

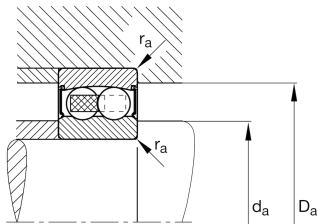
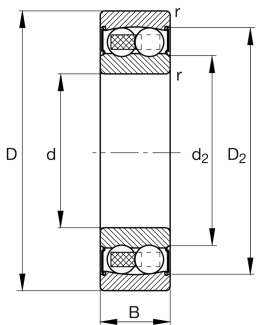
FAG

2202-2RS-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
Sealing	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	15 mm	Bore diameter
D	35 mm	Outside diameter
B	14 mm	Width
C _r	7.700 N	Basic dynamic load rating, radial
C _{0r}	1.750 N	Basic static load rating, radial
C _{ur}	111 N	Fatigue load limit, radial
n _G	13.700 1/min	Limiting speed
≈m	60 g	Masa

Mounting dimensions

d _{a min}	19,2 mm	Minimum diameter shaft shoulder
D _{a max}	30,8 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	28,793 mm	Shoulder diameter outer ring
D 2	30,22 mm	Caliber diameter outer ring
d 1	20,15 mm	Shoulder diameter inner ring
d 2	19 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0,34	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	1,86	Dynamic axial load factor
Y 2	2,88	Dynamic axial load factor
Y 0	1,95	Static axial load factor

Właściwości

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