关节轴承特征及应用 Design and applicationfeatures of spherical plain bearings

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轴承 Bearing	系列、内径 尺寸范围 Series and bore diameter range	滑动 摩擦副 Sliding contact surfaces	特征及应用 Design and application features	页码 Page
0	GE…E 4∼12	钢/钢 Steel/steel	单缝外围向心关节轴承,外圈有一道轴向缝,内、外圈材料均为轴承钢,热处理,磷化,滑动表面涂敷二硫化钼。具有耐磨损、抗腐蚀、自调心的特点,适用于承受径向重载和任一方向不大的轴向载荷的机械机构。 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 it has characteristcs of wear-resistance,anti-corrosion and self-aligning, suitable for heavy radial loads and any direction lower axial loads mechanism.	07
	GE···ES 15∼200	钢/钢 Steel/steel	特征及应用与GE···E系列相同,可以通过内、外圈的润滑槽油 孔润滑 As series GE···E, but can be re-lubricated via annular grooves and lubricationholes in both rings.	07
	GE···ES-2RS 15~200	钢/钢 Steel/steel	特征及应用与GE···ES系列相同,但在轴承的两面带有密封圈,适用于多粉尘环境。 As series GE···ES,but with two seals at both sides,for bearing arrangements where separate seals do not provide adequate protection.	07
8	GEG…E 4∼12	钢/钢 Steel/steel	特征及应用与GE···E系列相同,但有较宽的内圈和较大的外径, 更适合于需要较大摆动角和较大载荷的机构。 As series GE···E,but with wider inner ring and larger outside diameter,for bearing arrangement where a large angle of tilt is needed, suitable for larger loads mechanism.	08
	GEG···ES 15~200	钢/钢 Steel/steel	特征及应用与GE···ES系列相同,但有较宽的内圈和较大的外径,更适合于需要较大摆动角和较大载荷的机构。 As series GE···ES,but with wider inner ring and larger outside diameter,for bearing arrangement where a large angle of tilt is needed, suitable for larger loads mechanism.	08
	GEG····ES-2RS 15~200	钢/钢 Steel/steel	特征及应用与GE···ES-2RS系列相同,但有较宽的内圈和较大的外径,更适合于需要较大摆动角和较大载荷的机构。 As series GE···ES-2RS,but with wider inner ring and larger outside diameter,for bearing arrangement where a large angle of tilt is needed, suitable for larger loads mechanism.	08
	SB···A 12∼150	钢/钢 Steel/steel	特征及应用与GE···ES系列相同,但为英制尺寸。 As series GE···ES,but with inch dimensions.	09
	GEEW···ES 12~160	钢/钢 Steel/steel	特征及应用与GE···ES系列相同,但内圈两端带伸出圆筒,适合于需要挡圈与内圈做成一体的安装场合。 As series GE···ES,but with cylindrical extensions at each side, for bearing arrangements where spacer sleeves are normally incorporated at each side of the inner ring.	10

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	GEEM···ES-2RS 20∼80	钢/钢 Steel/steel	特征及应用与GE···ES—2RS系列相同, 但内圈两端带伸出圆筒,适合于需要挡圈与内圈做成一体的安全场合。 As series GEES-2RS,but with cylindrical extensions at each side,for bearing arrangements where spacer sleeves are normally incorporated at each side of the inner ring.	11
	GEZ···ES 12.7∼152.4	钢/钢 Steel/steel	特征及应用与GE···ES系列相同,但为英制尺寸。 As series GE···ES,but with inch dimensions.	12
	GEZ···ES-2RS 19.05∼152.4	钢/钢 Steel/steel	特征及应用与GE···ES-2RS系列相同,但为英制尺寸。 As series GE···ES-2RS,but with inch dimensions.	12
	GEWZ···ES 12.7∼88.9	钢/钢 Steel/steel	特征及应用与GEEW···ES系列相同,但为英制尺寸。 As series GEEW···ES,but with inch dimensions.	14
	GEWZ···ES-2RS 19.05∼88.9	钢/钢 Steel/steel	特征及应用与GEEW···ES-2RS系列相同,但为英制尺寸。 As series GEEW···ES-2RS,but with inch dimensions.	14
	GEGZ···ES 31.75∼139.7	钢/钢 Steel/steel	特征及应用与GEG···ES系列相同,但为英制尺寸。 As series GEG···ES,but with inch dimensions.	15
	GEGZ···ES-2RS 31.75∼139.7	钢/钢 Steel/steel	特征及应用与GEG···ES-2RS系列相同,但为英制尺寸。 As series GEG···ES-2RS,but with inch dimensions.	15
(GEBK····S 5∼30	钢/青铜 Steel/Bronze	镶垫外圈向心关节轴承,外圈材料为碳钢,镶有青铜衬垫;内圈材料为轴承钢,热处理,球面镀硬铬。具有灵活性好、耐磨损、自调心的特点,使用于低速、重载的机械机构。 Outer ring of carbon steel,with bronze liner; Inner ring of carbon chromium steel,hardened, sliding surface'treated with chromium plating.it has characteristics of good flexibility, wear-resistance and self-aligning,apply to low speed and heavy load mechanism.	16

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	GE…C 4∼30	钢/PTFE 复合材料 Steel/PTFE Composite material	自润滑向心关节轴承,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,热处理,球面镀硬铬。具有自润滑、耐磨损、自调心、低磨擦的特点,适用于低速、重载的机械机构。 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 chromium plating .it has characteristics of maintenance-free, wear-resistance, self-aligning and lower friction, apply to low speed and heavy load mechanism.	17
	GEG…C 4∼30	钢/PTFE 复合材料 Steel/PTFE Composite material	特征及应用与GE····C系列相同,但更适合于需要较大摆动角和较大载荷的机构。 As series GE····C, but for bearing arrangement where a large angle of tilt is needed, suitable for larger loads mechanism.	17
	SGE…C 4∼30	钢/PTFE 复合材料 Steel/PTFE Composite material	与GE····C相同,但材料为不锈钢 Asseries GE····C,but in stainless steel.	18
	SGEGC 4~30	钢/PTFE 复合材料 Steel/PTFE Composite material	与GEG····C相同,但材料为不锈钢 Asseries GEG····C,but in stainless steel.	18
	COM 4.83~25.4	钢/钢 Steel/Steel	挤压外圈向心关节轴承,外圈材料为碳钢,挤压成型;内圈材料为轴承钢,热处理,球面镀硬铬。具有耐磨损、自调心的特点,适用于低速、重载的机械机构。 Outer ring of carbon steel, pressed around the inner ring; Inner ring of carbon chromium steel, hardened, sliding surface treated withchromium plating, it has characteristics of wear-resisfance and self-aligning, apply fo law speed and heavy load mechanism.	19
	COM····T 4.83∼25.4	钢/PTFE 复合材料 Steel/PTFE Composite material	特征及应用与GE···C系列相同,但为英制尺寸。 As series GE···C,but with inch dimensions.	20
	GE···ET-2RS 15∼120	钢/PTFE 编织物 Steel/PTFE Fabric	两面带密封圈单缝外圈自润滑向心关节轴承,外圈有一道轴向缝,外圈材料为轴承钢,热处理,磷化,球面粘贴PTFE编织物;内圈材料为轴承钢,热处理,球面镀硬铬。具有自润滑、耐磨损、自调心、低摩擦的特点,适用于多粉尘环境、承受径向重载及任一方向不大的轴向载荷的机械机构。 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 chromium plating.it has characteristics of maintenance-free, wearresistance, self-aligning and lower friction,for bearing arrangements where separate seals do not provide adequate protection,suitable for heavy radial loads and any direction lower axial loads mechanism.	21

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	GEG…ET-2RS 15∼120	钢/PTFE 编织物 Steel/PTFE Fabric	特征及应用与GE···ET-2RS系列相同,但更适合于需要较大摆动角和较大载荷的机构。 As series GE···ET-2RS,but for bearing arrangement where a large angle of tilt is needed,suitable for larger loads mechanism.	22
	GEZ···ET-2RS 19.05∼152.4	钢/PTFE 编织物 Steel/PTFE Fabric	特征及应用与GE···ET-2RS系列相同,但为英制尺寸。 As series GE···ET-2RS,but with inch dimensions.	23
	GK…DO 10-80	钢/钢 Steel/steel	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,杆端体材料是碳钢,杆端柄顶部装有开口销,便于焊接时定位;可通过油杯或杆端眼孔润滑,具有较大的承载能力、安装拆卸方便、机构简化的优点。 Rod end with welding shank is made up of a rod end and a radial spherical plain bearing of seriesGE···E orGE···ES,rodend of weldable steel and phosphated,with dowel pin in shank bottom and 45 welding chamfer;Can be relubricated via a nipple or a hole in the rod end .lt has characteristics of large load capability、easy mounting and dismounting and mechanism simplification.	28
	GF…DO 20-80	钢/钢 Steel/steel	焊接型杆端关节轴承由杆端体和向心关承GE···E或GE···ES组装而成,用挡圈固定,杆端体材料是碳钢,带有长方形焊接面;可通过油杯润滑,具有较大的承载能力、安装拆卸方便、机构简化的优点。 Rod end with welding shank is made up of as rod end and a radial spherical plain bearing of seriesGE···EorGE···ES, fixed in housing by snap rings, rod end of weldable steel and phosphated, with rectangular welding face; can be relubricated via a nipple. It has characteristics of large load capability, easy mounting and dismounting and mechanism simplification.	29

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	GIHR-K···DO 20-100	钢/钢 Steel/steel	带锁口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,用挡圈固定,杆端体材料是碳钢(d<50)或球墨铸铁(d>50),杆端体的内螺纹带有锁口,配有螺钉紧固;可通过油杯润滑,具有较大的承载能力、安装拆卸方便、机构简化的优点。 Rod end with welding shank is made up of a rod end and a radial spherical plain bearing of seriesGE···Eor GE···ES, fixed in housing by snap rings, rod end of carbon steel(d<50)or spheroidal graphite cast iron(d>50) and phosphated, thread can be closed because shank is slotted, thread clamping by two hexagon socket screws; can be relubricated vianipple.it has characteristics of large load capability, easy mounting and dismounting ond mechanism simplification.	30
	GIHN···K-LO 12-80	钢/钢 Steel/steel	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,杆端体材料是碳钢(d≤50)或球墨铸铁(d>50),杆端体的内螺纹带有锁口,配有螺钉紧固:可通过油杯润滑,具有较大的承载能力、安装拆卸方便、机构简化的优点。 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≤50)or spheroidal graphite cast iron(d>50) and phosphated.Thread can be closed because shank is slotted,thread clamping by two hexagon socket screws; Can be relubricated via nipple. It has characteristics of large load capability,easy mounting and dismounting and mechanism simplification.	31
	GAC…S 25∼200	钢/钢 Steel/Steel	角接触关节轴承,内、外圈材料均为轴承钢,热处理,磷化,滑动表面涂敷二硫化钼。具有耐磨损、抗腐蚀、自调心的特点,适用于承受径向载荷和单一方向载荷的机械机构。 Bearing rings of carbon chromium steel,hardened and phosphated,sliding surface treated with MoS2.It has characteristics of wear-resistance, anti-corrosion and selfaligning,suitablefor radial loads and single direction axial loads mechanism.	35
	GX···S 10∼200	钢/钢 Steel/Steel	推力关节轴承,轴、座圈材料均为轴承钢,热处理,磷化,滑动表面涂敷二硫化钼。具有耐磨损、抗腐蚀、自调心的特点,使用于承受单一方向的轴向载荷或径向和轴向联合载荷的机械机构。 Bearing washers of carbon chromium steel,hardened and phosphated,sliding surface treated with MoS2. It has characteristics of wear-resistance, anti-corrosion and selfaligning,suitable for single direction axial loads or combined radial and axial loads mechanism.	36

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