



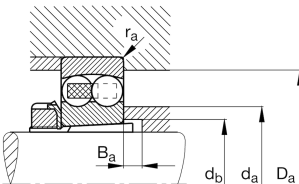
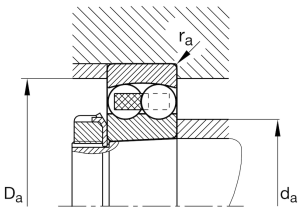
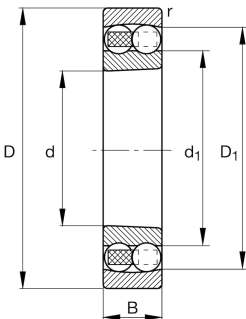
FAG

1317-K-M-C3

Self-aligning ball bearing

Self-aligning ball bearing 13.-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	85 mm	Bore diameter
D	180 mm	Outside diameter
B	41 mm	Width
C _r	99.000 N	Basic dynamic load rating, radial
C _{0r}	38.000 N	Basic static load rating, radial
C _{ur}	2.070 N	Fatigue load limit, radial
n _G	5.800 1/min	Limiting speed
n _{gr}	4.300 1/min	Reference speed
≈m	5,134 kg	Masa



Mounting dimensions

$d_{a \min}$	99 mm	Minimum diameter shaft shoulder
$d_{a \max}$	114 mm	Maximum diameter shaft shoulder
$D_{a \max}$	166 mm	Maximum diameter of housing shoulder
$d_{b \min}$	91 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	151,93 mm	Shoulder diameter outer ring
d_1	117,2 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,22	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,88	Dynamic axial load factor
Y_2	4,46	Dynamic axial load factor
Y_0	3,02	Static axial load factor

Additional information

H317

Adapter sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna