

**FAG****UC207**

## 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	35 mm	Bore diameter
D <sub>SP</sub>	72 mm	Outside diameter
B	42.9 mm	Width
C <sub>0r</sub>	15,300 N	Basic static load rating, radial
C <sub>ur</sub>	650 N	Fatigue load limit, radial
C <sub>r</sub>	27,500 N	Basic dynamic load rating, radial
≈m	0.46 kg	Weight

**Dimensions**

C	20 mm	Width, outer ring
C <sub>2</sub>	20.6 mm	Sealing total width
S	17.5 mm	Distance raceway
d <sub>1</sub>	46.84 mm	Rib diameter inner ring
C <sub>a</sub>	5.7 mm	Distance to lubrication hole
A	7 mm	Distance thread
W	4 mm	Width of flats

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	100 °C	Operating temperature max.



### Calculation factors

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$f_0$	13.8	Calculation factor
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### Characteristics

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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