



FAG

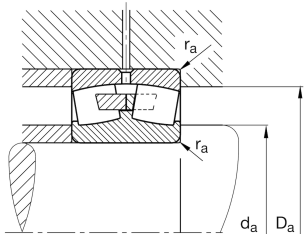
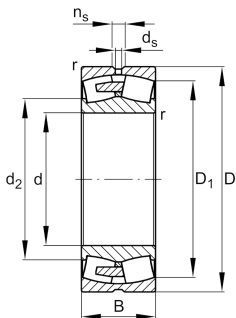
23080-BEA-XL-MB1-H40AB

Spherical Roller Bearing

Spherical roller bearing 230...-BEA-XL-MB1-H40AB, 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	H40AB	6 lubricating holes at the inner ring

Main Dimensions & Performance Data

d	400 mm	Bore diameter
D	600 mm	Outside diameter
B	148 mm	Width
C _r	3.400.000 N	Basic dynamic load rating, radial
C _{0r}	5.700.000 N	Basic static load rating, radial
C _{ur}	480.000 N	Fatigue load limit, radial
n _G	1.150 1/min	Limiting speed
n _{gr}	690 1/min	Reference speed
≈m	145,5 kg	Masa

Mounting dimensions

d _{a min}	418 mm	Minimum diameter shaft shoulder
D _{a max}	582 mm	
r _{a max}	4 mm	Maximum recess radius



Dimensions

r_{min}	5 mm	Minimum chamfer dimension
D_1	541,9 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	0,22	
Y_1	3,07	Dynamic axial load factor
Y_2	4,57	Dynamic axial load factor
Y_0	3	Static axial load factor

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna