



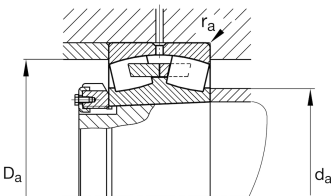
FAG

23948-K-MB-C4

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	C4 (Group 4)	Internal clearance larger than C3
Relubrication	Standard	

Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	320 mm	Outside diameter
B	60 mm	Width
C _r	640.000 N	Basic dynamic load rating, radial
C _{0r}	1.370.000 N	Basic static load rating, radial
C _{ur}	96.000 N	Fatigue load limit, radial
n _G	2.440 1/min	Limiting speed
n _{gr}	1.310 1/min	Reference speed

≈m 12.92 kg Masa



Mounting dimensions

d _{a min}	250,2 mm	Minimum diameter shaft shoulder
D _{a max}	309,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius
d _{a max}	261 mm	Maximum diameter of shaft shoulder
d _{b min}	250 mm	Minimum cavity diameter of the sleeve
B _{a min}	11 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	297,8 mm	Bore diameter outer ring
d _s	6,3 mm	Diameter lubrication hole
n _s	12,2 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

e	0,17	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	4,05	Dynamic axial load factor
Y ₂	6,04	Dynamic axial load factor
Y ₀	3,96	Static axial load factor

Additional information

H3948	Adapter sleeve
AH3948	Withdrawal sleeve



Właściwości

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