

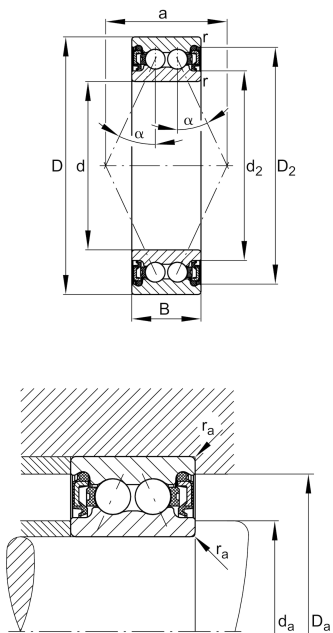


3001-2Z

Angular contact ball bearing

Angular contact ball bearing 30...-B-2RZ-TVH,
double row, shields, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Sealing	2RZ	Non-contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	28 mm	Outside diameter
B	12 mm	Width
C _r	6.100 N	Basic dynamic load rating, radial
C _{0r}	3.700 N	Basic static load rating, radial
C _{ur}	193 N	Fatigue load limit, radial
n _G	22.000 1/min	Limiting speed
n _{gr}	19.300 1/min	Reference speed
≈m	0,034 kg	Masa



Mounting dimensions

d _{a min}	14 mm	Minimum diameter shaft shoulder
D _{a max}	26 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum fillet radius

Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₁	22,5 mm	Shoulder diameter outer ring
D ₂	23,16 mm	Caliber diameter outer ring
d ₁	17,6 mm	Shoulder diameter inner ring
d ₂	16,4 mm	Caliber diamter inner ring
a	13,5 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

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

Właściwości

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