



FAG

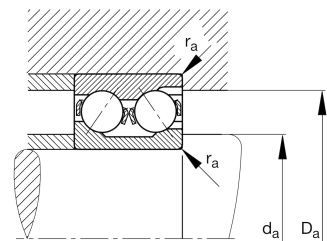
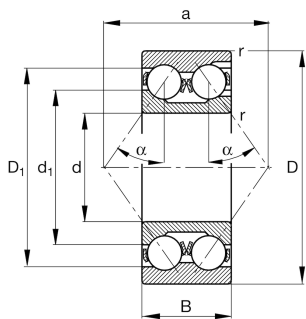


3221-M-C3

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	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	105 mm	Bore diameter
D	190 mm	Outside diameter
B	65,1 mm	Width
C _r	182.000 N	Basic dynamic load rating, radial
C _{0r}	270.000 N	Basic static load rating, radial
C _{ur}	11.400 N	Fatigue load limit, radial
n _G	4.600 1/min	Limiting speed
n _{gr}	3.850 1/min	Reference speed
≈m	7,4 kg	Masa



Mounting dimensions

$d_{a \min}$	117 mm	Minimum diameter shaft shoulder
$D_{a \max}$	178 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	172,9 mm	Shoulder diameter outer ring
d_1	138 mm	Shoulder diameter inner ring
a	134,7 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