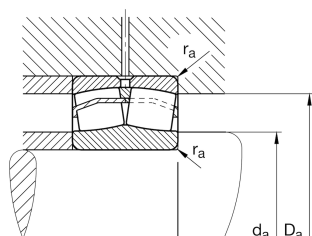
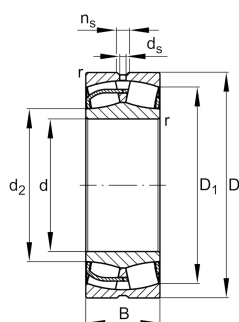


**FAG****24020-BE-XL-C4**

Spherical Roller Bearing

Spherical roller bearing 240...-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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
B	50 mm	Width
C _r	320.000 N	Basic dynamic load rating, radial
C _{0r}	480.000 N	Basic static load rating, radial
C _{ur}	63.000 N	Fatigue load limit, radial
n _G	4.100 1/min	Limiting speed
n _{gr}	2.750 1/min	Reference speed
≈m	3,046 kg	Masa

Mounting dimensions

d _{a min}	107 mm	Minimum diameter shaft shoulder
D _{a max}	143 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius



Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	131,6 mm	Bore diameter outer ring
d _s	3,2 mm	Diameter lubrication hole
n _s	6,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,29	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,33	Dynamic axial load factor
Y ₂	3,47	Dynamic axial load factor
Y ₀	2,28	Static axial load factor

Właściwości

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