

FAG

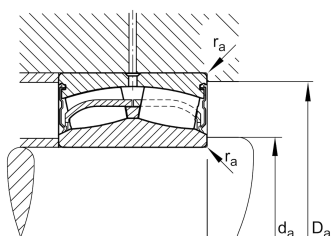
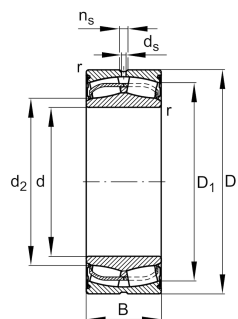
24126-BE-XL-2VSR-C4

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	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	210 mm	Outside diameter
B	80 mm	Width
C _r	710.000 N	Basic dynamic load rating, radial
C _{0r}	1.050.000 N	Basic static load rating, radial
C _{ur}	112.000 N	Fatigue load limit, radial
n _G	700 1/min	Limiting speed
≈m	10,59 kg	Masa



Mounting dimensions

$d_{a\ min}$	141 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	199 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2 mm	Maximum recess radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
D_1	196,1 mm	Bore diameter outer ring
d_2	143,1 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	0,34	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,98	Dynamic axial load factor
Y_2	2,94	Dynamic axial load factor
Y_0	1,93	Static axial load factor



Właściwości

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