

FAG

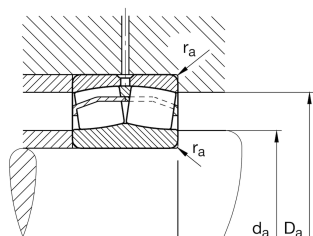
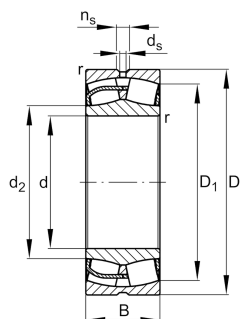
24126-BE-XL

Spherical Roller Bearing

Spherical roller bearing 241...-BE-XL,
symmetric with rib washer

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	

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	2.800 1/min	Limiting speed
n _{gr}	1.560 1/min	Reference speed
≈m	10,576 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	181,2 mm	Bore diameter outer ring
d ₂	148,3 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}	200 °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	1,98	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 smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna