

FAG

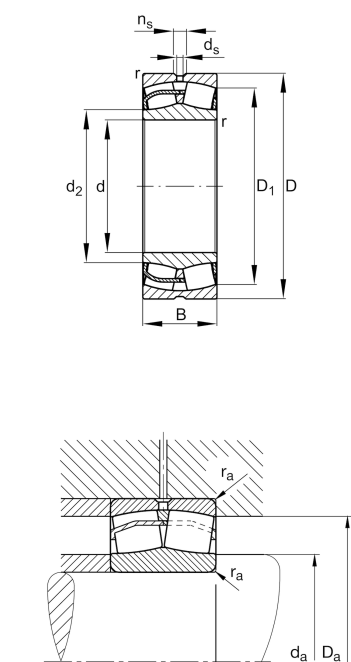
23156-BE-XL-H40 

Spherical Roller Bearing

Spherical roller bearing 231...-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	280 mm	Bore diameter
D	460 mm	Outside diameter
B	146 mm	Width
C _r	2.750.000 N	Basic dynamic load rating, radial
C _{0r}	4.200.000 N	Basic static load rating, radial
C _{ur}	325.000 N	Fatigue load limit, radial
n _G	1.420 1/min	Limiting speed
n _{gr}	790 1/min	Reference speed
≈m	94,05 kg	Masa



Mounting dimensions

$d_{a\ min}$	300 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	440 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum recess radius

Dimensions

$r_{\ min}$	5 mm	Minimum chamfer dimension
D_1	403,4 mm	Bore diameter outer ring
d_2	321,4 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	0,31	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,21	Dynamic axial load factor
Y_2	3,29	Dynamic axial load factor
Y_0	2,16	Static axial load factor

Właściwości

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