

FAG

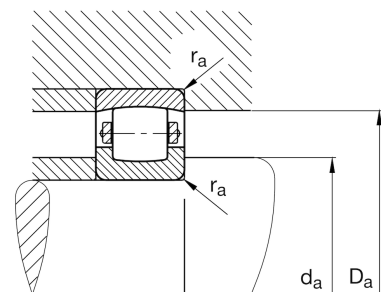
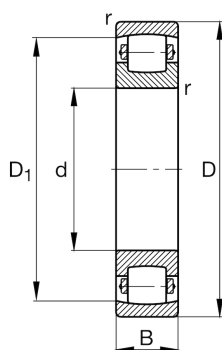
★ 20310-TVP

Barrel roller bearing

Schaeffler ID:
0190140900000Barrel roller bearings 203, main
dimensions to DIN 635-1

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	1,138 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C_r	108.000 N	Basic dynamic load rating, radial
C_{0r}	118.000 N	Basic static load rating, radial
C_{ur}	10.600 N	Fatigue load limit, radial
n_G	5.800 1/min	Limiting speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	94,4 mm	Bore diameter outer ring

Mounting dimensions

$d_{a\min}$	61 mm	Minimum diameter shaft shoulder
$D_{a\max}$	99 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius