

FAG

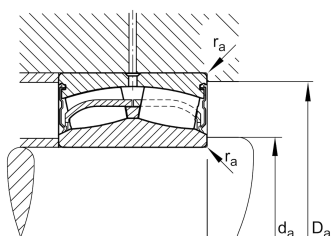
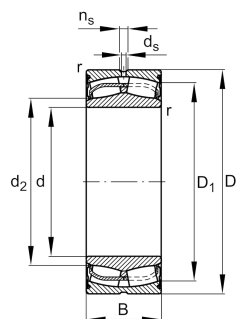
24130-BE-XL-2VSR

Spherical Roller Bearing

Sealed spherical roller bearings 241...-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 feature	Standard	
Type of Seal	2VSR	Seals on both sides, high temperature

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	250 mm	Outside diameter
B	100 mm	Width
C _r	1.050.000 N	Basic dynamic load rating, radial
C _{0r}	1.520.000 N	Basic static load rating, radial
C _{ur}	153.000 N	Fatigue load limit, radial
n _G	590 1/min	Limiting speed
≈m	20 kg	Masa



Mounting dimensions

$d_{a\ min}$	162 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	238 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	228,9 mm	Bore diameter outer ring
d_2	163,1 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	0,37	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,83	Dynamic axial load factor
Y_2	2,72	Dynamic axial load factor
Y_0	1,79	Static axial load factor



Właściwości

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