



FAG

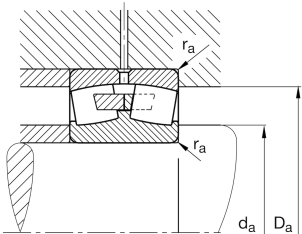
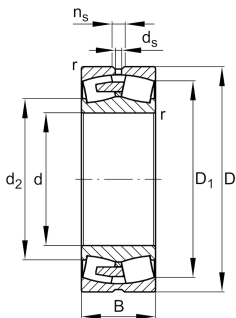
22380-BEA-XL-MB1

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	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	
Locating feature, bearing outer ring	Without	
Handling thread holes	Without	
Special material	Standard	

Main Dimensions & Performance Data

d	400 mm	Bore diameter
D	820 mm	Outside diameter
B	243 mm	Width
C _r	7.800.000 N	Basic dynamic load rating, radial
C _{0r}	10.500.000 N	Basic static load rating, radial
C _{ur}	730.000 N	Fatigue load limit, radial
n _G	850 1/min	Limiting speed
n _{gr}	410 1/min	Reference speed
≈m	613 kg	Masa



Mounting dimensions

$d_{a\ min}$	432 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	788 mm	
$r_{a\ max}$	6 mm	Maximum recess radius

Dimensions

$r_{\min}$	7,5 mm	Minimum chamfer dimension
D_1	701,3 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	2,21	Dynamic axial load factor
Y_2	3,29	Dynamic axial load factor
Y_0	2,16	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