3	10	21.2	106	41
GE17ES	GE17ES 2RS	17	30	14	10	25	0.3	0.3	10	21.2	106	41
GE20ES	GE20ES 2RS	20	35	16	12	29	0.6	0.3	9	30	146	61
GE25ES	GE25ES 2RS	25	42	20	16	35.5	0.6	0.6	7	48	240	110
GE30ES	GE30ES 2RS	30	47	22	18	40.7	0.6	0.6	6	62	310	140
GE35ES	GE35ES 2RS	35	55	25	20	47	0.6	1.0	6	80	400	220
GE40ES	GE40ES 2RS	40	62	28	22	53	0.6	1.0	7	100	500	300
GE45ES	GE45ES 2RS	45	68	32	25	60	0.6	1.0	7	127	640	400
GE50ES	GE50ES 2RS	50	75	35	28	66	0.6	1.0	6	156	780	540
GE60ES	GE60ES 2RS	60	90	44	36	80	1.0	1.0	6	245	1220	1000
GE70ES	GE70ES 2RS	70	105	49	40	92	1.0	1.0	6	315	1560	1500
GE80ES	GE80ES 2RS	80	120	55	45	105	1.0	1.0	6	400	2000	2200
GE90ES	GE90ES 2RS	90	130	60	50	115	1.0	1.0	5	490	2450	2700
GE100ES	GE100ES 2RS	100	150	70	55	130	1.0	1.0	7	610	3050	4300
GE110ES	GE110ES 2RS	110	160	70	55	140	1.0	1.0	6	655	3250	4700
GE120ES	GE120ES 2RS	120	180	85	70	160	1.0	1.0	6	950	4750	8000
GE140ES	GE140ES 2RS	140	210	90	70	180	1.0	1.0	7	1080	5400	11000
GE160ES	GE160ES 2RS	160	230	105	80	200	1.0	1.0	8	1360	6800	14000

型号 Part Number	尺寸mm (Dimensions)								负荷 Load ratings		重量 g Weight	
	d	D	B	C	dk	R _{1s} min	R _{2s} min	α	动dyn.c	静stat.c ₀		
GEG6E	6	16	9	5	13	0.3	0.3	21	5.50	27.5	8	
GEG8E	8	19	11	6	16	0.3	0.3	21	8.15	40.5	14	
GEG10E	10	22	12	7	18	0.3	0.3	18	10.8	54.0	20	
GEG12E	12	26	15	9	22	0.3	0.3	18	17.0	85.0	34	
GEG15ES	GEG15ES 2RS	15	30	16	10	25	0.3	0.3	16	21.2	106	46
GEG17ES	GEG17ES 2RS	17	35	20	12	29	0.3	0.3	19	30.0	146	78
GEG20ES	GEG20ES 2RS	20	42	25	16	35.5	0.6	0.6	17	48.0	240	150
GEG25ES	GEG25ES 2RS	25	47	28	18	40.7	0.6	0.6	17	62.0	310	190
GEG30ES	GEG30ES 2RS	30	55	32	20	47	0.6	1.0	17	80.0	400	290
GEG35ES	GEG35ES 2RS	35	62	35	22	53	0.6	1.0	16	100	500	390
GEG40ES	GEG40ES 2RS	40	68	40	25	60	0.6	1.0	17	127	640	520
GEG45ES	GEG45ES 2RS	45	75	43	28	66	0.6	1.0	15	156	780	680
GEG50ES	GEG50ES 2RS	50	90	56	36	80	0.6	1.0	17	245	1220	1400
GEG60ES	GEG60ES 2RS	60	105	63	40	92	1.0	1.0	17	315	1560	2000
GEG70ES	GEG70ES 2RS	70	120	70	45	105	1.0	1.0	16	400	2000	2900
GEG80ES	GEG80ES 2RS	80	130	75	50	115	1.0	1.0	14	490	2450	3500
GEG90ES	GEG90ES 2RS	90	150	85	55	130	1.0	1.0	15	610	3050	5400
GEG100ES	GEG100ES 2RS	100	160	85	55	140	1.0	1.0	14	655	3250	5900
GEG110ES	GEG110ES 2RS	110	180	100	70	160	1.0	1.0	11	950	4750	1100
GEG120ES	GEG120ES 2RS	120	210	115	70	180	1.0	1.0	16	1080	5400	1500

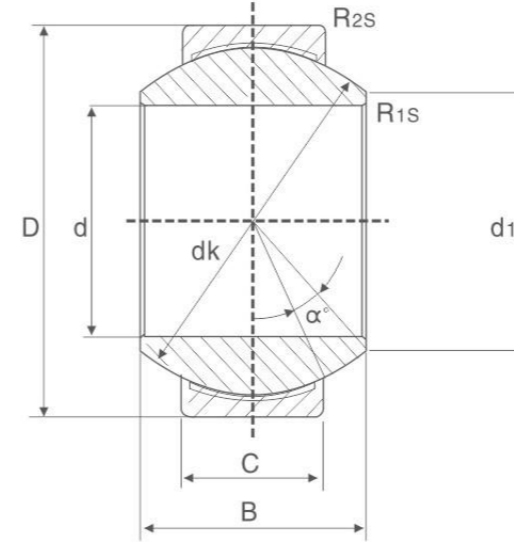
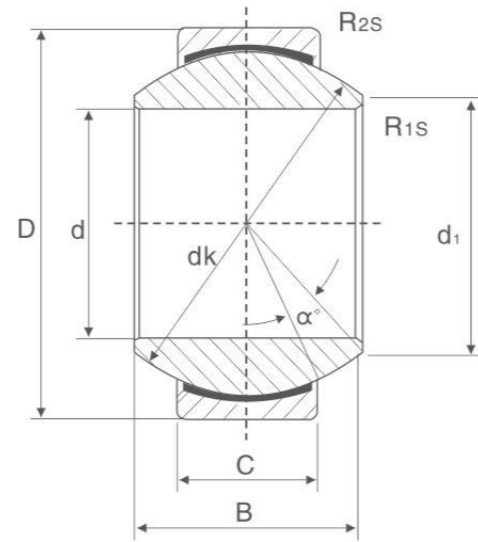
GE..C

GEG..C



Maintenance free

- 外圈挤压成型
Outer ring pressed around inner ring
- 外圈球面粘贴有 PTFE 合成材料
Outer race lined with PTFE composite material
- 内圈球面镀铬
Spherical surface of inner ring chromium plated



Maintenance free

- 外圈挤压成型
Outer ring pressed around inner ring
- 外圈球面粘贴有 PTFE 合成材料
Outer race lined with PTFE composite material
- 内圈球面镀铬
Spherical surface of inner ring chromium plated

型号 Part Number	尺寸mm (Dimensions)									负荷 Load ratings		重量 g Weight
	d	D	B	C	d _{1 min}	dk	R _{1s min}	R _{2s min}	α	动dyn.c	静stat.c ₀	
GE 6 C	6	14	6	4	8	10	0.3	0.3	13	3.6	9.1	4
GE 8 C	8	16	8	5	10	13	0.3	0.3	15	5.8	14	8
GE 10 C	10	19	9	6	13	16	0.3	0.3	12	8.6	21	11
GE 12 C	12	22	10	7	15	18	0.3	0.3	10	11	28	15
GE 15 C	15	26	12	9	18	22	0.3	0.3	8	18	45	27
GE 17 C	17	30	14	10	20	25	0.3	0.3	10	22	56	41
GE 20 C	20	35	16	12	24	29	0.3	0.3	9	31	78	66
GE 25 C	25	42	20	16	29	35.5	0.6	0.6	7	51	127	119
GE 30 C	30	47	22	18	34	40.7	0.6	0.6	6	65	166	163

型号 Part Number	尺寸mm (Dimensions)									负荷 Load ratings		重量 g Weight
	d	D	B	C	d _{1 min}	dk	R _{1s min}	R _{2s min}	α	动dyn.c	静stat.c ₀	
GEG 6 C	6	16	9	5	9	13	0.3	0.3	21	5.8	14	8
GEG 8 C	8	19	11	6	11	16	0.3	0.3	21	8.6	21	14
GEG 10 C	10	22	12	7	13	18	0.3	0.3	18	11	28	21
GEG 12 C	12	26	15	9	16	22	0.3	0.3	18	18	45	33
GEG 15 C	15	30	16	10	19	25	0.3	0.3	16	22	56	49
GEG 17 C	17	35	20	12	21	29	0.3	0.3	19	31	78	83
GEG 20 C	20	42	25	16	24	35.5	0.3	0.3	17	51	127	153
GEG 25 C	25	47	28	18	29	40.7	0.6	0.6	17	65	166	203
GEG 30 C	30	55	32	20	34	47	0.6	0.6	17	83	212	304

PB

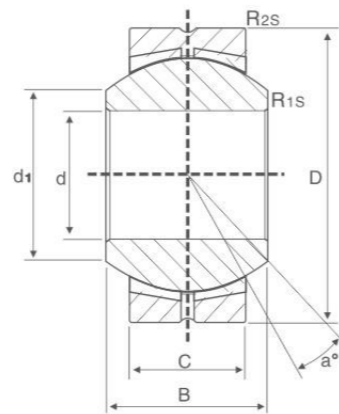
GE..ET 2RS

Spherical Plain Bearings



Maintenance required

- 外圈球面镶有青铜衬垫
Outer race lined with bronze liner
- 外圈有润滑油槽和油孔
With lubricating groove and holes in the outer ring
- 性能特点: 具有耐磨损, 自调心, 低摩擦的特点, 适用于低速, 重载的机械结构
Wear-resistant and self-aligning, applicable to low speed and heavy load mechanism
- 滑动摩擦副: 钢 / 青铜
Sliding contact surfaces: Steel/Bronze



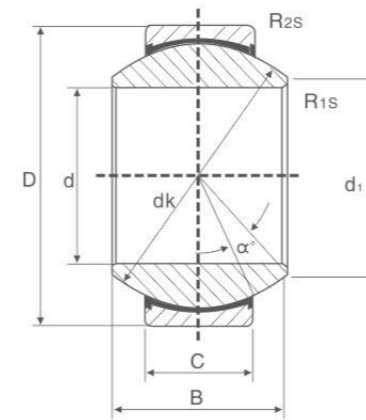
型号 Part Number	尺寸mm (Dimensions)								负荷 Load ratings		重量 g Weight
	d	D	B	C	d _{1 min}	R _{1s min}	R _{2s min}	α	动dyn.c	静stat.co	
PB5	5	16	8	6	7.7	0.3	0.3	13	3.3	7.8	9
PB6	6	18	9	6.75	9.0	0.3	0.3	13	4.3	9.8	13
PB8	8	22	12	9	10.4	0.3	0.3	14	6.8	16	24
PB10	10	26	14	10.5	12.9	0.3	0.6	14	10	23	39
PB12	12	30	16	12	15.4	0.3	0.6	13	13	31	58
PB14	14	34	19	13.5	16.9	0.3	0.6	16	17	40	84
PB16	16	38	21	15	19.4	0.3	0.6	15	21	50	111
PB18	18	42	23	16.5	21.9	0.3	0.6	15	26	61	160
PB20	20	46	25	18	24.4	0.3	0.6	15	31	73	210
PB22	22	50	28	20	25.8	0.3	0.6	15	38	88	260
PB25	25	56	31	22	29.6	0.6	0.6	15	47	110	390
PB28	28	62	35	25	32.3	0.6	0.6	15	59	138	530
PB30	30	66	37	25	34.8	0.6	0.6	17	63	148	610

Spherical Plain Bearings



Maintenance free

- 外圈有一道轴向缝
Outer ring with single split in axial direction
- 外圈球面粘贴有 PTFE 织物
Outer race lined with PTFE fabric
- 外圈两面带密封圈
Outer ring with lip seals in both sides
- 内圈球面镀铬
Spherical surface of inner ring chromium plated
- 外圈表面磷化处理
Outer ring properly phosphate treated



型号 Part Number	尺寸mm (Dimensions)									负荷 Load ratings		重量 g Weight
	d	D	B	C	d _{1 min}	dk	R _{1s min}	R _{2s min}	α	动dyn.c	静stat.co	
GE15ET 2RS	15	26	12	9	18	22	0.3	0.3	9	26	52	35
GE17ET 2RS	17	30	14	10	20	25	0.3	0.3	10	30	60	41
GE20ET 2RS	20	35	16	12	24	29	0.3	0.3	9	42	83	66
GE25ET 2RS	25	42	20	16	29	35.5	0.6	0.6	7	68	137	119
GE30ET 2RS	30	47	22	18	34	40.7	0.6	0.6	6	88	176	153
GE35ET 2RS	35	55	25	20	39	47	0.6	1.0	6	112	224	233
GE40ET 2RS	40	62	28	22	45	53	0.6	1.0	7	140	280	306
GE45ET 2RS	45	68	32	25	50	60	0.6	1.0	7	180	360	427
GE50ET 2RS	50	75	35	28	55	66	0.6	1.0	6	220	440	546
GE60ET 2RS	60	90	44	36	66	74	1.0	1.0	6	345	695	1040
GE70ET 2RS	70	105	49	40	77	80	1.0	1.0	6	440	880	1550
GE80ET 2RS	80	120	55	45	88	92	1.0	1.0	6	567	1140	2310
GE90ET 2RS	90	130	60	50	98	105	1.0	1.0	5	690	1370	2750
GE100ET 2RS	100	150	70	55	109	115	1.0	1.0	7	858	1730	4450
GE110ET 2RS	110	160	70	55	120	130	1.0	1.0	6	924	1860	4820
GE120ET 2RS	120	180	85	70	130	140	1.0	1.0	6	1340	2700	8050

关节轴承型号对照表 Interchange table

中国 CHINA	瑞典 SWEDEN	德国 GERMANY	德国 GERMANI	德国 GERMANI	中国 CHINA	日本 JAPAN	日本 JAPAN	日本 JAPAN
GREENLEAF	SKF	FAG	ELGES	ASK	LS	IKO	NTN	NMB
GE..E	GE..E	GE..E	GE..DO	GE..	GE..E	GE..E	SA1-..B	SBH..NS
GE..ES	GE..ES	GE..ES	GE..DO	GE..	GE..ES	GE..ES	SA1-..B	SBH..S
GE..ES 2RS	GE..ES 2RS	GE..ES 2RS	GE..DO 2RS	GE..2RS	GE..ES 2FRS	GE..ES 2RS	SA1-..BSS	
GEG..E	GEH..E	GEH..E	GE..FO		GEG..E	GE..G		
GEG..ES	GEH..ES	GEH..ES	GE..FO		GEG..ES	GE..GS		
GEG..ES 2RS	GEH..ES 2RS	GEH..ES 2RS	GE..FO 2RS		GEG..ES 2RS	GE..GS 2RS		
GE..LO	GEG..ES		GE..LO		GEEW..ES			
GE..UK	GE..C	GE..C	GE..UK	GE..-D	GE..C	GE..EC	SARI-..	
GE..ET ZRS	GE..TE 2TS	GE..UA 2RS	GE..UK 2RS	GE..D 2RS	GE..ET 2RS			
PB					GEBK..S	PB..		
GEBJ..S			GE..PB		GEBJ..S			

中国 CHINA	瑞典 SWEDEN	德国 GERMANY	德国 GERMANI	德国 GERMANI	中国 CHIINA	日本 JAPAN	日本 JAPAN	意大利 ITALY	日本 JAPAN
GREENLEAF	SKF	FAG	ELGES	ASK	LS	IKO	THK	LSK	MTR
GIF..UK	SI..C	SI..C	GIR..UK	EJ..D	SI..C			GIR..UK	
GIR..UK 2RS	SIA..TE 2RS	SI..TE 2RS	GIR..UK 2RS	EJ..D 2RS	SI..ET 2RS			GIR..UK 2RS	
GAR..UK	SA..C	SA..C	GAR..UK	EA..D	SA..C			GAR..UK	
GAR..UK 2RS	SAA..TE 2RS	SA..TE 2RS	GAR..UK 2RS	EA..D 2RS	SA..ET 2RS			GAR..UK	
GIL..UK	SIL..C	SIL..C	GIL..UK	EJL..D	SIL..C			GIL..UK	
GIL..UK 2RS	SILA..TE 2RS	SIL..TE 2RS	GIL..UK 2RS	EJL..D 2RS	SIL..ET 2RS			GIL..UK 2RS	
GAL..UK	SAL..C	SAL..C	GAL..UK	EAL..D	SAL..C			GAL..UK	
GAL..UK 2RS	SALA..TE 2RS	SAL..TE 2RS	GAL..UK 2RS	EAL..D 2RS	SAL..ET 2RS			GAL..UK 2RS	
SQ..RS					SQ..RS	LHSA..	RBL..		
SQ..RS-1							RBL..B		
SQL..RS					SQL..RS		RBL..L		
SQZ..RS					SQZ..RS		RBI..		
SQZ..RS-1							RBI..B		
SQZL..RS					SQZL..RS		RBI..L		
GIHR..DO	SIRD..ES		GIHR..DO						
GIHR-K..DO	SIR..ES		GIHR-K..DO		SIR..ES				
GIHL..DO	SILD..ES		GIHL..DO						
GIHL-K..DO	SILR..ES		GIHL-K..DO		SILR..ES				
GIHN-K..LO	SIQG..ES		GIHN-K..DO		SIGEW..ES				
GK..DO	SC..ES		GK..DO		SK..ES				
GF..DO	SCF..E		GF..DO		SF..ES				
GIHO-K..DO			GIHO-K..DO						

中国 CHINA	瑞典 SWEDEN	德国 GERMANY	德国 GERMANY	德国 GERMANY	中国 CHIINA	日本 JAPAN	日本 JAPAN	意大利 ITALY	日本 JAPAN
GREENLEAF	SKF	FAG	ELGES	ASK	LS	IKO	THK	LSK	MTR
SI..E	SI..E	SI..E	GIR..DO	EJ..	SI..E			GIR..E	
SI..ES	SIA..ES	SI..ES	GIR..DO	EJ..	SI..ES			GIR..ES	
SI..ES 2RS	SIA..ES 2RS	SI..ES 2RS	GIR..DO 2RS	EJ..2RS	SI..ES 2RS			GIR..ES 2RS	
SA..E	SA..E	SA..E	GAR..DO	EA..	SA..			GAR..E	
SA..ES	SAA..ES	SA..ES	GAR..DO	EA..	SA..ES			GAR..ES	
SA..ES 2RS	SAA..ES 2RS	SA..ES 2RS	GAR..DO 2RS	EA..2RS	SA..ES 2RS			GAR..ES 2RS	
SIL..E	SIL..E	SIL..E	GIL..DO	EJL..	SIL..E			GIL..E	
SIL..ES	SIAL..ES	SIL..ES	GIL..DO	EJL..	SIL..ES			GIL..ES	
SIL..ES 2RS	SIAL..ES 2RS	SIL..ES 2RS	GIL..DO 2RS	EJL..2RS	SIL..ES 2RS			GIL..ES 2RS	
SAL..E	SAL..E	SAL..E	GAL..DO	EAL..	SAL..E			GAL..E	
SAL..ES	SALA..ES	SAL..ES	GAL..DO	EAL..	SAL..ES			GAL..ES	
SAL..ES 2RS	SALA..ES 2RS	SAL..ES 2RS	GAL..DO 2RS	EAL..2RS	SAL..ES 2RS			GAL..ES 2RS	
SI..T/K	SIKB..F		GIKFR..FW	KI..-D	SIJK..C	PHS..EC		TSF..C	DF..
SA..T/K	SAKB..F		GAKFR..FW	KA..-D	SAJK..C	POS..EC		TSM..C	DM..
SIL..T/K	SILKB..F		GIKFL..PW	KIL..-D	SILJK..C	PHSL..EC		TSFL..C	DF..L
SAL..T/K	SALKB..F		GAKFL..PW	KAL..-D	SALJK..C	POSL..EC		TSML..C	DM..L
NHS..				KI..-BD			NHS..T		
NOS..				KA..-BD			NOS..T		
MHSL..				KIL..-BD			NHS..TL		
NOSL..				KAL..-BD			NOS..TL		
PHS..	SIKAC..M		GIKF..PB	KI..-NIRO	SIBP..S	PHS..	PHS..	TSF..	BNF..
POS..	SAKAC..M		GAKF..PB	KA..-NIRO	SABP..S	POS..	POS..	TSM..	BNM..
PHSL..	SILKAC..M		GIKL..PB	KIL..-NIRO	SILBP..S	PHSL..	PHS..	TSFL..	BNF..L
POSL..	SALKAC..M		GAKL..PB	KAL..-NIRO	SALBP..S	POSL..	POS..	TSML..	BNM..L