

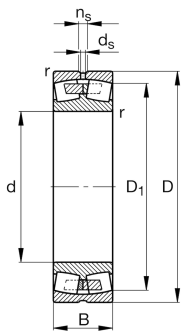
FAG

23972-MB-C3

Spherical Roller Bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

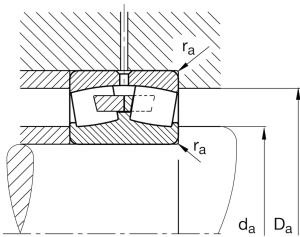
Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	480 mm	Outside diameter
B	90 mm	Width
C _r	1.440.000 N	Basic dynamic load rating, radial
C _{0r}	3.200.000 N	Basic static load rating, radial
C _{ur}	216.000 N	Fatigue load limit, radial
n _G	1.540 1/min	Limiting speed
n _{gr}	800 1/min	Reference speed
≈m	45,215 kg	Masa

Mounting dimensions

d _{a min}	372,4 mm	Minimum diameter shaft shoulder
D _{a max}	467,6 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius





Dimensions

r_{min}	3 mm	Minimum chamfer dimension
D_1	447,1 mm	Bore diameter outer ring
d_s	9,5 mm	Diameter lubrication hole
n_s	17,7 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,17	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	4,05	Dynamic axial load factor
Y_2	6,04	Dynamic axial load factor
Y_0	3,96	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe
	Nieosiowość statyczna
	Nieosiowość dynamiczna