



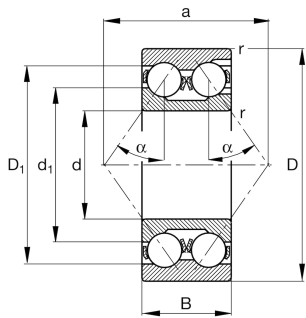
FAG

3322-M-C3

Angular contact ball bearing

Angular contact ball bearing 33...-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	110 mm	Bore diameter
D	240 mm	Outside diameter
B	92,1 mm	Width
C _r	280.000 N	Basic dynamic load rating, radial
C _{0r}	425.000 N	Basic static load rating, radial
C _{ur}	16.800 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
n _{gr}	2.650 1/min	Reference speed
m	20 kg	Masa



Mounting dimensions

d _{a min}	124 mm	Minimum diameter shaft shoulder
D _{a max}	226 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	209,58 mm	Shoulder diameter outer ring
d ₁	161,54 mm	Shoulder diameter inner ring
a	170,5 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