

FAG

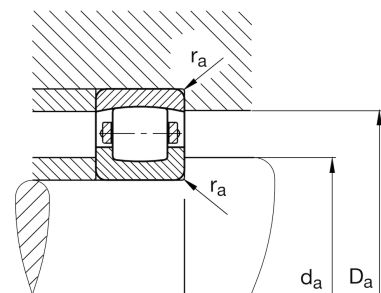
★ 20309-TVP

Barrel roller bearing

Schaeffler ID:
0167021150000Barrel 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.
	0,881 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C_r	87.000 N	Basic dynamic load rating, radial
C_{0r}	94.000 N	Basic static load rating, radial
C_{ur}	8.600 N	Fatigue load limit, radial
n_G	6.500 1/min	Limiting speed

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	85,2 mm	Bore diameter outer ring

Mounting dimensions

$d_{a \min}$	54 mm	Minimum diameter shaft shoulder
$D_{a \max}$	91 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius