



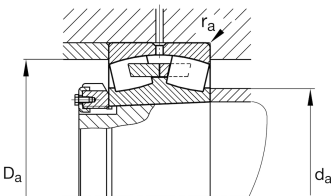
FAG

231/600-K-MB

Spherical Roller Bearing

Spherical roller bearing 231...-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	600 mm	Bore diameter
D	980 mm	Outside diameter
B	300 mm	Width
C _r	9.000.000 N	Basic dynamic load rating, radial
C _{0r}	19.200.000 N	Basic static load rating, radial
C _{ur}	840.000 N	Fatigue load limit, radial
n _G	560 1/min	Limiting speed
n _{gr}	270 1/min	Reference speed
≈m	895 kg	Masa



Mounting dimensions

d _{a min}	632 mm	Minimum diameter shaft shoulder
D _{a max}	948 mm	Maximum diameter of housing shoulder
r _{a max}	6 mm	Maximum recess radius
d _{a max}	693 mm	Maximum diameter of shaft shoulder
d _{b min}	629 mm	Minimum cavity diameter of the sleeve
B _{a min}	20 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	7,5 mm	Minimum chamfer dimension
D ₁	852,6 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	0,31	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,2	Dynamic axial load factor
Y ₂	3,27	Dynamic axial load factor
Y ₀	2,15	Static axial load factor

Additional information

H31/600-HG	Adapter sleeve
AH31/600A-H	Withdrawal sleeve



Właściwości

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