



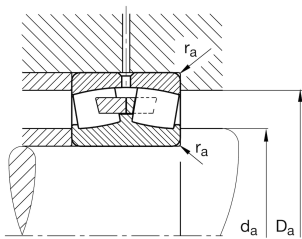
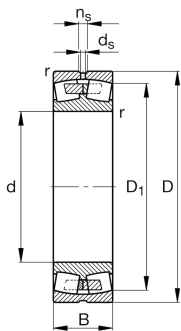
FAG

23936-S-MB

Spherical Roller Bearing

Spherical roller bearings 239, main dimensions to DIN 635-2

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication feature	S	With 3 lubricating holes and groove

Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	250 mm	Outside diameter
B	52 mm	Width
C _r	445.000 N	Basic dynamic load rating, radial
C _{0r}	840.000 N	Basic static load rating, radial
C _{ur}	59.000 N	Fatigue load limit, radial
n _G	3.200 1/min	Limiting speed
n _{gr}	1.850 1/min	Reference speed

Mounting dimensions

d _{a min}	188,8 mm	Minimum diameter shaft shoulder
D _{a max}	241,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	230,9 mm	Bore diameter outer ring
d _s	4,8 mm	Diameter lubrication hole
n _s	9,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,2	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,42	Dynamic axial load factor
Y ₂	5,09	Dynamic axial load factor
Y ₀	3,34	Static axial load factor

Właściwości

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