



FAG

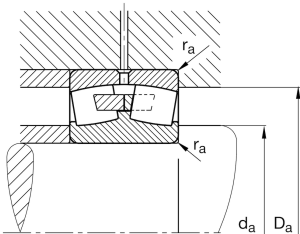
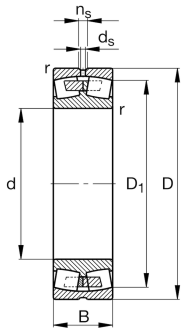
22214-E1A-XL-M-C4

Spherical Roller Bearing

Spherical roller bearing 222...-E1A-XL-M,
symmetric 2 outer ribs

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	M	Brass Cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	31 mm	Width
C _r	211.000 N	Basic dynamic load rating, radial
C _{0r}	226.000 N	Basic static load rating, radial
C _{ur}	28.500 N	Fatigue load limit, radial
n _G	6.700 1/min	Limiting speed
n _{gr}	3.950 1/min	Reference speed
m	1,5 kg	Masa



Mounting dimensions

d _{a min}	79 mm	Minimum diameter shaft shoulder
D _{a max}	116 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius
d _{a max}	84 mm	Maximum diameter of shaft shoulder
d _{b min}	75 mm	Minimum cavity diameter of the sleeve
B _{a min}	11 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	112,5 mm	Bore diameter outer ring
d ₂	84,4 mm	Raceway diameter of the inner ring
d _s	3,2 mm	Diameter lubrication hole
n _s	6,5 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,95	Dynamic axial load factor
Y ₂	4,4	Dynamic axial load factor
Y ₀	2,89	Static axial load factor

Additional information

H314	Adapter sleeve
AH314G	Withdrawal sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Nieosiowość statyczna