



SPHERICAL BEARINGS



**GEZ-ES SERIES**

**Description:**

GEZ-ES-Series is our 2-piece fractured outer ring metric range of spherical plain bearings used in non rotational applications. Ball and race sliding surfaces are treated with MoS2 for increased lubricity on wear surface. A lubrication groove is provided on the raceway for applications requiring re-lubrication after installation.

**Material Specifications:**

Outer ring: Bearing steel 100Cr6, case hardened and manganese phosphated, treated with MoS2. Ball: Bearing steel 100Cr6, hardened and manganese phosphate. Seals: Polyurethane.

**Features:**

Metric bore sizes  
Low cost  
Maintenance required  
Up to 140mm bore sizes available

**Possible Applications:**

Light to heavy industrial/mechanical applications  
Construction equipment  
Agricultural equipment  
Hydraulic applications

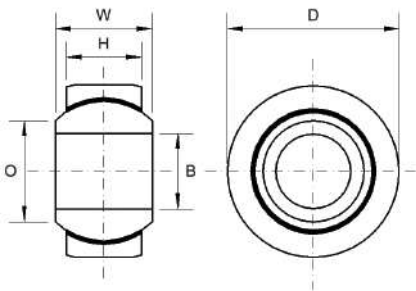
**Temperature Range:**

-54°C to +121°C

**Specification:**

ELV & RoHS compliant

**GEZ ES SERIES: MAINTENANCE REQUIRED (IMPERIAL)**



**Outer Ring:** Bearing Steel 100Cr6, Hardened and Manganese Phosphate, wear faces treated with MoS2.

**Ball:** Bearing Steel 100Cr6, Hardened and Manganese Phosphate

**Seals:** Polyurethane

**Specification:** ELV and RoHS Compliant



Part No. Unsealed	Part No. Sealed	Bore Size	W	H	D	Static Load Rating (Newtons) Radial
GEZ008ES	GEZ008ES-2RS	1/2	11.100	9.525	22.225	41,000
GEZ010ES	GEZ010ES-2RS	5/8	13.894	11.913	26.988	65,000
GEZ012ES	GEZ012ES-2RS	3/4	16.662	14.275	31.750	95,000
GEZ014ES	GEZ014ES-2RS	7/8	19.431	16.662	36.513	127,000
GEZ100ES	GEZ100ES-2RS	1	22.225	19.050	41.275	166,000
GEZ104ES	GEZ104ES-2RS	1-1/4	27.762	23.800	50.800	260,000
GEZ106ES	GEZ106ES-2RS	1-3/8	30.150	26.187	55.563	310,000
GEZ108ES	GEZ108ES-2RS	1-1/2	33.325	28.575	61.913	375,000
GEZ112ES	GEZ112ES-2RS	1-3/4	38.887	33.325	71.438	510,000
GEZ200ES	GEZ200ES-2RS	2	44.450	38.100	80.963	670,000
GEZ204ES	GEZ204ES-2RS	2-1/4	55.013	42.850	90.488	850,000
GEZ208ES	GEZ208ES-2RS	2-1/2	55.550	47.625	100.013	1,060,000
GEZ212ES	GEZ212ES-2RS	2-3/4	61.112	52.375	111.125	1,250,000
GEZ300ES	GEZ300ES-2RS	3	66.675	57.150	120.65	1,500,000
GEZ304ES	GEZ304ES-2RS	3-1/4	72.238	61.900	130.175	1,760,000
GEZ308ES	GEZ308ES-2RS	3-1/2	77.775	66.675	139.700	2,040,000