



FAG

2217-M-C3>N

Self-aligning ball bearing

Self-aligning ball bearing 22...-M, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Bore type	Z	Cylindrical
Sealing	Without	Not sealed
Cage	M	Solid brass cage, ball guided
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	36 mm	Width
C _r	59.000 N	Basic dynamic load rating, radial
C _{0r}	23.600 N	Basic static load rating, radial
C _{ur}	1.380 N	Fatigue load limit, radial
n _G	7.200 1/min	Limiting speed
n _{gr}	5.200 1/min	Reference speed
≈m	2,73 kg	Masa

Mounting dimensions

d _{a min}	96 mm	Minimum diameter shaft shoulder
D _{a max}	139 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	129,97 mm	Shoulder diameter outer ring
d_1	105,2 mm	Shoulder diameter inner ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.

Calculation factors

e	0,26	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,46	Dynamic axial load factor
Y_2	3,8	Dynamic axial load factor
Y_0	2,57	Static axial load factor

Właściwości

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