

FAG

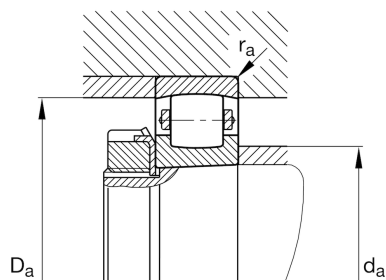
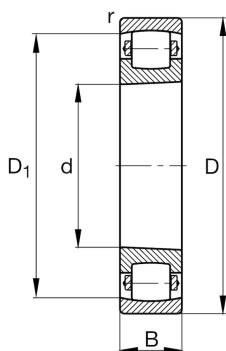
20209-K-TVP-C3

Barrel roller bearing

Schaeffler ID:
0384286520030

Barrel roller bearing 202...-K-TVP

Technical information

**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
	0.418 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
D_1	74.6 mm	Bore diameter outer ring

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

Additional information

H209	Adapter sleeve
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Temperature range

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