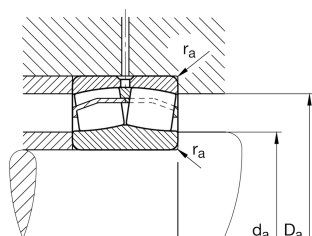
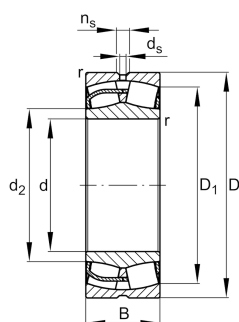


**FAG****24026-BE-XL-C4**

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	130 mm	Bore diameter
D	200 mm	Outside diameter
B	69 mm	Width
C _r	570.000 N	Basic dynamic load rating, radial
C _{0r}	860.000 N	Basic static load rating, radial
C _{ur}	103.000 N	Fatigue load limit, radial
n _G	3.100 1/min	Limiting speed
n _{gr}	2.130 1/min	Reference speed
≈m	7,769 kg	Masa

Mounting dimensions

d _{a min}	138,8 mm	Minimum diameter shaft shoulder
D _{a max}	191,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	176,1 mm	Bore diameter outer ring
d ₂	146,2 mm	Raceway diameter of the inner 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	0,31	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,21	Dynamic axial load factor
Y ₂	3,29	Dynamic axial load factor
Y ₀	2,16	Static axial load factor

Właściwości

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