



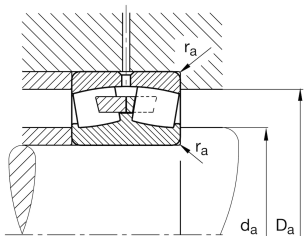
FAG

23852-B-MB-C3

Spherical Roller Bearing

Spherical roller bearing 238...-B-MB,
symmetric 3 ribs

Informacje techniczne



Twoja aktualna wersja produktu

Design	B	With fixed central rib
Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication	Standard	

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	320 mm	Outside diameter
B	45 mm	Width
C _r	415.000 N	Basic dynamic load rating, radial
C _{0r}	1.010.000 N	Basic static load rating, radial
C _{ur}	68.000 N	Fatigue load limit, radial
n _G	2.550 1/min	Limiting speed
n _{gr}	1.180 1/min	Reference speed
≈m	8,28 kg	Masa

Mounting dimensions

d _{a min}	268,8 mm	Minimum diameter shaft shoulder
D _{a max}	311,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	303,2 mm	Bore diameter outer ring
d_s	3,2 mm	Diameter lubrication hole
n_s	6,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,12	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	5,72	Dynamic axial load factor
Y_2	8,51	Dynamic axial load factor
Y_0	5,59	Static axial load factor

Właściwości

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