

**FAG****UC203**

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	17 mm	Bore diameter
D _{SP}	47 mm	Outside diameter
B	31 mm	Width
C _{0r}	6,600 N	Basic static load rating, radial
C _{ur}	345 N	Fatigue load limit, radial
C _r	13,600 N	Basic dynamic load rating, radial
≈m	0.185 kg	Weight

Dimensions

C	17 mm	Width, outer ring
C ₂	16.8 mm	Sealing total width
S	12.7 mm	Distance raceway
d ₁	27.56 mm	Rib diameter inner ring
C _a	4.2 mm	Distance to lubrication hole
A	5 mm	Distance thread
W	3 mm	Width of flats

Temperature range

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



Calculation factors

f_0	13.1	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