

SKF 230/850 CA/W33 Spherical roller bearings

Spherical roller bearings have two rows of rollers, a common sphered outer ring raceway and two inner ring raceways inclined at an angle to the bearing axis. The centre point of the sphere in the outer ring raceway is at the bearing axis. Therefore, the bearings are self-aligning and insensitive to misalignment of the shaft relative to the housing, which can be caused, for example, by shaft deflection. Spherical roller bearings are designed to accommodate heavy radial loads, as well as heavy axial loads in both directions.

Dimensions:

d		850	mm
D		1220	mm
B		272	mm
d2	?	972	mm
D1	?	1117	mm
b		22.3	mm
K		12	mm
r1,2	min.	7.5	mm

Abutment dimensions:

da	min.	878	mm
Da	max.	1192	mm
ra	max.	6	mm