

FAG

24864-B-MB-H40-C3

Spherical Roller Bearing

Spherical roller bearing 248...-B-MB-H40, symmetric 3 ribs

Informacje techniczne



Twoja aktualna wersja produktu

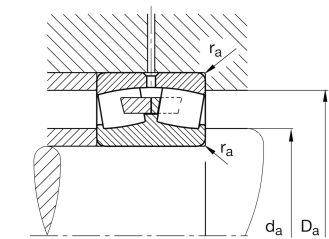
Design	B	With fixed central rib
Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	400 mm	Outside diameter
B	80 mm	Width
C _r	960.000 N	Basic dynamic load rating, radial
C _{0r}	2.450.000 N	Basic static load rating, radial
C _{ur}	143.000 N	Fatigue load limit, radial
n _G	1.550 1/min	Limiting speed
n _{gr}	540 1/min	Reference speed
m	23,6 kg	Masa

Mounting dimensions

d _{a min}	330 mm	Minimum diameter shaft shoulder
D _{a max}	390 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	375,5 mm	Bore diameter outer ring

Temperature range

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

Calculation factors

e	0,18	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,8	Dynamic axial load factor
Y ₂	5,66	Dynamic axial load factor
Y ₀	3,72	Static axial load factor

Właściwości

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