



FAG

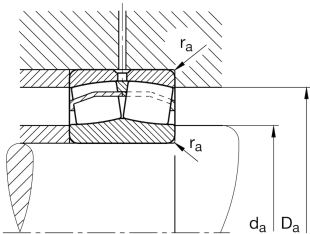
22208-E1-XL-H40

Spherical Roller Bearing

Spherical roller bearing 222...-E1-XL-H40, symmetric with cage guidance ring

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	JPA	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	101.000 N	Basic dynamic load rating, radial
C _{0r}	91.000 N	Basic static load rating, radial
C _{ur}	12.100 N	Fatigue load limit, radial
n _G	10.500 1/min	Limiting speed
n _{gr}	6.200 1/min	Reference speed
≈m	0,521 kg	Masa

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
D _{a max}	73 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius



Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	70,4 mm	Bore diameter outer ring
d ₂	48,8 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	0,27	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,49	Dynamic axial load factor
Y ₂	3,71	Dynamic axial load factor
Y ₀	2,43	Static axial load factor

Właściwości

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