



轴承 Bearing	系列、尺寸范围 Series and Bore diameter range	滑动摩擦副 Sliding contact surfaces	使用温度范围 Permissible operating temperature range	产品特点 Design characteristics	页码 Page		
润滑型向心关节轴承 Radial spherical plain bearings requiring maintenance							
	GE...E 4~12	钢/钢 Steel/Steel	-50℃~+150℃	<p>外圈有一道轴向缝，内、外圈材料均为轴承钢，淬火，磷化，滑动表面涂敷二硫化钼。除型号后置代号为 E 外,其余型号内、外圈均有润滑油槽油孔，后置代号有-2RS 为外圈两端带有密封圈。</p> <p>Outer ring of carbon chromium steel, fractured, hardened and phosphated, sliding surface treated with MoS₂. Inner ring of carbon chromium steel, hardened and phosphated, sliding surface treated with MoS₂. All bearings have an annular groove and lubrication holes in each ring except those of the E design. Bearings of the 2RS design are fitted with seals at both sides.</p>	31		
	GE...ES 15~300						
	GE...ES-2RS 15~300		-30℃~+130℃				
	GEC...XS 320~460		-50℃~+150℃			<p>外圈沿轴向剖分成两半，用锁圈固定，内、外圈材料均为轴承钢，淬火，磷化，滑动表面涂敷二硫化钼，后置代号有-2RS 为外圈两端带有密封圈。</p> <p>Outer ring axially split twice, held together by retaining rings. Outer and inner rings are made of carbon chromium steel and are hardened and phosphated, sliding surface treated with MoS₂. Bearings of the 2RS design are fitted with seals at both sides.</p>	32
	GEC...XS-2RS 320~460		-30℃~+130℃				
	GEG...E 4~12		-50℃~+150℃			<p>外圈有一道轴向缝，内、外圈材料均为轴承钢，淬火，磷化，滑动表面涂敷二硫化钼。除型号后置代号为 E 外,其余型号内、外圈均有润滑油槽油孔，后置代号有-2RS 为外圈两端带有密封圈。</p> <p>Outer ring of carbon chromium steel, fractured, hardened and phosphated, sliding surface treated with MoS₂. Inner ring of carbon chromium steel, hardened and phosphated, sliding surface treated with MoS₂. All bearings have an annular groove and lubrication holes in each ring except those of the E design. Bearings of the 2RS design are fitted with seals at both sides.</p>	33
	GEG...ES 15~280						
	GEG...ES-2RS 15~280						

轴承 Bearing	系列、尺寸范围 Series and bore diameter range	滑动摩擦副 Sliding contact surfaces	使用温度范围 Permissible operating temperature range	产品特点 Design characteristics	页码 Page
	GEEW...ES 12~320	钢/钢 Steel/Steel	-50℃~+150℃	内圈两端带伸出圆筒，外圈有一道轴向缝，内、外圈材料均为轴承钢，淬火，磷化，滑动表面涂敷二硫化钼，后置代号有-2RS 为外圈两端带有密封圈。	34
	GEEM...ES-2RS 20~120		-30℃~+130℃	With cylindrical extensions at each side of inner ring. Outer ring of carbon chromium steel, fractured, hardened and phosphated, sliding surface treated with MoS ₂ . Inner ring of carbon chromium steel, hardened and phosphated, sliding surface treated with MoS ₂ . Bearings of the 2RS design are fitted with seals at both sides.	35
	GEF...ES 12~150		-50℃~+150℃	产品特点与 GE...ES 系列相同。 As series GE...ES.	36
	GE...XS/K 12~150			产品特点与 GEC...XS 系列相同。 As series GEC...XS.	37
	GEZ...ES 12.7~152.4		-30℃~+130℃	产品特点与 GE...ES 系列相同，但为英制尺寸。 As series GE...ES, but with inch dimensions.	38-39
	GEZ...ES-2RS 19.05~152.4			产品特点与 GE...ES-2RS 系列相同，但为英制尺寸。 As series GE...ES-2RS, but with inch dimensions.	
	GEWZ...ES 12.7~152.4		-50℃~+150℃	产品特点与 GEEW...ES 系列相同，但为英制尺寸。 As series GEEW...ES, but with inch dimensions.	40
	GEWZ...ES-2RS 19.05~152.4			-30℃~+130℃	
	GEGZ...ES 31.75~139.7		-50℃~+150℃	产品特点与 GEG...ES 系列相同，但为英制尺寸。 As series GEG...ES, but with inch dimensions.	41

轴承	系列、尺寸范围	滑动摩擦副	使用温度范围	产品特点	页码
----	---------	-------	--------	------	----

Bearing	Series and bore diameter range	Sliding contact surfaces	Permissible operating temperature range	Design characteristics	Page	
	GEGZ...ES-2RS 31.75~139.7	钢/钢 Steel/Steel	-30℃~+130℃	产品特点与 GEG...ES-2RS 系列相同，但为英制尺寸。 As series GEG...ES-2RS, but with inch dimensions.	41	
	GEGZ...HS/K 12.7~152.4		-50℃~+150℃	外圈径向分成两半，中间有一隔套，内、外圈材料均为轴承钢，淬火，磷化，滑动表面涂敷二硫化钼。 Outer ring of carbon chromium steel, radially split twice, hardened and phosphated, One spacer in between, sliding surface treated with MoS ₂ . Inner ring of carbon chromium steel, hardened and phosphated, sliding surface treated with MoS ₂ .	42	
	GEK...XS-2RS 25~60		-25℃~+120℃	外圈沿轴向剖分成两半，用锁圈固定，内、外圈材料均为轴承钢，淬火，内圈球面镀铬，外圈两端带有密封圈。 Outer ring axially split twice, held together by retaining rings. Outer ring of carbon chromium steel, hardened and fitted with seals at both sides. Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	43	
	GEBJ...S 5~30		钢/青铜 Steel/Bronze	-50℃~+150℃	外圈材料为碳钢，挤压成形；内圈材料为轴承钢，淬火，球面镀铬。 Outer ring of carbon steel, pressed around the inner ring; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	44
	GEFZ...S 4.83~25.4				外圈材料为碳钢，挤压成形；内圈材料为轴承钢，淬火，球面镀铬。 Outer ring of carbon steel, pressed around the inner ring; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	45
	GEBK...S 5~30				外圈材料为碳钢，镶有青铜衬垫；内圈材料为轴承钢，淬火，球面镀铬。 Outer ring of carbon steel, with bronze liner; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	46
自润滑型向心关节轴承 Radial spherical plain bearings maintenance-free						
	GE...C 4~50	钢/PTFE 复合材料 Steel/PTFE composite material	-50℃~+150℃	外圈材料为碳钢，挤压成形，球面衬有 PTFE 复合材料；内圈材料为轴承钢，淬火，球面镀铬。 Outer ring of carbon steel, pressed around the inner ring, with sliding surface of PTFE composite material; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	47	
	GEG...C 4~45					

轴承	系列、尺寸范围	滑动摩擦副	使用温度范围	产品特点	页码
----	---------	-------	--------	------	----

Bearing	Series and Bore diameter range	Sliding contact surfaces	Permissible operating temperature range	Design characteristics	Page
	GEBJ...C 5~30	钢/PTFE 复合材料 Steel/PTFE composite material	-50℃~+150℃	产品特点与 GE...C 系列相同。 As series GE...C.	48
	GEFZ...C 4.83~25.4			产品特点与 GE...C 系列相同，但为英制尺寸。 As series GE...C, but with inch dimensions.	49
	GE...N 10~60	钢/PTFE 塑料 Steel/PTFE plastic	-40℃~+75℃	内、外圈材料均为轴承钢，淬火，球面衬有 PTFE 塑料，内圈球面镀硬铬。 Outer ring of carbon chromium steel, hardened, with sliding surface of PTFE plastic. Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	50
	GEG...N 8~50				
	GEFZ...T 4.83~25.4	钢/PTFE 编织物 Steel/PTFE fabric	-50℃~+150℃	外圈材料为碳钢，球面粘贴 PTFE 编织物，挤压成形，内圈材料为轴承钢，淬火，球面镀硬铬。 Outer ring of carbon steel, with sliding surface of PTFE fabric, pressed around the inner ring. Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	51
	GEH...HC 100~630	钢/PTFE 复合材料 Steel/PTFE composite material	-50℃~+150℃	外圈径向分为两半，用螺钉锁紧，材料为碳钢，磷化，球面衬有 PTFE 复合材料；内圈材料为轴承钢，淬火，球面镀硬铬，型号后置代号加 S，表示内圈有润滑油槽油孔。 Outer ring of carbon steel, phosphated, radially split twice, held together by screws, with sliding surface of PTFE composite material; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating. Bearings of the S design have an annular groove and lubrication holes in inner ring.	52
	GEH...HCS 100~630				
	GEC...HC 320~600				
	GEC...HCS 320~600				
				产品特点与 GEH...HC(S)系列相同。 As series GEH...HC(S).	53

Radial spherical plain bearings maintenance-free

轴承	系列、尺寸范围	滑动摩擦副	使用温度范围	产品特点	页码
----	---------	-------	--------	------	----

Bearing	Series and Bore diameter range	Sliding contact surfaces	Permissible operating temperature range	Design characteristics	Page
	GE...ET-2RS 15~120	钢/PTFE 编织物 Steel/PTFE fabric	-30°C ~ +130°C	外圈有一道轴向缝，两端带有密封圈，材料为轴承钢，淬火，磷化，球面粘贴 PTFE 编织物；内圈材料为轴承钢，淬火，球面镀硬铬。型号后置代号为 XT，表示外圈沿轴向剖分成两半，用锁圈固定。	54
	GE...XT-2RS 140~300			Outer ring of carbon chromium steel, fractured, hardened and phosphated, with two seals at both sides, with sliding surface of PTFE fabric; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating. Outer ring of the XT design axially split twice, held together by retaining rings.	
	GEG...ET-2RS 15~110			产品特点与 GE...E(X)T-2RS 系列相同。 As series GE...E(X)T-2RS.	55
	GEG...XT-2RS 120~280				
	GE...ET/X 15~60		-50°C ~ +150°C	外圈有一道轴向缝，材料为不锈钢，淬火，球面粘贴 PTFE 编织物；内圈材料为不锈钢，淬火。型号后置代号为 XT，表示外圈沿轴向剖分成两半，用锁圈固定。	56
	GE...XT/X 70~300			Outer ring of stainless steel, fractured, hardened, with sliding surface of PTFE fabric; Inner ring of stainless steel, hardened. Outer ring of the XT design axially split twice, held together by retaining rings.	
	GEZ...ET-2RS 19.05~152.4		-30°C ~ +130°C	产品特点与 GE...ET-2RS 系列相同，但为英制尺寸。 As series GE...ET-2RS, but with inch dimensions.	57
	GEC...XT 320~460		-50°C ~ +150°C	外圈沿轴向剖分成两半，用锁圈固定，外圈材料为轴承钢，淬火，球面粘贴 PTFE 编织物；内圈材料为轴承钢，淬火，球面镀硬铬，后置代号有 -2RS 为外圈两端带有密封圈。	58
	GEC...XT-2RS 320~460	-30°C ~ +130°C	Outer ring of carbon chromium steel, hardened, axially split twice, held together by retaining rings, sliding surface of PTFE fabric. Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating. Outer ring of the 2RS design fitted with seals at both sides.		

Radial spherical plain bearings maintenance-free

轴承 Bearing	系列、尺寸范围 Series and Bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
	GEH...XT 100~420	钢/PTFE 编织物 Steel/PTFE fabric	-50°C ~ +150°C	产品特点与 GEC...XT(-2RS)系列相同。 As series GEC...XT(-2RS).	58
	GEH...XT-2RS 100~420		-30°C ~ +130°C		
	GEC...HT 320~600		-50°C ~ +150°C	外圈径向分为两半，用螺钉锁紧，材料为碳钢，磷化，球面粘贴 PTFE 编织物；内圈材料为轴承钢，淬火，球面镀硬铬。 Outer ring of carbon steel, radially split twice, held together by screws, phosphated, sliding surface of PTFE fabric. Inner ring of carbon chromium steel, hardened and sliding surface treated with hard chromium plating	59
	GEH...HT 100~800				60
	GE...XF/Q 100~300	钢/铜合金 Steel/Copper alloy	-50°C ~ +150°C	外圈沿轴向剖分成两半，用锁圈固定，外圈材料为轴承钢，淬火，磷化，球面镀硬铬；内圈材料为铜合金，球面镶嵌固体自润滑材料。 Outer ring of carbon chromium steel, axially split twice, held together by retaining ring, hardened and phosphated, sliding surface treated with hard chromium plating. Inner ring of copper alloy and sliding surface inserted with solid lubricant.	61
	GEC...XF/Q 320~460				
	GEH...XF/Q 100~420			外圈径向分为两半，用螺钉锁紧，材料为碳钢，磷化，球面镀硬铬；内圈材料为铜合金，球面镶嵌固体自润滑材料。 Outer ring of carbon steel, phosphated, radially split twice, held together by screws, sliding surface treated with hard chromium plating. Inner ring of copper alloy and sliding surface inserted with solid lubricant.	62
	GEH...HF/Q 440~800				63

轴承 Bearing	系列、尺寸范围 Series and bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
角接触关节轴承 Angular contact spherical plain bearings					
	GAC...S 25~200	钢/钢 Steel/Steel	-50℃~+150℃	内、外圈材料均为轴承钢，淬火，磷化，外圈有润滑油槽油孔，内球面有两条交叉润滑槽，滑动表面涂敷二硫化钼。 Bearing rings of carbon chromium steel, hardened and phosphated, sliding surface treated with MoS ₂ . Outer ring have groove and lubrication holes, sliding surface with two cross lubrication grooves	68
	GACZ...S 12.7~152.4			产品特点与 GAC...S 系列相同，但为英制尺寸。 As series GAC...S, but with inch dimensions.	69
	GAC...T 25~200	钢/PTFE 编织物 Steel/PTFE fabric		外圈材料为轴承钢，淬火，球面粘贴 PTFE 编织物；内圈材料为轴承钢，淬火，球面镀硬铬。 Outer rings of carbon chromium steel, hardened, with sliding surface of PTFE fabric; Inner ring of carbon chromium steel, hardened, sliding surface hard chromium plated.	70
	GAC...N 25~120	钢/PTFE 塑料 Steel/PTFE plastic	-40℃~+75℃	外圈材料为轴承钢，淬火，球面衬有 PTFE 塑料，内圈材料为轴承钢，淬火，球面镀硬铬。 Outer rings of carbon chromium steel, hardened, with sliding surface of PTFE plastic; Inner ring of carbon chromium steel, hardened, sliding surface treated with hard chromium plating.	71
推力关节轴承 Thrust spherical plain bearings					
	GX...S 10~200	钢/钢 Steel/Steel	-50℃~+150℃	轴、座圈材料均为轴承钢，淬火，磷化，座圈有润滑油槽油孔，滑动表面涂敷二硫化钼。 Bearing housing washer of carbon chromium steel, hardened and phosphated, have groove and lubrication holes. Shaft washer of carbon chromium steel, hardened and phosphated. Sliding surfaces treated with MoS ₂ .	75
	GX...T 10~360	钢/PTFE 编织物 Steel/PTFE fabric		座圈材料为轴承钢，淬火，球面粘贴 PTFE 编织物；轴圈材料为轴承钢，淬火，球面镀硬铬。 Bearing housing washer of carbon chromium steel, hardened, with sliding surface of PTFE fabric. Shaft washer of carbon chromium steel, hardened, sliding surface hard chromium plated.	76
	GX...N 17~120	钢/PTFE 塑料 Steel/PTFE plastic	-40℃~+75℃	座圈材料为轴承钢，淬火，球面衬有 PTFE 塑料，轴圈材料为轴承钢，淬火，球面镀硬铬。 Bearing housing washer of carbon chromium steel, hardened, with sliding surface of PTFE plastic. Shaft washer of carbon chromium steel, hardened, sliding surface hard chromium plated.	77






轴承 Bearing	系列、尺寸范围 Series and bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
杆端关节轴承 Rod ends					
	SI...E 5~12 SI...ES 15~80 SA...E 5~12 SA...ES 15~80	钢/钢 Steel/Steel	-50℃~+150℃	组装杆端关节轴承由杆端体和向心关节轴承 GE...E 或 GE...ES 组装而成,杆端体材料是碳钢,表面镀锌;除型号后置代号为 E 外,其余型号可通过油杯或杆端眼孔润滑。 Rod end with male or female thread is made up of a rod end and a radial spherical plain bearing of series GE...E or GE...ES, rod end of steel and zinc coated; Can be relubricated via a nipple or a hole in the rod end, except those of the E design.	83-84
	SIJ... 5~22 SAJ... 5~22 SIZJ... 4.83~19.05 SAZJ... 4.83~19.05			挤压杆端关节轴承杆端体材料是碳钢,表面镀锌,挤压成形,内圈材料是轴承钢,淬火,球面镀硬铬。 Rod end of steel and zinc coated, with male or female thread press around the inner ring; inner ring of carbon chromium steel, spherical surface with chromium plating.	85-87
	SIBP...S 5~30 SABP...S 5~30 SIZP...S 4.83~25.4 SAZP...S 4.83~25.4	钢/青铜 Steel/Bronze		镶垫杆端关节轴承杆端体材料是碳钢,表面镀锌,滑动表面镶入青铜衬垫;内圈材料是轴承钢,淬火,球面镀硬铬,除了孔径小于 6.35 外,其余均可通过油杯润滑。 Rod end of steel and zinc coated, with male or female thread, spherical surface with bronze liner; inner ring of carbon chromium steel, spherical surface with chromium plating; Can be relubricated via a nipple or a hole in the rod end, except hole diameter $d \leq 6.35$.	88-91
	SI...C 5~30 SA...C 5~30	钢/PTFE 复合材料 Steel/PTFE composite material		自润滑组装杆端关节轴承是由杆端体和自润滑向心关节轴承 GE...C 组装而成,杆端体材料是碳钢,表面镀锌;无需润滑。 Maintenance-free rod end with male or female thread is made up of a rod end and maintenance-free radial spherical plain bearing of series GE...C, rod end of steel and zinc coated; maintenance-free.	92-93
	SI...ET-2RS 15~80 SA...ET-2RS 15~80	钢/PTFE 编织物 Steel/PTFE fabric		自润滑组装杆端关节轴承是由杆端体和自润滑向心关节轴承 GE...ET-2RS 组装而成,杆端体材料是碳钢,表面镀锌;无需润滑。 Maintenance-free rod end with male or female thread is made up of a rod end and maintenance-free radial spherical plain bearing of series GE...ET-2RS, rod end of steel and zinc coated; maintenance-free.	92-93

轴承 Bearing	系列、尺寸范围 Series and bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
	SIJK...C 5~30 SAJK...C 5~30 SIK...C 5~20 SAK...C 5~20	钢/PTFE 复合材料 Steel/PTFE composite material	-50℃~+150℃	自润滑组装杆端关节轴承杆端体材料是碳钢，表面镀锌；外圈材料是青铜，滑动表面衬有 PTFE 复合材料，无需润滑；内圈材料是轴承钢，淬火，球面镀硬铬。 Rod end of steel and zinc coated, with male or female thread; outer ring of bronze, with sliding surface of PTFE composite material, maintenance-free; inner ring of carbon chromium steel, spherical surface with hard chromium plating.	94-96
	SIBP...N 5~20 SABP...N 5~20 SIZP...N 4.83~19.05 SAZP...N 4.83~19.05	钢/PTFE 塑料 Steel/PTFE plastic	-40℃~+75℃	自润滑组装杆端关节轴承是由杆端体、内圈和 PTFE 塑料组成，杆端体材料是碳钢，表面镀锌，无需润滑；内圈材料是轴承钢，淬火，球面镀硬铬。 Maintenance-free rod end with male or female thread is made up of a rod end, inner ring and PTFE plastic; Rod end of steel and zinc coated, maintenance-free; inner ring of carbon chromium steel, spherical surface with hard chromium plating.	97-99
	SK...E 10~12 SK...ES 15~80			焊接型杆端关节轴承由杆端体和向心关节轴承 GE...E 或 GE...ES 组装而成，杆端体材料是易焊接钢，杆端柄部装有弹性销，便于焊接时定位；可通过油杯或杆端眼孔润滑。 Rod end with welding shank is made up of a rod end and a radial spherical plain bearing of series GE...E or GE...ES, rod end of weldable steel, with dowel pin in shank bottom and 45° welding chamfer; Can be relubricated via a nipple or a hole in the rod end.	100
	SF...ES 15~120	钢/钢 Steel/Steel	-50℃~+150℃	焊接型杆端关节轴承由杆端体和向心关节轴承 GE...ES 或 GEEW...ES 组装而成，用挡圈固定，杆端体材料是易焊接钢，带有长方形焊接面；可通过油杯润滑。 Rod end with welding shank is made up of a rod end and a radial spherical plain bearing of series GE...ES or GEEW...ES, fixed in housing by snap rings, rod end of weldable steel, with rectangular welding face; Can be relubricated via a nipple.	101
	SFEW...ES 20~110			Rod end with welding shank is made up of a rod end and a radial spherical plain bearing of series GE...ES or GEEW...ES, fixed in housing by snap rings, rod end of weldable steel, with rectangular welding face; Can be relubricated via a nipple.	102

轴承 Bearing	系列、尺寸范围 Series and bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
	SIR...ES 20~120	钢/钢 Steel/Steel	-50℃~+150℃	带锁口杆端关节轴承由杆端体和向心关节轴承 GE...ES 组装而成, 用挡圈固定, $d < 60$, 杆端体材料是碳钢, $60 \leq d \leq 90$, 杆端体材料是碳钢或球墨铸铁, $d > 90$, 杆端体材料是球墨铸铁, SIR...ES 杆端体的内螺纹带有锁口, 配有螺钉紧固; SIRD...ES 杆端体无锁紧螺钉, 均可通过油杯润滑。 Rod end with locking slot is made up of a rod end and a radial spherical plain bearing of series GE...ES, fixed in housing by snap rings, rod end of carbon steel ($d < 60$); carbon steel or spheroidal graphite cast iron ($60 \leq d \leq 90$); spheroidal graphite cast iron ($d > 90$). Thread can be closed because shank is slotted, thread clamping by two hexagon socket screws of series SIR...ES; without socket screw of SIRD...ES; All can be relubricated via a nipple.	103
	SIRD...ES 20~120			带锁口杆端关节轴承由杆端体和向心关节轴承 GEEW...ES 组装而成, 用挡圈固定, $d < 63$, 杆端体材料是碳钢, $63 \leq d \leq 80$, 杆端体材料是碳钢或球墨铸铁, $d > 80$, 杆端体材料是球墨铸铁, 杆端体的内螺纹带有锁口, 配有螺钉紧固; 可通过油杯润滑。 Rod end with locking slot is made up of a rod end and a radial spherical plain bearing of series GEEW...ES, fixed in housing by snap rings, rod end of carbon steel ($d < 63$); carbon steel or spheroidal graphite cast iron ($63 \leq d \leq 80$); spheroidal graphite cast iron ($d > 80$). Thread can be closed because shank is slotted, thread clamping by two hexagon socket screws; Can be relubricated via a nipple.	104
	SIGEW...ES 12~200			带锁口杆端关节轴承由杆端体和向心关节轴承 GE...ES 组装而成, 杆端体材料是碳钢, 杆端体的内螺纹带有锁口, 配有螺钉紧固; 可通过油杯润滑。 Rod end with locking slot is made up of a rod end and a radial spherical plain bearing of series GE...ES, rod end of carbon steel, Thread can be closed because shank is slotted, thread clamping by two hexagon socket screws; Can be relubricated via a nipple.	105
	SIQ...ES 12~100			带锁口杆端关节轴承由杆端体和向心关节轴承 GE...ES 组装而成, 用挡圈固定, $d \leq 50$, 杆端体材料是碳钢, $d > 50$, 杆端体材料是球墨铸铁, 杆端体的内螺纹带有锁口, 配有螺钉紧固; 可通过油杯润滑。 Rod end with locking slot is made up of a rod end and a radial spherical plain bearing of series GE...ES, fixed in housing by snap rings, rod end of carbon steel ($d \leq 50$) or spheroidal graphite cast iron ($d > 50$), Thread can be closed because shank is slotted, thread clamping by two hexagon socket screws; Can be relubricated via a nipple.	106
	SIA...ES 25~160				107

轴承 Bearing	系列、尺寸范围 Series and bore	滑动摩擦副 Sliding contact	使用温度范围 Permissible operating	产品特点 Design characteristics	页码 Page
---------------	----------------------------	--------------------------	---------------------------------	--------------------------------	------------

	diameter range	surfaces	temperature range		
球头杆端关节轴承 Ball joint rod ends					
	SQ...-RS 5~22	钢/锌基合金 Steel/Zinc base alloy	-50℃~+150℃	弯杆型球头杆端关节轴承球头座由特殊的锌基合金铸成，球头杆的材料是碳钢。 Ball joint housing is made up of zinc base alloy, ball joint shank of carbon steel.	109
	SQY...-RS 4.83~19.05			产品特点与 SQ...-RS 系列相同，但为英制螺纹。 As series SQ...-RS, but with inch screw thread.	
	SQZ...-RS 5~22			直杆型球头杆端关节轴承球头座由特殊的锌基合金铸成，球头杆的材料是碳钢。 Ball joint housing is made up of zinc base alloy, ball joint shank of carbon steel.	110
	SQD... 5~16			单杆型球头杆端关节轴承外圈由特殊的锌基合金铸成，球头杆的材料是碳钢。 Ball joint outer ring is made up of zinc base alloy, ball joint shank of carbon steel.	
	SQG... 5~14			钢/钢 Steel/Steel	弯杆型球头杆端关节轴承球头座和球头杆的材料均为碳钢。 Ball joint housing and shank are of carbon steel and zinc coated.

We, Fujian Longxi Bearing (Group) Corporation Limited, hereby certify that our LS bearings do not contain the hazardous substances restricted by ROHS Directive.