



FAG

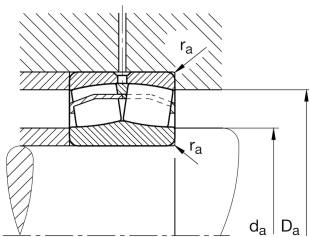
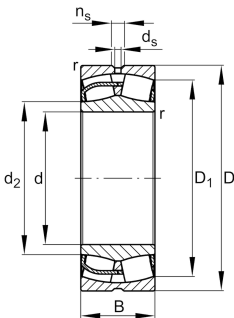
22332-BE-XL-C4

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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	340 mm	Outside diameter
B	114 mm	Width
C _r	1.680.000 N	Basic dynamic load rating, radial
C _{0r}	1.990.000 N	Basic static load rating, radial
C _{ur}	162.000 N	Fatigue load limit, radial
n _G	2.250 1/min	Limiting speed
n _{gr}	1.420 1/min	Reference speed
≈m	48,24 kg	Masa

Mounting dimensions

d _{a min}	177 mm	Minimum diameter shaft shoulder
D _{a max}	323 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius



Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	286,7 mm	Bore diameter outer ring
d ₂	201,2 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	0,35	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,94	Dynamic axial load factor
Y ₂	2,88	Dynamic axial load factor
Y ₀	1,89	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