

FAG

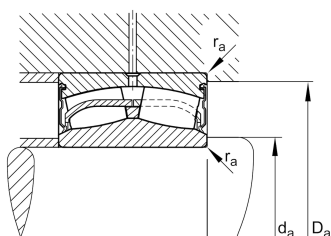
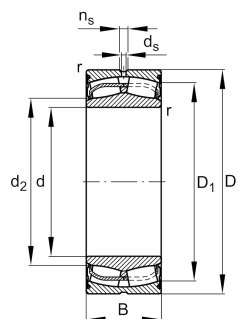
X-life

24122-BE-XL-2VSR-C4 [🔗](#)

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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	
Sealing	2VSR	Seals on both sides, high temperature

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	180 mm	Outside diameter
B	69 mm	Width
C _r	530.000 N	Basic dynamic load rating, radial
C _{0r}	750.000 N	Basic static load rating, radial
C _{ur}	86.000 N	Fatigue load limit, radial
n _G	830 1/min	Limiting speed
≈m	6,755 kg	Masa



Mounting dimensions

d _{a min}	121 mm	Minimum diameter shaft shoulder
D _{a max}	169 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	167,1 mm	Bore diameter outer ring
d ₂	120,8 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 Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,96	Dynamic axial load factor
Y ₂	2,92	Dynamic axial load factor
Y ₀	1,92	Static axial load factor



Właściwości

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