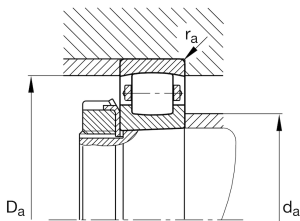
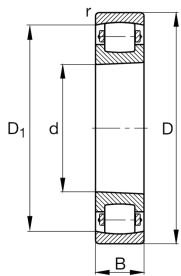
**FAG****20210-K-TVP-C3** [🔗](#)

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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C _r	59.000 N	Basic dynamic load rating, radial
C _{0r}	69.000 N	Basic static load rating, radial
C _{ur}	7.200 N	Fatigue load limit, radial
n _G	7.700 1/min	Limiting speed
≈m	0,472 kg	Weight

Mounting dimensions

d _{a min}	57 mm	Minimum diameter shaft shoulder
D _{a max}	83 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
d _{a max}	61 mm	Maximum diameter of shaft shoulder
d _{b min}	53 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	79,5 mm	Bore diameter outer ring

Temperature range

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

Additional information

H210	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