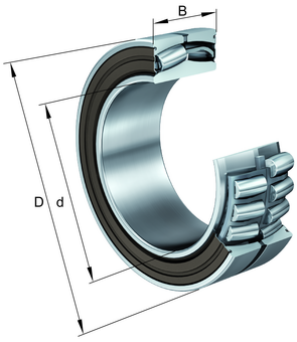


FAG

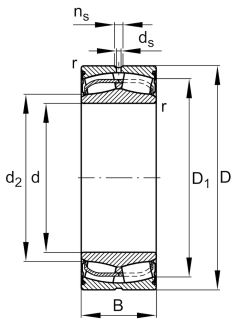
X-life

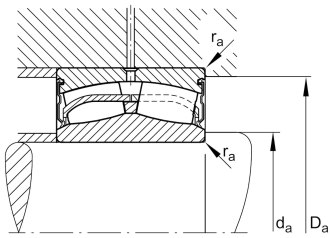
24130-BE-XL-2VSR

Spherical Roller Bearing

Sealed spherical roller bearings 241..-BE-2VSR, lip seals on both sides, for continuous casting machines

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	
Sealing	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 Fa/Fr 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