

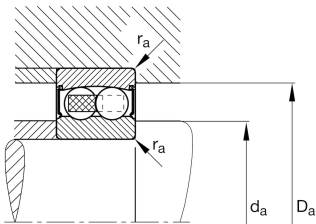
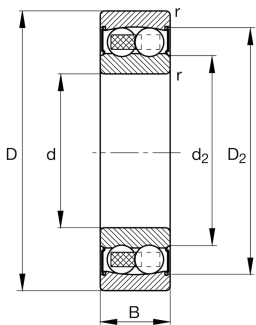
FAG

2310-2RS-TVH

Self-aligning ball bearing

Self-aligning ball bearing 23..-2RS-TVH,
seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

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	GA13	Ball bearing and insert bearing grease

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C _r	42.000 N	Basic dynamic load rating, radial
C _{0r}	14.200 N	Basic static load rating, radial
C _{ur}	900 N	Fatigue load limit, radial
n _G	4.000 1/min	Limiting speed
≈m	1,64 kg	Masa

Mounting dimensions

d _{a min}	61 mm	Minimum diameter shaft shoulder
D _{a max}	99 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius



Dimensions

r min	2 mm	Minimum chamfer dimension
D 1	91,5 mm	Shoulder diameter outer ring
D 2	95,13 mm	Caliber diameter outer ring
d 1	71,44 mm	Shoulder diameter inner ring
d 2	65,87 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0,24	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	2,59	Dynamic axial load factor
Y 2	4,01	Dynamic axial load factor
Y 0	2,72	Static axial load factor

Właściwości

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