



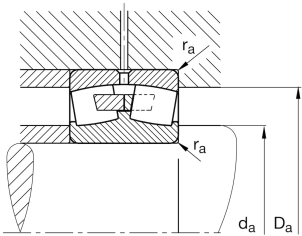
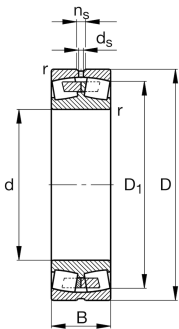
FAG

24188-B

Spherical Roller Bearing

Spherical roller bearing 241...-B, symmetric 1 central rib

Informacje techniczne



Twoja aktualna wersja produktu

Design	B	With fixed central rib
Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	Standard	

Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	720 mm	Outside diameter
B	280 mm	Width
C _r	6.400.000 N	Basic dynamic load rating, radial
C _{0r}	13.200.000 N	Basic static load rating, radial
C _{ur}	1.020.000 N	Fatigue load limit, radial
n _G	710 1/min	Limiting speed
n _{gr}	255 1/min	Reference speed
≈m	441,5 kg	Masa

Mounting dimensions

d _{a min}	466 mm	Minimum diameter shaft shoulder
D _{a max}	694 mm	Maximum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius



Dimensions

r _{min}	6 mm	Minimum chamfer dimension
D ₁	612,4 mm	Bore diameter outer ring
d _s	12,5 mm	Diameter lubrication hole
n _s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,38	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,76	Dynamic axial load factor
Y ₂	2,62	Dynamic axial load factor
Y ₀	1,72	Static axial load factor

Właściwości

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