

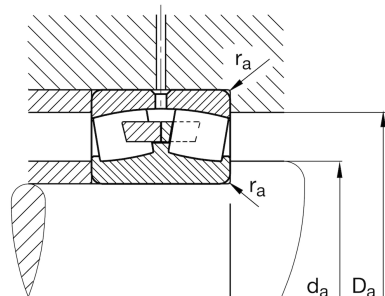
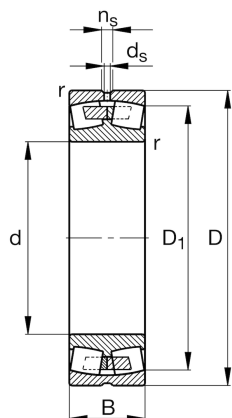
FAG

23980-B-MB

Spherical roller bearing

Schaeffler ID:
0383811500000Spherical roller bearing 239..-B-MB,
symmetric 3 ribs

Technical information

**Main Dimensions & Performance Data**

d	400 mm	Bore diameter
D	540 mm	Outside diameter
B	106 mm	Width
C_r	1.830.000 N	Basic dynamic load rating, radial
C_{0r}	4.150.000 N	Basic static load rating, radial
C_{ur}	280.000 N	Fatigue load limit, radial
n_G	1.290 1/min	Limiting speed
n_{gr}	710 1/min	Reference speed
	71,66 kg	Weight

Additional information

r_{min}	4 mm	Minimum chamfer dimension
d_s	9,5 mm	Diameter lubrication hole
n_s	17,7 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	414,6 mm	Minimum diameter shaft shoulder
$D_{a max}$	525,4 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius

Calculation factors

e	0,18	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,71	Dynamic axial load factor
Y_2	5,52	Dynamic axial load factor
Y_0	3,63	Static axial load factor

Temperature range

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