



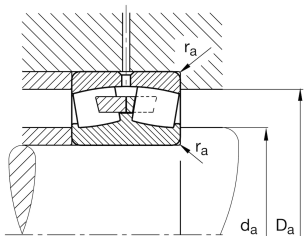
FAG

23996-B-MB-C3

Spherical Roller Bearing

Spherical roller bearing 239...-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	480 mm	Bore diameter
D	650 mm	Outside diameter
B	128 mm	Width
C _r	2.550.000 N	Basic dynamic load rating, radial
C _{0r}	6.000.000 N	Basic static load rating, radial
C _{ur}	470.000 N	Fatigue load limit, radial
n _G	1.040 1/min	Limiting speed
n _{gr}	570 1/min	Reference speed

Mounting dimensions

d _{a min}	498 mm	Minimum diameter shaft shoulder
D _{a max}	632 mm	Maximum diameter of housing shoulder
r _{a max}	4 mm	Maximum recess radius



Dimensions

r_{min}	5 mm	Minimum chamfer dimension
D_1	598,8 mm	Bore diameter outer ring
d_s	12,5 mm	Diameter lubrication hole
n_s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,18	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

Właściwości

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