

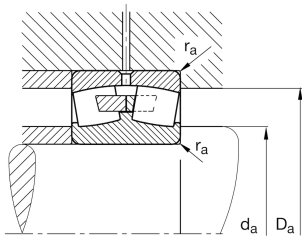
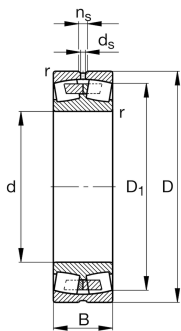
FAG

238/670-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 feature	Standard	

Main Dimensions & Performance Data

d	670 mm	Bore diameter
D	820 mm	Outside diameter
B	112 mm	Width
C _r	2.380.000 N	Basic dynamic load rating, radial
C _{0r}	6.900.000 N	Basic static load rating, radial
C _{ur}	460.000 N	Fatigue load limit, radial
n _G	810 1/min	Limiting speed
n _{gr}	380 1/min	Reference speed
m	129 kg	Masa

Mounting dimensions

d _{a min}	684,6 mm	Minimum diameter shaft shoulder
D _{a max}	805,4 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius



Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	777,2 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	0,12	Limiting value of Fa/Fr 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
	Łożysko gabarytowe
	Nieosiowość statyczna
	Nieosiowość dynamiczna