



FAG

23034-E1A-XL-K-M-H40-C3

Spherical Roller Bearing

Spherical roller bearing 230...-E1A-XL-K-M-H40, symmetric 2 outer ribs

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	M	Brass Cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	260 mm	Outside diameter
B	67 mm	Width
C _r	880.000 N	Basic dynamic load rating, radial
C _{0r}	1.230.000 N	Basic static load rating, radial
C _{ur}	151.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	1.890 1/min	Reference speed
≈m	12,353 kg	Masa



Mounting dimensions

d a min	180,2 mm	Minimum diameter shaft shoulder
D a max	249,8 mm	Maximum diameter of housing shoulder
r a max	2,1 mm	Maximum recess radius
d a max	189 mm	Maximum diameter of shaft shoulder
d b min	179 mm	Minimum cavity diameter of the sleeve
B a min	8 mm	Minimum cavity width of the sleeve

Dimensions

r min	2,1 mm	Minimum chamfer dimension
D 1	237,2 mm	Bore diameter outer ring
d 2	189,8 mm	Raceway diameter of the inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	200 °C	Operating temperature max.

Calculation factors

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	2,98	Dynamic axial load factor
Y 2	4,44	Dynamic axial load factor
Y 0	2,92	Static axial load factor

Additional information

H3034	Adapter sleeve
AH3034	Withdrawal sleeve



Właściwości

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