



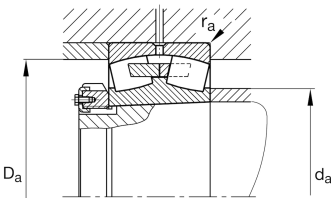
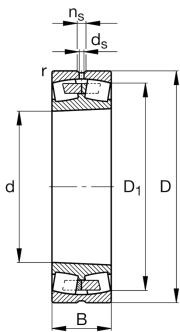
FAG

23972-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	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	43,8 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 F_a/F_r 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