



Spherical Ball Bearings

The standard radial spherical plain bearing is characterized by an outer ring with a single split in the axial direction. The outer and inner ring are made of chrome steel that is hardened and phosphate treated.

The sliding surface is treated with molybdenum bisulfide. In addition to the treated sliding surface the bearing receives lubrication through holes on the inner and outer bearing wall. Due to the molybdenum and bisulfide treatment and ability to self-lubricate, these bearings experience high wear resistance. This bearing also performs well in applications exposed to dusty environments.



Various models of spherical ball bearings are available with sealing components on both sides of the bearing. Spherical ball bearings are available in metric and standard sizes. (Please see the back of the flyer for a part cross over list.)

Radial Spherical Plain Bearings (*requiring maintenance*)- The standard plain bearing demonstrates excellent performance in circumstances where the bearing will be experiencing a heavy load in alternating directions, shock loads or heavy static loads.

Radial Spherical Plain Bearings (*maintenance-free*)- maintenance-free bearings use low friction materials on the sliding surface. These bearings are an excellent option for applications that require the bearing to go long durations without maintenance. The bearing performs best in applications where loads are heavy and in a constant direction. The maintenance-free radial ball bearing is also more suitable for applications where there is inadequate lubrication making the steel-on-steel bearing unusable.

In order to accommodate different application requirements, we have the following three materials available for maintenance-free bearings:

- Steel-on-PTFE composite material
- Steel-on-PTFE fabric
- Steel-on-copper alloy

●●● Spherical Ball Bearings Interchange ●●●

Standard Duty Inch Unsealed

<i>Hi-Tech Seals</i>	<i>R.B.C.</i>	<i>SKF</i>	<i>TORRINGTON</i>	<i>ELGES</i>	<i>IKO</i>
GEZ12ES	B8-L	GEZ008ES	5SF8	-	SBB 8
GEZ15ES	B10-L	GEZ010ES	6SF10	-	SBB 10
GEZ19ES	B12-L	GEZ012ES	7SF12	GE19ZO	SBB 12
GEZ22ES	B14-L	GEZ014ES	8SF14	GE22ZO	SBB 14
GEZ25ES	B16-L	GEZ100ES	10SF16	GE25ZO	SBB 16
GEZ31ES	B20-L	GEZ104ES	12SF20	GE31ZO	SBB 20
GEZ34ES	B22-L	GEZ106ES	13SF22	GE34ZO	SBB 22
GEZ38ES	B24-L	GEZ108ES	15SF24	GE38ZO	SBB 24
GEZ44ES	B28-L	GEZ112ES	17SF28	GE44ZO	SBB 28
GEZ50ES	B32-L	GEZ200ES	20SF32	GE50ZO	SBB 32
GEZ57ES	B36-L	GEZ204ES	22SF36	GE57ZO	SBB 36
GEZ63ES	B40-L	GEZ208ES	25SF40	GE63ZO	SBB 40
GEZ69ES	B44-L	GEZ212ES	27SF44	GE69ZO	SBB 44
GEZ76ES	B48-L	GEZ300ES	30SF48	GE76ZO	SBB 48
GEZ82ES	B52-L	GEZ304ES	32SF52	-	SBB 52
GEZ88ES	B56-L	GEZ308ES	35SF56	-	SBB 56
GEZ95ES	B60-L	GEZ312ES	37SF60	-	SBB 60
GEZ101ES	B64-L	GEZ400ES	40SF64	-	SBB 64
GEZ114ES	B72-9L	GEZ408ES	45SF72	-	SBB 72
GEZ127ES	B80-9L	GEZ500ES	50SF80	-	SBB 80
GEZ152ES	B96-9L	GEZ600ES	60SF96	-	SBB 96

Standard Duty Inch Sealed

GEZ25ES-2RS	B16-LSS	GEZ100ES-2RS	10SF16-TT	GE25ZO-2RS	SBB 16-2RS
GEZ31ES-2RS	B20-LSS	GEZ104ES-2RS	12SF20-TT	GE31ZO-2RS	SBB 20-2RS
GEZ34ES-2RS	B22-LSS	GEZ106ES-2RS	13SF22-TT	GE34ZO-2RS	SBB 22-2RS
GEZ38ES-2RS	B24-LSS	GEZ108ES-2RS	15SF24-TT	GE38ZO-2RS	SBB 24-2RS
GEZ44ES-2RS	B28-LSS	GEZ112ES-2RS	17SF28-TT	GE44ZO-2RS	SBB 28-2RS
GEZ50ES-2RS	B32-LSS	GEZ200ES-2RS	20SF32-TT	GE50ZO-2RS	SBB 32-2RS
GEZ57ES-2RS	B36-LSS	GEZ204ES-2RS	22SF36-TT	GE57ZO-2RS	SBB 36-2RS
GEZ63ES-2RS	B40-LSS	GEZ208ES-2RS	25SF40-TT	GE63ZO-2RS	SBB 40-2RS
GEZ69ES-2RS	B44-LSS	GEZ212ES-2RS	27SF44-SS	GE69ZO-2RS	SBB 44-2RS
GEZ76ES-2RS	B48-LSS	GEZ300ES-2RS	30SF48-SS	GE76ZO-2RS	SBB 48-2RS
GEZ82ES-2RS	B52-LSS	GEZ304ES-2RS	32SF52-SS	-	SBB 52-2RS
GEZ88ES-2RS	B56-LSS	GEZ308ES-2RS	35SF56-SS	-	SBB 56-2RS
GEZ95ES-2RS	B60-LSS	GEZ312ES-2RS	37SF60-SS	-	SBB 60-2RS
GEZ101ES-2RS	B64-LSS	GEZ400ES-2RS	40SF64-SS	-	SBB 64-2RS
GEZ114ES-2RS	B72-9LSS	GEZ408ES-2RS	45SBB72-SS	-	SBB 72-2RS
GEZ127ES-2RS	B80-9LSS	GEZ500ES-2RS	50SBB80-SS	-	SBB 80-2RS
GEZ152ES-2RS	B96-9LSS	GEZ600ES-2RS	60SBB96-SS	-	SBB 96-2RS

EDMONTON, AB

9211- 41 Avenue NW
(780)-438-6055
Toll Free: (800)-661-6055

CALGARY, AB

Bay #3, 5940- 30 Street SE
(403)-720-2856
Toll Free: (800)-830-7822

NEWMARKET, ON

1180 Kerrisdale Blvd; Unit #8
(905)-953-9666
Toll Free: (877)-296-9412

BOUCHERVILLE, QC

1450 Rue Nobel, Suite #20
(450)-655-7325
Toll Free: (866)-894-7325