



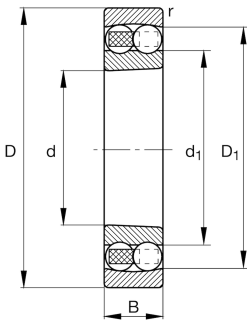
FAG

2320-K-M-C3

Self-aligning ball bearing

Self-aligning ball bearing 23..-K-M, tapered bore taper 1:12, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	K	Tapered, taper 1:12
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	100 mm	Bore diameter
D	215 mm	Outside diameter
B	73 mm	Width
C _r	196.000 N	Basic dynamic load rating, radial
C _{0r}	79.000 N	Basic static load rating, radial
C _{ur}	4.000 N	Fatigue load limit, radial
n _G	4.300 1/min	Limiting speed
n _{gr}	4.350 1/min	Reference speed
m	12,1 kg	Masa



Mounting dimensions

d a min	114 mm	Minimum diameter shaft shoulder
d a max	125 mm	Maximum diameter shaft shoulder
D a max	201 mm	Maximum diameter of housing shoulder
d b min	110 mm	Minimum cavity diameter of the sleeve
B a min	7 mm	Minimum cavity width of the sleeve
r a max	2,5 mm	Maximum fillet radius

Dimensions

r min	3 mm	Minimum chamfer dimension
D 1	182,7 mm	Shoulder diameter outer ring
d 1	130,82 mm	Shoulder diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Calculation factors

e	0,38	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	1,67	Dynamic axial load factor
Y 2	2,59	Dynamic axial load factor
Y 0	1,75	Static axial load factor

Additional information

H2320	Adapter sleeve
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna