



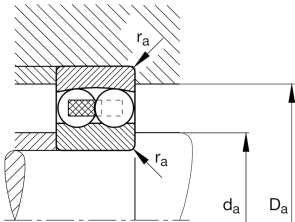
FAG

2317-M-C3

Self-aligning ball bearing

Self-aligning ball bearing 23..-M, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

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	180 mm	Outside diameter
B	60 mm	Width
C _r	143.000 N	Basic dynamic load rating, radial
C _{0r}	51.000 N	Basic static load rating, radial
C _{ur}	2.850 N	Fatigue load limit, radial
n _G	5.400 1/min	Limiting speed
n _{gr}	5.200 1/min	Reference speed
m	7,05 kg	Masa

Mounting dimensions

d _{a min}	99 mm	Minimum diameter shaft shoulder
D _{a max}	166 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum fillet radius



Dimensions

r_{min}	3 mm	Minimum chamfer dimension
D_1	152,21 mm	Shoulder diameter outer ring
d_1	114,44 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,37	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,68	Dynamic axial load factor
Y_2	2,61	Dynamic axial load factor
Y_0	1,76	Static axial load factor

Właściwości

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