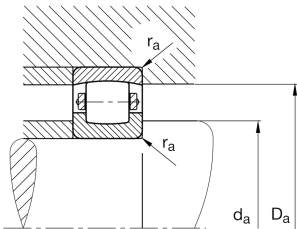
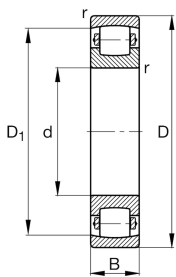


**FAG****20205-TVP-C3** [🔗](#)

Barrel roller bearing

Barrel roller bearings 202, main dimensions to DIN 635-1

Technical information



Your current product variant

Bore type	Z	Cylindrical
Cage	TVP	Plastic cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	24.100 N	Basic dynamic load rating, radial
C _{0r}	24.900 N	Basic static load rating, radial
C _{ur}	2.260 N	Fatigue load limit, radial
n _G	11.500 1/min	Limiting speed
≈m	0,135 kg	Weight

Mounting dimensions

d _{a min}	30,6 mm	Minimum diameter shaft shoulder
D _{a max}	46,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	43,9 mm	Bore diameter outer ring



Temperature range

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

Characteristics

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