

**FAG****UC209-28**

Radial insert ball bearing

Radial insert ball bearings UC, spherical outer ring, location by grub screws, RSR seals on both sides

Technical information

**Main Dimensions & Performance Data**

d	44,45 mm	Bore diameter
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D _{SP}	85 mm	Outside diameter
B	49,2 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	0,684 kg	Weight

Dimensions

C	22 mm	Width, outer ring
C ₂	22,6 mm	Sealing total width
S	19 mm	Distance raceway
d ₁	57,91 mm	Rib diameter inner ring
C _a	6,3 mm	Distance to lubrication hole
A	8 mm	Distance thread

Temperature range

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



Calculation factors

f_0	14,1	Calculation factor
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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