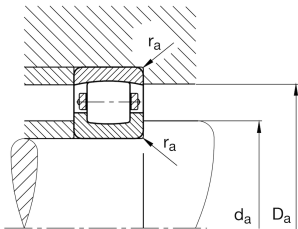
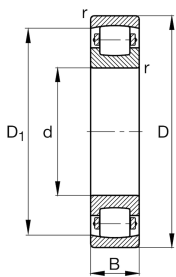


**FAG****20307-TVP**

Barrel roller bearing

Barrel roller bearings 203, main dimensions
to DIN 635-1

Technical information



Your current product variant

Bore type	Z	Cylindrical
Cage	TVP	Plastic cage
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	21 mm	Width
C _r	58.000 N	Basic dynamic load rating, radial
C _{0r}	61.000 N	Basic static load rating, radial
C _{ur}	5.500 N	Fatigue load limit, radial
n _G	8.000 1/min	Limiting speed
≈m	0,504 kg	Weight

Mounting dimensions

d _{a min}	44 mm	Minimum diameter shaft shoulder
D _{a max}	71 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	67,4 mm	Bore diameter outer ring



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Characteristics

-  F_r Radial load
-  F_a Axial load in one direction
-  F_a Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment