











Spherical Plain Bearings



• Design and application features

Bearing	Series and bore diameter range	Sliding contact	Design and application features
	GE...E 4-12mm	Steel/Steel	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 characteristics of wear-resistance, corrosion resistance and self-aligning, suitable for heavy radial loads and any direction lower axial loads mechanism.
	GE...ES 15-300mm	Steel/Steel	As series GE...E, but can be relubricated via annular grooves and lubrication holes in both rings.
	GE...ES-2RS 15-300mm	Steel/Steel	As series GE...ES, but with two seals at both sides, for bearing arrangements where separate seals do not provide adequate protection.
	GEG...E 4-12mm	Steel/Steel	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.
	GEG...ES 15-280mm	Steel/Steel	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.
	GEG...ES-2RS 15-280mm	Steel/Steel	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.
	GEZ...ES 1/2" - 6"	Steel/Steel	As series GE...ES, but with inch dimensions.
	GEZ...ES-2RS 1/2" - 6"	Steel/Steel	As series GE...ES-2RS, but with inch dimensions.
	GEGZ...ES 1-1/4" - 5-1/2"	Steel/Steel	As series GEG...ES, but with inch dimensions.
	GEGZ...ES-2RS 1-1/4" - 5-1/2"	Steel/Steel	As series GEG...ES-2RS, but with inch dimensions.

Available on special request:

Maintenance free spherical plain bearings with materials Steel/PTFE composite material, Steel/PTFE fabric and Steel/Copper alloy.

Other types: Extended inner ring series, Maintenance-free series, Angular contact series, Thrust series, Rod ends and ball joint rod ends

Widely used on machinery of mining, metallurgical, engineering, electrical power equipment, traffic, space, medicine, construction equipment, etc.

Our Spherical plain bearings come from QS-9000, VDA6.1, ISO9001 and ISO14001 certified factory