



FAG

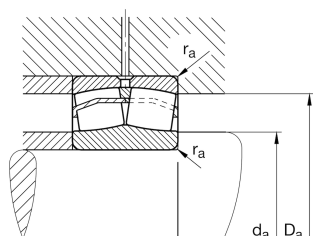
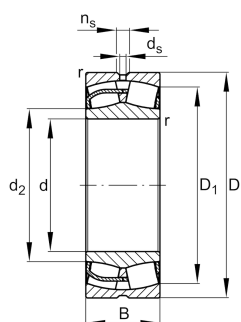
23152-BE-XL-C4

Spherical Roller Bearing

Spherical roller bearing 231...-BE-XL,
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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	440 mm	Outside diameter
B	144 mm	Width
C _r	2.600.000 N	Basic dynamic load rating, radial
C _{0r}	3.900.000 N	Basic static load rating, radial
C _{ur}	310.000 N	Fatigue load limit, radial
n _G	1.500 1/min	Limiting speed
n _{gr}	860 1/min	Reference speed
≈m	87,52 kg	Masa

Mounting dimensions

d _{a min}	277 mm	Minimum diameter shaft shoulder
D _{a max}	423 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius



Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	382,7 mm	Bore diameter outer ring
d ₂	301,7 mm	Raceway diameter of the inner ring
d _s	9,5 mm	Diameter lubrication hole
n _s	17,7 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

e	0,32	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,12	Dynamic axial load factor
Y ₂	3,15	Dynamic axial load factor
Y ₀	2,07	Static axial load factor

Właściwości

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