





FAG

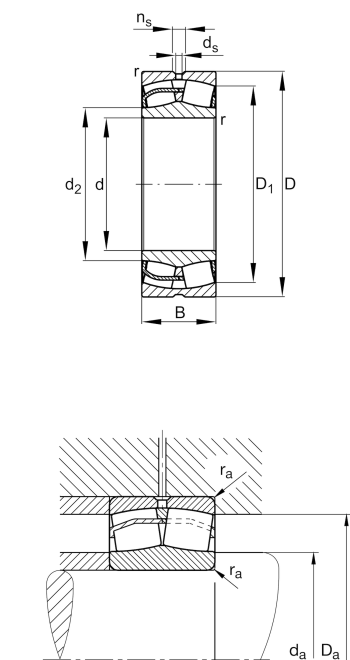
24122-BE-XL-H40 

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 _{gr}	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 F_a/F_r 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