



FAG

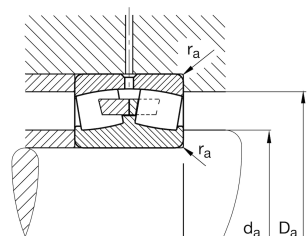
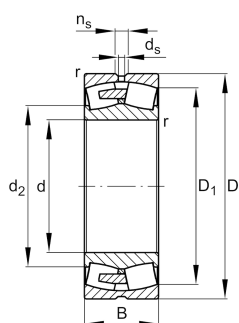
23064-BEA-XL-MB1-C3

Spherical Roller Bearing

Spherical roller bearing 230...-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 feature	Standard	

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	480 mm	Outside diameter
B	121 mm	Width
C _r	2.300.000 N	Basic dynamic load rating, radial
C _{0r}	3.750.000 N	Basic static load rating, radial
C _{ur}	330.000 N	Fatigue load limit, radial
n _G	1.480 1/min	Limiting speed
n _{gr}	920 1/min	Reference speed
≈m	75,595 kg	Masa

Mounting dimensions

d _{a min}	334,6 mm	Minimum diameter shaft shoulder
D _{a max}	465,4 mm	
r _{a max}	3 mm	Maximum recess radius



Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
D_1	433 mm	Bore diameter outer 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	0,22	
Y_1	3,01	Dynamic axial load factor
Y_2	4,48	Dynamic axial load factor
Y_0	2,94	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