



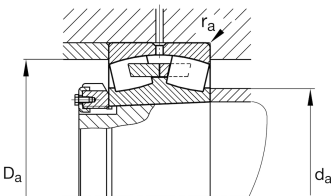
FAG

23988-K-MB [🔗](#)

Spherical Roller Bearing

Spherical roller bearing 239...-K-MB,
symmetric 3 ribs

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	K	Tapered, taper 1:12
Cage	MB	Solid brass cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	Standard	

Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	600 mm	Outside diameter
B	118 mm	Width
C _r	2.230.000 N	Basic dynamic load rating, radial
C _{0r}	5.200.000 N	Basic static load rating, radial
C _{ur}	305.000 N	Fatigue load limit, radial
n _G	1.130 1/min	Limiting speed
n _{gr}	620 1/min	Reference speed

≈m 96,64 kg Masa



Mounting dimensions

d _{a min}	454,6 mm	Minimum diameter shaft shoulder
D _{a max}	585,4 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
d _{a max}	482 mm	Maximum diameter of shaft shoulder
d _{b min}	454 mm	Minimum cavity diameter of the sleeve
B _{a min}	17 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	552,8 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	0,18	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,66	Dynamic axial load factor
Y ₂	5,46	Dynamic axial load factor
Y ₀	3,58	Static axial load factor

Additional information

H3988-HG	Adapter sleeve
AH3988-H	Withdrawal sleeve



Właściwości

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