



FAG

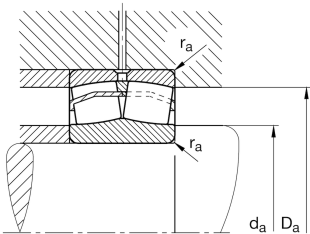
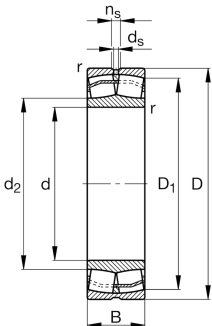
22216-E1-XL-K-H40-C2

Spherical Roller Bearing

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

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	JPA	Sheet metal cage
Radial internal clearance	C2 (Group 2)	Internal clearance smaller than CN
Relubrication feature	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
C _r	250.000 N	Basic dynamic load rating, radial
C _{0r}	270.000 N	Basic static load rating, radial
C _{ur}	34.500 N	Fatigue load limit, radial
n _G	6.200 1/min	Limiting speed
n _{gr}	3.550 1/min	Reference speed

≈m	2,081 kg	Masa
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Mounting dimensions

d a min	91 mm	Minimum diameter shaft shoulder
d a max	94 mm	Maximum diameter of shaft shoulder
D a max	129 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum recess radius
d b min	85 mm	Minimum cavity diameter of the sleeve
B a min	12 mm	Minimum cavity width of the sleeve

Dimensions

r min	2 mm	Minimum chamfer dimension
D 1	126,8 mm	Bore diameter outer ring
d 2	94,9 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	0,22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	3,14	Dynamic axial load factor
Y 2	4,67	Dynamic axial load factor
Y 0	3,07	Static axial load factor

Additional information

H316	Adapter sleeve
AH316	Withdrawal sleeve



Właściwości

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