

**FAG****20209-K-TVP-C3**

Barrel roller bearing

Barrel roller bearing 202..-K-TVP

## Technical information

**Your current product variant**

Bore type	K	Tapered, taper 1:12
Cage	TVP	Plastic cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN

**Main Dimensions & Performance Data**

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
$C_r$	52.000 N	Basic dynamic load rating, radial
$C_{0r}$	58.000 N	Basic static load rating, radial
$C_{ur}$	6.100 N	Fatigue load limit, radial
$n_G$	8.400 1/min	Limiting speed
$\approx m$	0,418 kg	Weight

**Mounting dimensions**

$d_{a \min}$	52 mm	Minimum diameter shaft shoulder
$D_{a \max}$	78 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius
$d_{a \max}$	56 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	48 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	5 mm	Minimum cavity width of the sleeve



### Dimensions

$r_{min}$	1,1 mm	Minimum chamfer dimension
$D_1$	74,6 mm	Bore diameter outer ring









### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

### Additional information

H209	Adapter sleeve
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### 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