





FAG

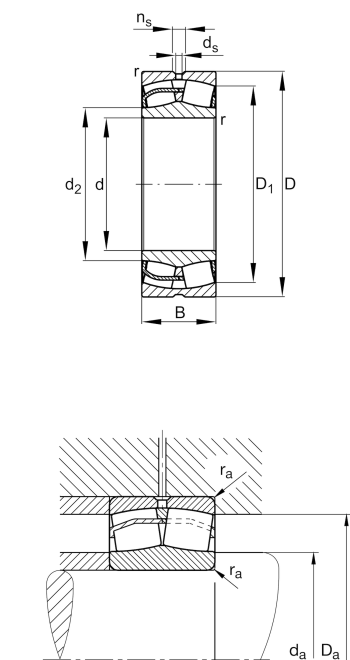
23052-BE-XL-H40-J30PC

Spherical Roller Bearing

Spherical roller bearing 230...-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
Relubrication feature	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	400 mm	Outside diameter
B	104 mm	Width
C _r	1.670.000 N	Basic dynamic load rating, radial
C _{0r}	2.600.000 N	Basic static load rating, radial
C _{ur}	239.000 N	Fatigue load limit, radial
n _G	1.850 1/min	Limiting speed
n _{gr}	1.170 1/min	Reference speed
≈m	45,275 kg	Masa

Mounting dimensions

d _{a min}	274,6 mm	Minimum diameter shaft shoulder
D _{a max}	385,4 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius



Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
D_1	358,7 mm	Bore diameter outer ring
d_2	295,5 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	0,23	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,9	Dynamic axial load factor
Y_2	4,31	Dynamic axial load factor
Y_0	2,83	Static axial load factor

Właściwości

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