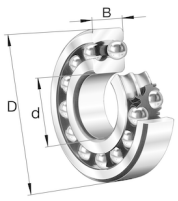


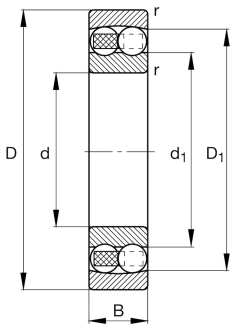
FAG

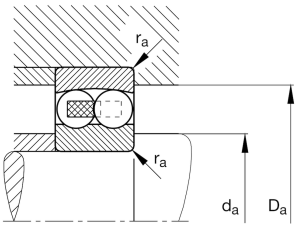
2201-TVH-C3>N

Self-aligning ball bearing

Self-aligning ball bearing 22..-TVH, plastic cage

Informacje techniczne





Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Bore type	Z	Cylindrical
Sealing	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	14 mm	Width
C_r	9.400 N	Basic dynamic load rating, radial
C_{0r}	1.940 N	Basic static load rating, radial
C_{ur}	123 N	Fatigue load limit, radial
n_G	24.200 1/min	Limiting speed
$n_{\vartheta r}$	23.300 1/min	Reference speed
≈m	0,05 kg	Masa

Mounting dimensions

$d_{a\ min}$	16,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	27,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0,6 mm	Maximum fillet radius

Dimensions

r_{min}	0,6 mm	Minimum chamfer dimension
D_1	25,94 mm	Shoulder diameter outer ring
d_1	17,05 mm	Shoulder diameter inner ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Calculation factors

e	0,53	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	1,2	Dynamic axial load factor
Y_2	1,86	Dynamic axial load factor
Y_0	1,26	Static axial load factor

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Obciążenie osiowe dwukierunkowe
- Smarowanie smarem
- Smarowanie olejem
- Bez uszczelnienia
- Nieosiowość statyczna
- Nieosiowość dynamiczna