

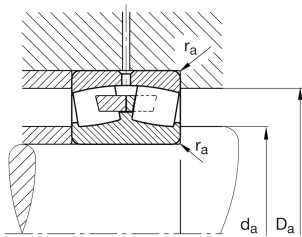
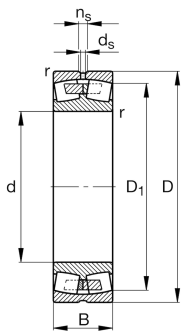
FAG

23940-S-MB-C4

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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	S	With 3 lubricating holes and groove

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	280 mm	Outside diameter
B	60 mm	Width
C _r	550.000 N	Basic dynamic load rating, radial
C _{0r}	1.070.000 N	Basic static load rating, radial
C _{ur}	73.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	1.650 1/min	Reference speed
m	11,365 kg	Masa

Mounting dimensions

d _{a min}	210,2 mm	Minimum diameter shaft shoulder
D _{a max}	269,8 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	256,9 mm	Bore diameter outer ring
d _s	6,3 mm	Diameter lubrication hole
n _s	12,2 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