

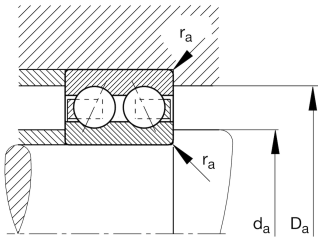
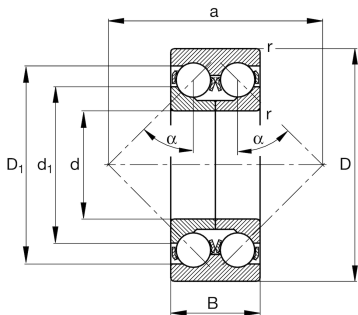
FAG

3307-DA

Angular contact ball bearing

Angular contact ball bearing 33...-DA, double row, split inner ring, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	DA	Bearing with split inner ring
Sealing	Without	Not sealed
Cage	JP	Steel sheet metal
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	35 mm	Bore diameter
D	80 mm	Outside diameter
B	34,9 mm	Width
C _r	50.000 N	Basic dynamic load rating, radial
C _{0r}	41.000 N	Basic static load rating, radial
C _{ur}	2.650 N	Fatigue load limit, radial
n _G	9.600 1/min	Limiting speed
n _{gr}	7.100 1/min	Reference speed
≈m	0,837 kg	Masa



Mounting dimensions

$d_{a \min}$	44 mm	Minimum diameter shaft shoulder
$D_{a \max}$	71 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	69,5 mm	Shoulder diameter outer ring
d_1	55,2 mm	Shoulder diameter inner ring
a	74,8 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