



FAG

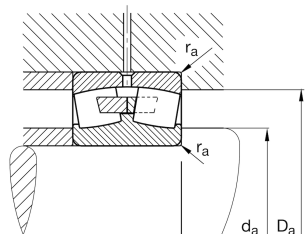
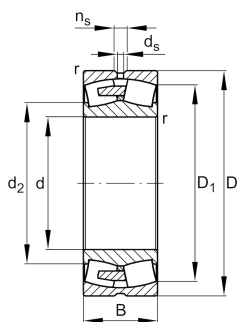
22352-BEA-XL-MB1-C3

Spherical Roller Bearing

Spherical roller bearing 223...-BEA-XL-MB1,
symmetric 2 outer ribs with rib washer

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BEA	With lose center lip ring
Bore type	Z	Cylindrical
Cage	MB1	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication	Standard	

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	540 mm	Outside diameter
B	165 mm	Width
C _r	3.650.000 N	Basic dynamic load rating, radial
C _{0r}	4.650.000 N	Basic static load rating, radial
C _{ur}	360.000 N	Fatigue load limit, radial
n _G	1.390 1/min	Limiting speed
n _{gr}	740 1/min	Reference speed
≈m	180,54 kg	Masa

Mounting dimensions

d _{a min}	286 mm	Minimum diameter shaft shoulder
D _{a max}	514 mm	
r _{a max}	5 mm	Maximum recess radius



Dimensions

r_{min}	6 mm	Minimum chamfer dimension
D_1	460,6 mm	Bore diameter outer 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	0,31	
Y_1	2,15	Dynamic axial load factor
Y_2	3,2	Dynamic axial load factor
Y_0	2,1	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