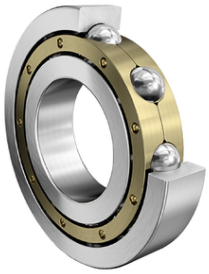


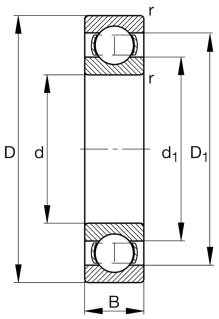
FAG

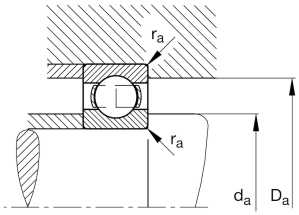
61952-N1-M-C3

Deep groove ball bearing

Deep groove ball bearing 619..-N1-M, single row, holding groove, solid brass cage

Informacje techniczne





Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Design, bearing outer ring	N1	One retaining groove in the outer ring
Cage	M	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	360 mm	Outside diameter
B	46 mm	Width
C_r	222.000 N	Basic dynamic load rating, radial
C_{0r}	280.000 N	Basic static load rating, radial
C_{ur}	8.800 N	Fatigue load limit, radial
n_G	3.050 1/min	Limiting speed
$n_{\vartheta r}$	2.180 1/min	Reference speed
≈m	14,2 kg	Masa

Mounting dimensions

$d_{a\ min}$	270,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	349,8 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	330 mm	Shoulder diameter outer ring
d_1	291,1 mm	Shoulder diameter inner ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Calculation factors

f_0	16,3	Calculation factor

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Obciążenie osiowe dwukierunkowe
- Smarowanie smarem
- Smarowanie olejem
- Bez uszczelnienia
- Łożysko gabarytowe