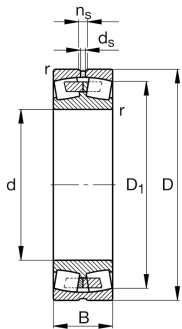


**FAG****23956-MB-C3**

Spherical Roller Bearing

Spherical roller bearing 239..-MB, symmetric
3 ribs

Technical information



Your current product variant

Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication facility	Standard	

Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	380 mm	Outside diameter
B	75 mm	Width
C_r	970.000 N	Basic dynamic load rating, radial
C_{0r}	2.040.000 N	Basic static load rating, radial
C_{ur}	133.000 N	Fatigue load limit, radial
n_G	2.000 1/min	Limiting speed
n_{gr}	1.100 1/min	Reference speed
m	24,74 kg	Weight

Mounting dimensions

$d_{a \min}$	290,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	369,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius





Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	350 mm	Bore diameter outer ring
d_s	8 mm	Diameter lubrication hole
n_s	15 mm	Width of lubricating groove










Temperature range

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

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	3,76	Dynamic axial load factor
Y_2	5,59	Dynamic axial load factor
Y_0	3,67	Static axial load factor

Characteristics

-  F_r Radial load
-  F_a Axial load in one direction
-  F_a Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment