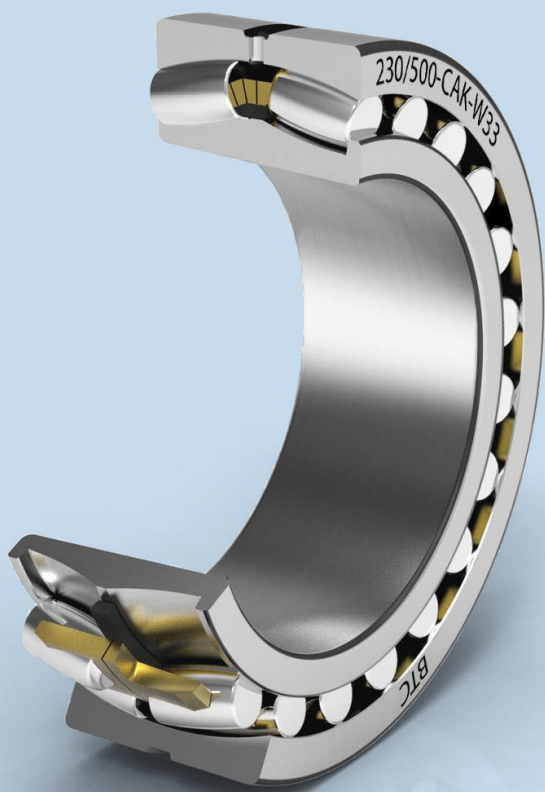




Spherical Roller Bearings



Product Characteristics

Spherical roller bearings are double row radial bearings typically used in heavy industry and general machinery. They can absorb high radial loads and compensate for high misalignment.

Designs

Spherical roller bearings are produced in a variety of designs and series. They are frequently designed with a tapered bore to enable mounting on adapter or withdrawal sleeves (suffixes: K and K30, respectively)

Cage Variants

Depending on the bearing's series and size, spherical roller bearings are produced in several design variations. Small and medium sized designs are manufactured with pressed steel cages (suffix CC) as standard. Larger bearings have solid brass or solid steel cages (designs CA, MB, CAF) as standard.

Larger spherical roller bearings can be produced with special cages i.e. hardened and coated cages, or steel pin cages.

Please contact us for more information.

Application Examples

- Heavy Industry
- Material Handling
- Grinding Mills
- Crushing Machinery



Special Designs

BTC Engineering also produces spherical roller bearings in special designs, i.e. with modified lubrication grooves and holes (Versions W20, W26 etc.) on request.

Spherical roller bearings can also be manufactured with bainitically hardened or case carburised steel rings, with limited tolerances or different clearance classes.

Smaller bearings are also available in a sealed version.

Standard Product Range

(The effective product range is dependent on the individual design and series.)

Series	Bore Diameter	Ød [mm]
213	25	100
222	25	360
223	40	280
230	110	1350
231	100	1000
232	90	750
240	65	1120
241	100	1000
238	630	1180
239	180	1180
248	460	1800
249	710	1320





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