

**FAG****UK209-OSE**

Radial insert ball bearing

Technical information

**Main Dimensions & Performance Data**

d	45 mm	Bore diameter
D _{SP}	85 mm	Outside diameter
B	32 mm	Width
C _{0r}	20.400 N	Basic static load rating, radial
C _{ur}	1.060 N	Fatigue load limit, radial
C _r	34.500 N	Basic dynamic load rating, radial
≈m	0,53 kg	Weight

Dimensions

C	21 mm	Width, outer ring
C ₂	22,4 mm	Sealing total width
C _a	6,3 mm	Distance to lubrication hole

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14,1	Calculation factor
----------------	------	--------------------



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment