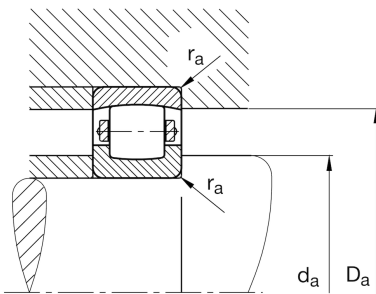
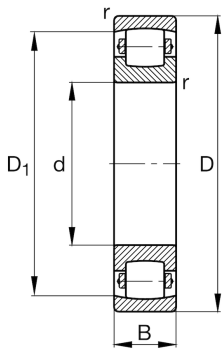
**FAG****20318-MB**

Barrel roller bearing

Schaeffler ID:
0190142870000Barrel roller bearings 203, main
dimensions to DIN 635-1

Technical information

**Main Dimensions & Performance Data**

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C_r	300.000 N	Basic dynamic load rating, radial
C_{0r}	360.000 N	Basic static load rating, radial
C_{ur}	31.500 N	Fatigue load limit, radial
n_G	3.500 1/min	Limiting speed
	6,12 kg	Weight

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
D_1	165,1 mm	Bore diameter outer ring

Mounting dimensions

$d_{a min}$	104 mm	Minimum diameter shaft shoulder
$D_{a max}$	176 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum recess radius

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.