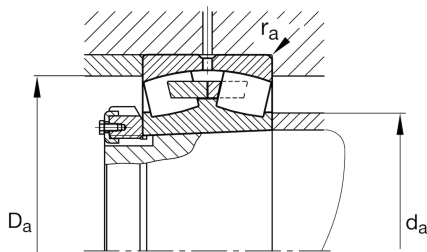
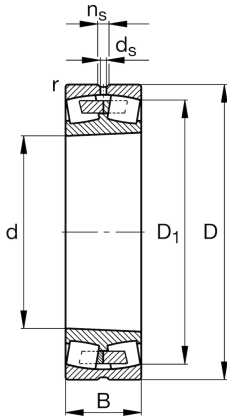
**FAG****23948-K-MB**

Spherical roller bearing

Schaeffler ID:
0190419260000Spherical roller bearing 239..-K-MB,
symmetric 3 ribs

Technical information

**Temperature range**

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.
	12,97 kg	Weight

Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	320 mm	Outside diameter
B	60 mm	Width
C_r	640.000 N	Basic dynamic load rating, radial
C_{0r}	1.370.000 N	Basic static load rating, radial
C_{ur}	96.000 N	Fatigue load limit, radial
n_G	2.440 1/min	Limiting speed
n_{gr}	1.310 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	297,8 mm	Bore diameter outer ring
d_s	6,3 mm	Diameter lubrication hole
n_s	12,2 mm	Width of lubricating groove

Mounting dimensions

$d_{a \min}$	250,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	309,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$d_{a \max}$	261 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	250 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	11 mm	Minimum cavity width of the sleeve

Additional information

e	0,17	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H3948	Adapter sleeve
Y ₁	4,05	Dynamic axial load factor
	AH3948	Withdrawal sleeve
Y ₂	6,04	Dynamic axial load factor
Y ₀	3,96	Static axial load factor