



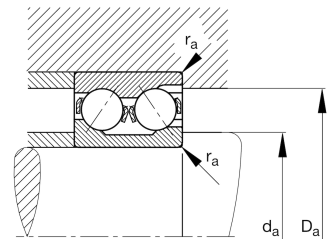
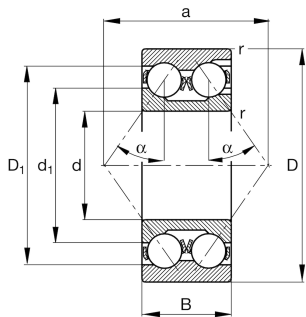
FAG

3220-M

Angular contact ball bearing

Angular contact ball bearing 32...-M, double row, with filling slot, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	FN	Bearing with filling slot
Sealing	Without	Not sealed
Cage	M	Solid brass cage, ball guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	60,3 mm	Width
C _r	152.000 N	Basic dynamic load rating, radial
C _{0r}	222.000 N	Basic static load rating, radial
C _{ur}	9.700 N	Fatigue load limit, radial
n _G	4.900 1/min	Limiting speed
n _{gr}	4.100 1/min	Reference speed
≈m	6,11 kg	Masa



Mounting dimensions

$d_{a\min}$	112 mm	Minimum diameter shaft shoulder
$D_{a\max}$	168 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
D_1	163,66 mm	Shoulder diameter outer ring
d_1	131 mm	Shoulder diameter inner ring
a	127,4 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

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

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia