



FAG



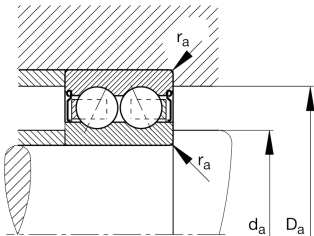
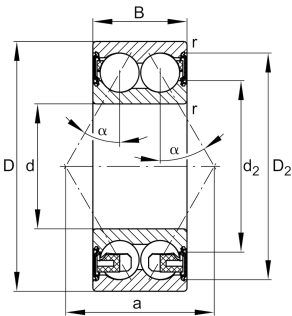
3303-BD-XL-2HRS-TVH

Angular contact ball bearing

Angular contact ball bearing 33..-BD-XL-2HRS-TVH, double row, X-life, seals, plastic cage

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	D	D
Type of Seal	2HRS	Contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	P6	Class 6 (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	17 mm	Bore diameter
D	47 mm	Outside diameter
B	22,2 mm	Width
C _r	22.500 N	Basic dynamic load rating, radial
C _{0r}	13.100 N	Basic static load rating, radial
C _{ur}	910 N	Fatigue load limit, radial
n _G	12.400 1/min	Limiting speed
≈m	0,177 kg	Masa



Mounting dimensions

d a min	22,6 mm	Minimum diameter shaft shoulder
D a max	41,4 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum fillet radius

Dimensions

r min	1 mm	Minimum chamfer dimension
D 1	38,97 mm	Shoulder diameter outer ring
D 2	41,13 mm	Caliber diameter outer ring
d 1	28,52 mm	Shoulder diameter inner ring
d 2	27,14 mm	Caliber diamter inner ring
a	27,5 mm	Distance between the apexes of the pressure cones
α	30 °	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