

FAG

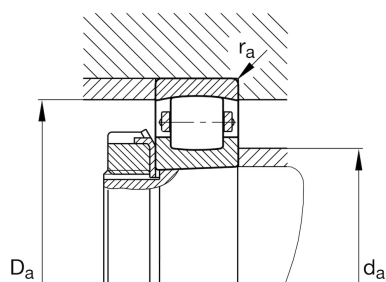
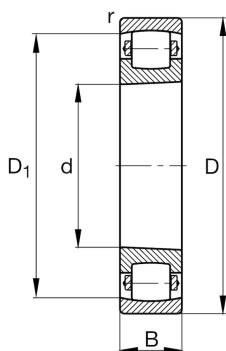
**20205-K-TVP-C3**

Barrel roller bearing

Schaeffler ID:  
0190134850030

Barrel roller bearing 202...-K-TVP

## Technical information

**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
	0.133 kg	Weight

**Dimensions**

$r_{min}$	1 mm	Minimum chamfer dimension
$D_1$	43.9 mm	Bore diameter outer ring

**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
$d_{a max}$	33 mm	Maximum diameter of shaft shoulder
$d_{b min}$	28 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	6 mm	Minimum cavity width of the sleeve

**Additional information**

H205	Adapter sleeve
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**Temperature range**

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