

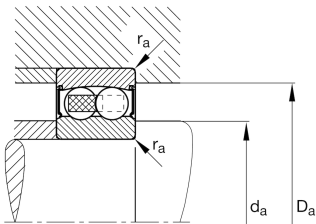
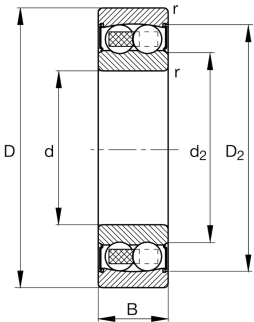
FAG

2201-2RS-TVH>N

Self-aligning ball bearing

Self-aligning ball bearing 22..-2RS-TVH,
seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Bore type	Z	Cylindrical
Type of Seal	2RS	Contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubricant	GA14	Ball bearing grease, low noise

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	14 mm	Width
C _r	5.700 N	Basic dynamic load rating, radial
C _{0r}	1.270 N	Basic static load rating, radial
C _{ur}	80 N	Fatigue load limit, radial
n _G	15.500 1/min	Limiting speed
≈m	0,053 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	25,075 mm	Shoulder diameter outer ring
D 2	27,17 mm	Caliber diameter outer ring
d 1	18,2 mm	Shoulder diameter inner ring
d 2	16,2 mm	Caliber diameter inner ring

Temperature range

T min	-20 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Calculation factors

e	0,37	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	1,68	Dynamic axial load factor
Y 2	2,61	Dynamic axial load factor
Y 0	1,76	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne
	Nieosiowość statyczna
	Nieosiowość dynamiczna