



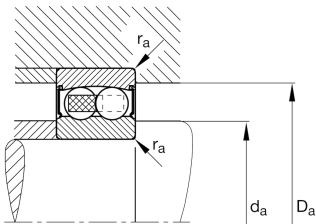
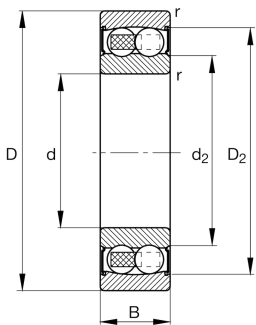
FAG

2302-2RS-TVH>N

Self-aligning ball bearing

Self-aligning ball bearing 23...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	42 mm	Outside diameter
B	17 mm	Width
C _r	9.800 N	Basic dynamic load rating, radial
C _{0r}	2.280 N	Basic static load rating, radial
C _{ur}	145 N	Fatigue load limit, radial
n _G	12.000 1/min	Limiting speed
≈m	114 g	Masa

Mounting dimensions

d _{a min}	20,6 mm	Minimum diameter shaft shoulder
D _{a max}	36,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius



Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	32,8 mm	Shoulder diameter outer ring
D ₂	34,87 mm	Caliber diameter outer ring
d ₁	23,9 mm	Shoulder diameter inner ring
d ₂	21,65 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

e	0,35	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,79	Dynamic axial load factor
Y ₂	2,77	Dynamic axial load factor
Y ₀	1,88	Static axial load factor

Właściwości

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