

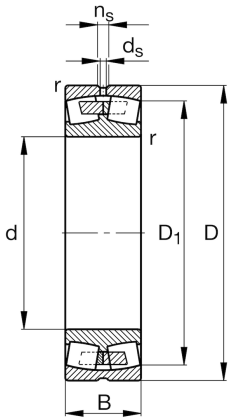
FAG★ **23938-S-MB**

Spherical roller bearing

Schaeffler ID:
0190416240000Spherical roller bearings 239, main
dimensions to DIN 635-2

★ Preferred product

Technical information

**Temperature range**

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.
	8,095 kg	Weight

Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	260 mm	Outside diameter
B	52 mm	Width
C_r	470.000 N	Basic dynamic load rating, radial
C_{0r}	890.000 N	Basic static load rating, radial
C_{ur}	64.000 N	Fatigue load limit, radial
n_G	3.150 1/min	Limiting speed
n_{gr}	1.750 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	240,2 mm	Bore diameter outer ring
d_s	4,8 mm	Diameter lubrication hole
n_s	9,5 mm	Width of lubricating groove

Mounting dimensions

$d_{a\min}$	198,8 mm	Minimum diameter shaft shoulder
$D_{a\max}$	251,2 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius

Additional information

e	0,18	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,66	Dynamic axial load factor
Y_2	5,46	Dynamic axial load factor
Y_0	3,58	Static axial load factor