



FAG

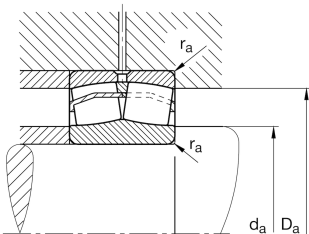
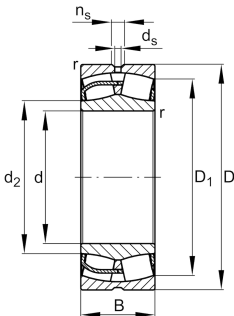
24172-BE-XL-H40

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	360 mm	Bore diameter
D	600 mm	Outside diameter
B	243 mm	Width
C _r	5.600.000 N	Basic dynamic load rating, radial
C _{0r}	9.100.000 N	Basic static load rating, radial
C _{ur}	680.000 N	Fatigue load limit, radial
n _G	890 1/min	Limiting speed
n _{gr}	350 1/min	Reference speed
≈m	269 kg	Masa



Mounting dimensions

$d_{a\ min}$	380 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	580 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	505,9 mm	Bore diameter outer ring
d_2	399,4 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	0,4	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,69	Dynamic axial load factor
Y_2	2,52	Dynamic axial load factor
Y_0	1,65	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Nieosiowość statyczna
	Nieosiowość dynamiczna