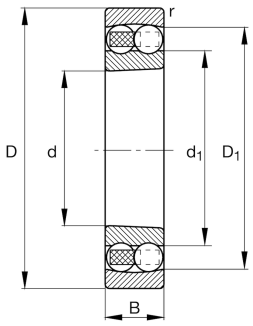
FAG

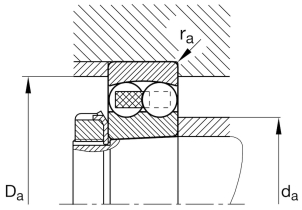
2315-K-M-C3>J

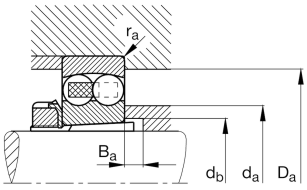
Self-aligning ball bearing

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

Informacje techniczne







Twoja aktualna wersja produktu

Version code	>J	Not marked on bearing
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	75 mm	Bore diameter
D	160 mm	Outside diameter
B	55 mm	Width
C_r	125.000 N	Basic dynamic load rating, radial
C_{0r}	42.500 N	Basic static load rating, radial
C_{ur}	2.490 N	Fatigue load limit, radial
n_G	6.100 1/min	Limiting speed
$n_{\vartheta r}$	5.600 1/min	Reference speed
≈m	5,04 kg	Masa

Mounting dimensions

$d_{a\ min}$	87 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	94 mm	Maximum diameter shaft shoulder
$D_{a\ max}$	148 mm	Maximum diameter of housing shoulder
$d_{b\ min}$	82 mm	Minimum cavity diameter of the sleeve
$B_{a\ min}$	6 mm	Minimum cavity width of the sleeve
$r_{a\ max}$	2,1 mm	Maximum fillet radius

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	135,24 mm	Shoulder diameter outer ring
d_1	100,5 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	1,65	Dynamic axial load factor
Y_2	2,55	Dynamic axial load factor
Y_0	1,73	Static axial load factor

Additional information

	H2315	Adapter sleeve

Właściwości

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