

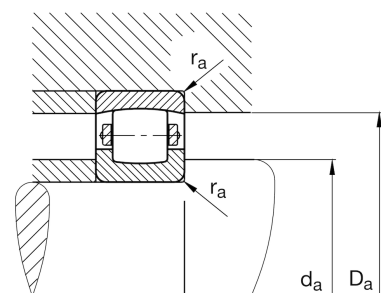
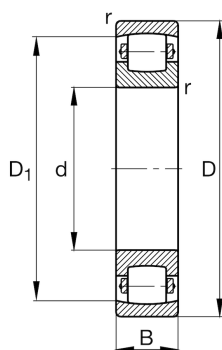
FAG

20304-TVP

Barrel roller bearing

Schaeffler ID:
0167020500000Barrel roller bearings 203, main
dimensions to DIN 635-1

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C_r	27.000 N	Basic dynamic load rating, radial
C_{0r}	24.600 N	Basic static load rating, radial
C_{ur}	2.360 N	Fatigue load limit, radial
n_G	11.800 1/min	Limiting speed
	0,002 kg	Weight

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
D_1	43,5 mm	Bore diameter outer ring

Mounting dimensions

$d_{a min}$	27 mm	Minimum diameter shaft shoulder
$D_{a max}$	45 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum recess radius

Temperature range

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