



FAG

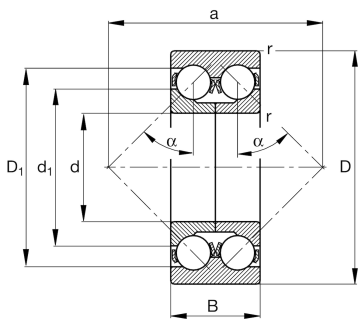


3309-DA-MA [🔗](#)

Angular contact ball bearing

Angular contact ball bearing 33...-DA-MA,
double row, split inner ring, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	DA	Bearing with split inner ring
Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring 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	45 mm	Bore diameter
D	100 mm	Outside diameter
B	39,7 mm	Width
C _r	75.000 N	Basic dynamic load rating, radial
C _{0r}	70.000 N	Basic static load rating, radial
C _{ur}	3.800 N	Fatigue load limit, radial
n _G	9.700 1/min	Limiting speed
n _{gr}	5.700 1/min	Reference speed
≈m	1,615 kg	Masa



Mounting dimensions

d a min	54 mm	Minimum diameter shaft shoulder
D a max	91 mm	Maximum diameter of housing shoulder
r a max	1,5 mm	Maximum fillet radius

Dimensions

r min	1,5 mm	Minimum chamfer dimension
D 1	86,7 mm	Shoulder diameter outer ring
d 1	68,3 mm	Shoulder diameter inner ring
a	92,5 mm	Distance between the apexes of the pressure cones
α	45 °	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