

FAG

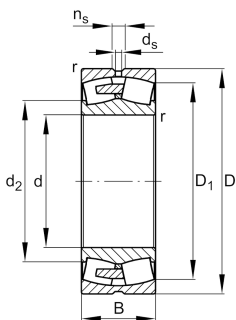
22264-BEA-XL-MB1-H151B-C3

Spherical Roller Bearing

Spherical roller bearing 222...-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	
Locating feature, bearing outer ring	H151B	2 Locking features, bearing outer ring

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	580 mm	Outside diameter
B	150 mm	Width
C _r	3.550.000 N	Basic dynamic load rating, radial
C _{0r}	4.700.000 N	Basic static load rating, radial
C _{ur}	405.000 N	Fatigue load limit, radial
n _G	1.410 1/min	Limiting speed
n _{gr}	850 1/min	Reference speed

≈m	170,5 kg	Masa
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Mounting dimensions

$d_{a \min}$	340 mm	Minimum diameter shaft shoulder
$D_{a \max}$	560 mm	
$r_{a \max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	505,1 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	0,25	
Y_1	2,71	Dynamic axial load factor
Y_2	4,04	Dynamic axial load factor
Y_0	2,65	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