



FAG

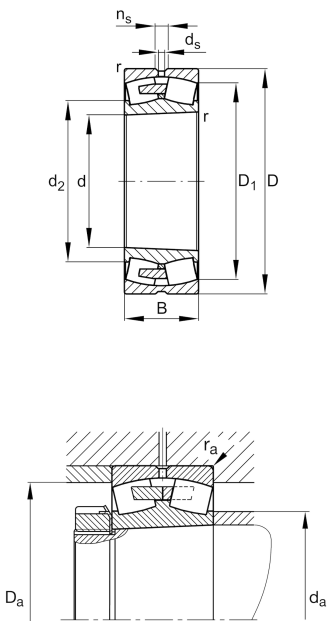
23064-BEA-XL-K-MB1-W209B-C4 [🔗](#)

Spherical Roller Bearing

Spherical roller bearing 230...-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	C4 (Group 4)	Internal clearance larger than C3
Relubrication	Standard	
Special material	W209B	Inner ring from case hardened steel

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	73,2 kg	Masa
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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
d _{a max}	357 mm	
d _{b min}	334 mm	Minimum cavity diameter of the sleeve
B _{a min}	13 mm	Minimum cavity width of the sleeve

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

Additional information

H3064-HG	Adapter sleeve
AH3064G-H	Withdrawal sleeve



Właściwości

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