

FAG

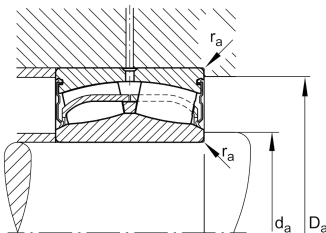
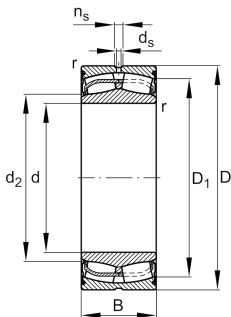
24034-BE-XL-2VSR

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	CN (Group N)	Normal internal clearance
Relubrication	Standard	
Sealing	2VSR	Seals on both sides, high temperature

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	260 mm	Outside diameter
B	90 mm	Width
C _r	940.000 N	Basic dynamic load rating, radial
C _{0r}	1.480.000 N	Basic static load rating, radial
C _{ur}	162.000 N	Fatigue load limit, radial
n _G	600 1/min	Limiting speed
≈m	16,9 kg	Masa



Mounting dimensions

d _{a min}	180,2 mm	Minimum diameter shaft shoulder
D _{a max}	249,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	243,3 mm	Bore diameter outer ring
d ₂	184,8 mm	Raceway diameter of the inner ring
d _s	4,8 mm	Diameter lubrication hole
n _s	9,5 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	2,2	Dynamic axial load factor
Y ₂	3,27	Dynamic axial load factor
Y ₀	2,15	Static axial load factor



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna