

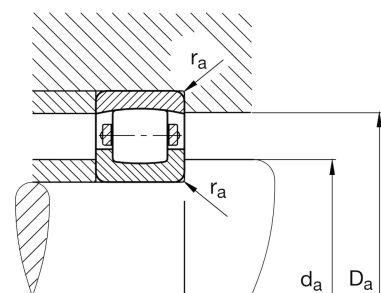
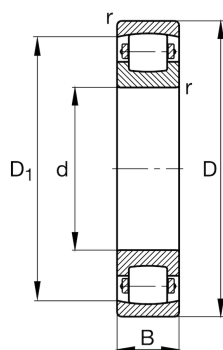
FAG

20308-TVP

Barrel roller bearing

Schaeffler ID:
0167020930000Barrel roller bearings 203, main
dimensions to DIN 635-1

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C_r	76,000 N	Basic dynamic load rating, radial
C_{0r}	81,000 N	Basic static load rating, radial
C_{ur}	7,300 N	Fatigue load limit, radial
n_G	7,000 1/min	Limiting speed
	0.7 kg	Weight

Dimensions

r_{min}	1.5 mm	Minimum chamfer dimension
D_1	76.8 mm	Bore diameter outer ring

Mounting dimensions

$d_{a min}$	49 mm	Minimum diameter shaft shoulder
$D_{a max}$	81 mm	Maximum diameter of housing shoulder
$r_{a max}$	1.5 mm	Maximum recess radius

Temperature range

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