

# Spherical Roller Bearings KG



In Spherical Roller Bearings, the raceway of outer ring is designed to have a spherical profile, whose center coincides with the bearing's center point.

This type of bearing is self-aligning type, hence can be used for applications where a misalignment of shaft may arise either due to an erroneous mounting or due to shaft deflections. The outer ring generally has lubrication holes and grooves. These bearings are suitable for very high radial impact load applications, and a moderately high level of bi-directional axial load.

Spherical Roller Bearings are available in two bore types:

- 1) Cylindrical Bore
- 2) Tapered Bore

**KG can offer the following variants:**

Single Row type – 202 series (details available on request)

Double Row type – 213, 222, 223, 230, 231, 232, 239, 240, 241 Series

Large product range from 25mm ID to 850mm ID

with C2, CN, C3 and C4 radial clearance

Pressed steel or single piece and split type machined brass cage

With oil groove and oil hole (W33) design

Standard precision grade P0 and higher precision grade P6.

Spherical plain type bearings – GE Series in open and 2RS type design

**Note: Sealed Spherical Roller Bearings are also available for special applications.**