

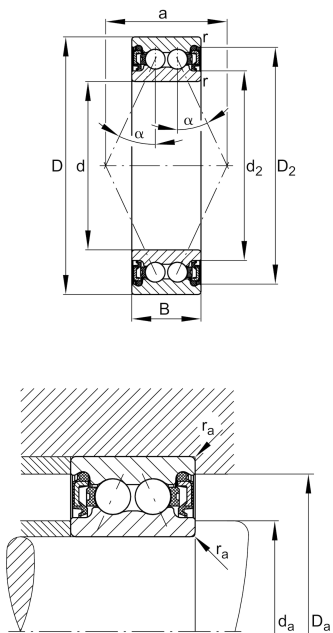


3807-2Z

Angular contact ball bearing

Angular contact ball bearing 38..-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	GA14	Ball bearing grease, low noise
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	47 mm	Outside diameter
B	10 mm	Width
C _r	6.500 N	Basic dynamic load rating, radial
C _{0r}	6.800 N	Basic static load rating, radial
C _{ur}	375 N	Fatigue load limit, radial
n _G	11.700 1/min	Limiting speed
n _{gr}	7.400 1/min	Reference speed
≈m	0,04 kg	Masa



Mounting dimensions

d a min	37 mm	Minimum diameter shaft shoulder
D a max	45 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	43 mm	Shoulder diameter outer ring
D 2	44,05 mm	Caliber diameter outer ring
d 1	39 mm	Shoulder diameter inner ring
d 2	37,5 mm	Caliber diamter inner ring
a	22,6 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