



FAG

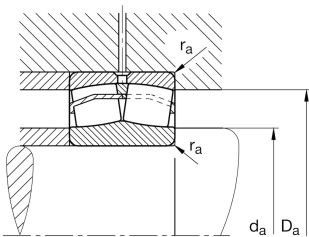
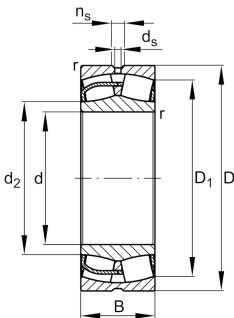
22344-BE-XL-C3

Spherical Roller Bearing

Spherical roller bearings 223...-E1, main dimensions to DIN 635-2

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	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	460 mm	Outside diameter
B	145 mm	Width
C _r	2.800.000 N	Basic dynamic load rating, radial
C _{0r}	3.400.000 N	Basic static load rating, radial
C _{ur}	270.000 N	Fatigue load limit, radial
n _G	1.690 1/min	Limiting speed
n _{gr}	950 1/min	Reference speed
≈m	112,975 kg	Masa

Mounting dimensions

d _{a min}	240 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	391,1 mm	Bore diameter outer ring
d ₂	273,4 mm	Raceway diameter of the inner ring
d _s	12,5 mm	Diameter lubrication hole
n _s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,06	Dynamic axial load factor
Y ₂	3,06	Dynamic axial load factor
Y ₀	2,01	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