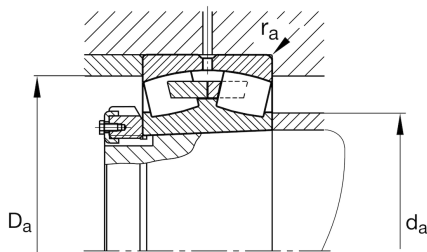
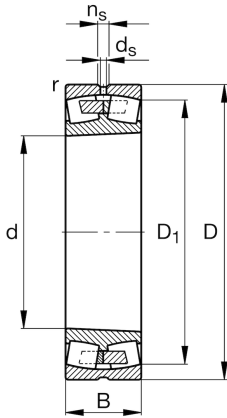
**FAG****23952-K-MB**

Spherical roller bearing

Schaeffler ID:
0190420350000Spherical 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.
	22,725 kg	Weight

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	360 mm	Outside diameter
B	75 mm	Width
C_r	940.000 N	Basic dynamic load rating, radial
C_{0r}	1.940.000 N	Basic static load rating, radial
C_{ur}	111.000 N	Fatigue load limit, radial
n_G	2.100 1/min	Limiting speed
n_{gr}	1.190 1/min	Reference speed

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	330,5 mm	Bore diameter outer ring
d_s	8 mm	Diameter lubrication hole
n_s	15 mm	Width of lubricating groove

Mounting dimensions

$d_{a \min}$	270,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	349,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$d_{a \max}$	285 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	270 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	11 mm	Minimum cavity width of the sleeve

Additional information

e	0,19	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H3952	Adapter sleeve
Y ₁	3,54	Dynamic axial load factor
	AH3952G	Withdrawal sleeve
Y ₂	5,27	Dynamic axial load factor
Y ₀	3,46	Static axial load factor