

FAG

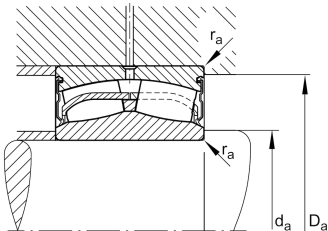
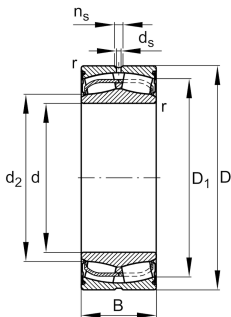
24026-BE-XL-2VSR-C4

Spherical Roller Bearing

Sealed spherical roller bearings 240...-BE-2VSR, lip seals on both sides, for continuous casting machines

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	
Type of Seal	2VSR	Seals on both sides, high temperature

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	780 1/min	Limiting speed
≈m	7,8 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	187,2 mm	Bore diameter outer ring
d ₂	142,1 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}	180 °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 dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna