

FAG

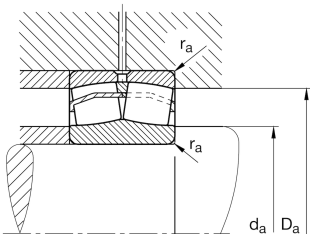
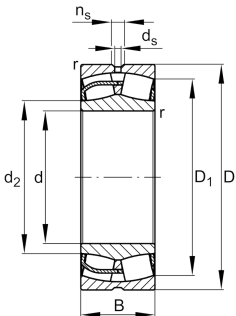
23148-BE-XL-H151B

Spherical Roller Bearing

Spherical roller bearing 231...-BE-XL,
symmetric with rib washer

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BE	With lose center lip ring
Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	
Locating feature, bearing outer ring	H151B	2 Locking features, bearing outer ring

Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	400 mm	Outside diameter
B	128 mm	Width
C _r	2.130.000 N	Basic dynamic load rating, radial
C _{0r}	3.150.000 N	Basic static load rating, radial
C _{ur}	255.000 N	Fatigue load limit, radial
n _G	1.700 1/min	Limiting speed
n _{gr}	970 1/min	Reference speed
≈m	63,6 kg	Masa



Mounting dimensions

d _{a min}	257 mm	Minimum diameter shaft shoulder
D _{a max}	383 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	349,9 mm	Bore diameter outer ring
d ₂	275,9 mm	Raceway diameter of the inner ring
d _s	9,5 mm	Diameter lubrication hole
n _s	17,7 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,31	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,18	Dynamic axial load factor
Y ₂	3,24	Dynamic axial load factor
Y ₀	2,13	Static axial load factor



Właściwości

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