



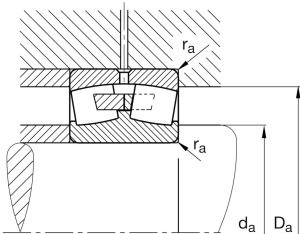
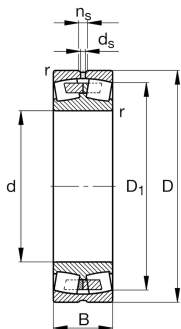
FAG

23944-S-MB-C5

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	C5 (Group 5)	Internal clearance larger than C4
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 12,39 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 F_a/F_r 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