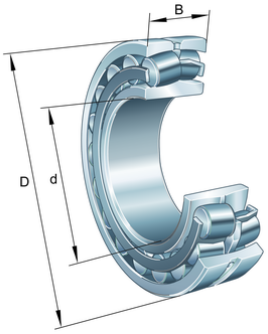


FAG

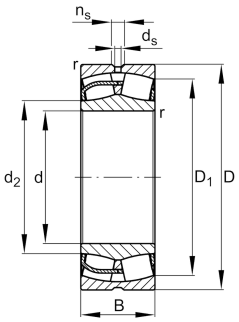
24122-BE-XL-H40

Spherical Roller Bearing

Spherical roller bearing 241..-BE-XL-H40,
symmetric with rib washer

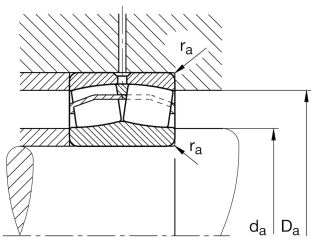
X-life

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	H40	Without lubricating groove and holes



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	3.350 1/min	Limiting speed
$n_{\vartheta r}$	1.960 1/min	Reference speed
≈m	6,747 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	154,9 mm	Bore diameter outer ring
d_2	125,6 mm	Raceway diameter of the inner ring

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	1,96	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 smarem
- Smarowanie olejem
- Bez uszczelnienia
- Nieosiowość statyczna
- Nieosiowość dynamiczna