

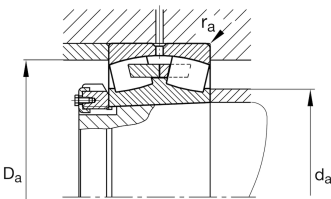
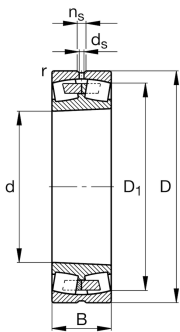
FAG

23972-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 feature	Standard	

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	480 mm	Outside diameter
B	90 mm	Width
C _r	1.440.000 N	Basic dynamic load rating, radial
C _{0r}	3.200.000 N	Basic static load rating, radial
C _{ur}	216.000 N	Fatigue load limit, radial
n _G	1.540 1/min	Limiting speed
n _{gr}	800 1/min	Reference speed
≈m	43,73 kg	Masa

Mounting dimensions

d _{a min}	372,4 mm	Minimum diameter shaft shoulder
D _{a max}	467,6 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius
d _{a max}	389 mm	Maximum diameter of shaft shoulder
d _{b min}	372 mm	Minimum cavity diameter of the sleeve
B _{a min}	14 mm	Minimum cavity width of the sleeve



Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	447,1 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	0,17	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

H3972-HG	Adapter sleeve
AH3972G-H	Withdrawal sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna