

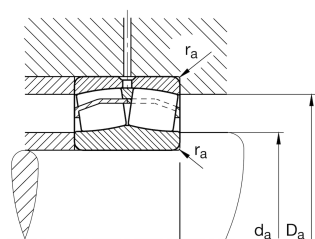
**FAG****22206-E1-XL-H40**

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 feature	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
C_r	64.000 N	Basic dynamic load rating, radial
C_{0r}	57.000 N	Basic static load rating, radial
C_{ur}	7.000 N	Fatigue load limit, radial
n_G	12.500 1/min	Limiting speed
n_{gr}	7.800 1/min	Reference speed
$\approx m$	0,276 kg	Masa

Mounting dimensions

$d_{a \min}$	35,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	56,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius



Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	53,7 mm	Bore diameter outer ring
d ₂	38,1 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	0,3	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,26	Dynamic axial load factor
Y ₂	3,37	Dynamic axial load factor
Y ₀	2,21	Static axial load factor

Właściwości

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