FAG

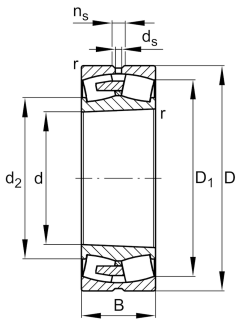
23288-BEA-XL-K-MB1

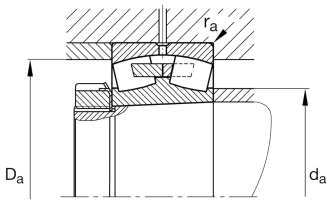
Spherical Roller Bearing

Spherical roller bearing 232..-BEA-XL-K-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	K	Tapered, taper 1:12
Cage	MB1	Solid brass cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	Standard	

Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	790 mm	Outside diameter
B	280 mm	Width
C_r	8.300.000 N	Basic dynamic load rating, radial
C_{0r}	13.200.000 N	Basic static load rating, radial
C_{ur}	880.000 N	Fatigue load limit, radial
n_G	730 1/min	Limiting speed
$n_{\vartheta r}$	320 1/min	Reference speed
≈m	578,5 kg	Masa

Mounting dimensions

$d_{a\ min}$	472 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	758 mm	
$r_{a\ max}$	6 mm	Maximum recess radius
$d_{a\ max}$	516 mm	
$d_{b\ min}$	469 mm	Minimum cavity diameter of the sleeve
$B_{a\ min}$	17 mm	Minimum cavity width of the sleeve

Dimensions

r_{min}	7,5 mm	Minimum chamfer dimension
D_1	670,7 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	0,35	
Y_1	1,91	Dynamic axial load factor
Y_2	2,85	Dynamic axial load factor
Y_0	1,87	Static axial load factor

Additional information

	H3288-HG	Adapter sleeve
	AHX3288G-H	Withdrawal sleeve

Właściwości

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