



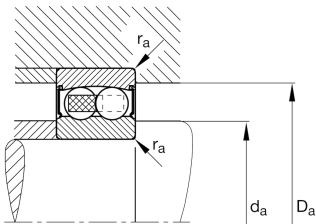
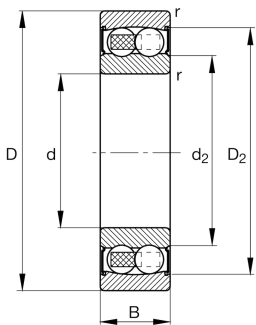
FAG

2306-2RS-TVH-L091-C3>J

Self-aligning ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>J	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	C3 (Group 3)	Internal clearance larger than CN
Lubricant	L091	Grease (L091/customer specific)

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C _r	21.700 N	Basic dynamic load rating, radial
C _{0r}	6.300 N	Basic static load rating, radial
C _{ur}	400 N	Fatigue load limit, radial
n _G	7.800 1/min	Limiting speed
≈m	0,514 kg	Masa

Mounting dimensions

d _{a min}	37 mm	Minimum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius



Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	58,949 mm	Shoulder diameter outer ring
D ₂	62,25 mm	Caliber diameter outer ring
d ₁	45,27 mm	Shoulder diameter inner ring
d ₂	40,6 mm	Caliber diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

e	0,26	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,41	Dynamic axial load factor
Y ₂	3,72	Dynamic axial load factor
Y ₀	2,52	Static axial load factor

Właściwości

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