

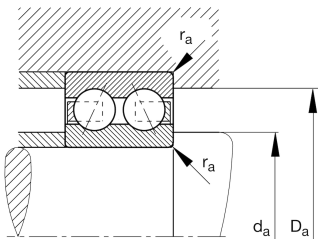
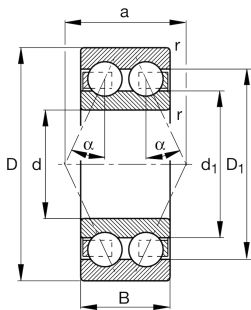


3005

Angular contact ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Sealing	Without	Not sealed
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	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	47 mm	Outside diameter
B	16 mm	Width
C _r	15.200 N	Basic dynamic load rating, radial
C _{0r}	10.900 N	Basic static load rating, radial
C _{ur}	570 N	Fatigue load limit, radial
n _G	15.900 1/min	Limiting speed
n _{gr}	11.100 1/min	Reference speed
≈m	0,102 kg	Masa



Mounting dimensions

d a min	28,2 mm	Minimum diameter shaft shoulder
D a max	43,8 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	40,06 mm	Shoulder diameter outer ring
D 2	41,76 mm	Caliber diameter outer ring
d 1	32,1 mm	Shoulder diameter inner ring
d 2	30,3 mm	Caliber diamter inner ring
a	23,4 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia