

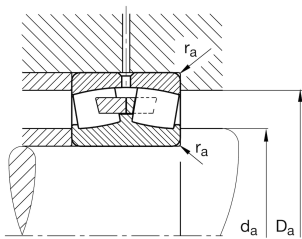
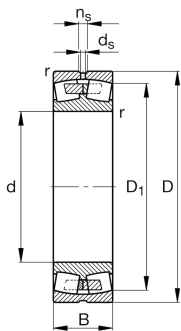


FAG

23944-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	220 mm	Bore diameter
D	300 mm	Outside diameter
B	60 mm	Width
C _r	610.000 N	Basic dynamic load rating, radial
C _{0r}	1.240.000 N	Basic static load rating, radial
C _{ur}	74.000 N	Fatigue load limit, radial
n _G	2.600 1/min	Limiting speed
n _{gr}	1.460 1/min	Reference speed
≈m	12,42 kg	Masa

Mounting dimensions

d _{a min}	230,2 mm	Minimum diameter shaft shoulder
D _{a max}	289,8 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	277,4 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	0,18	Limiting value of Fa/Fr 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
	Nieosiowość statyczna
	Nieosiowość dynamiczna