



FAG



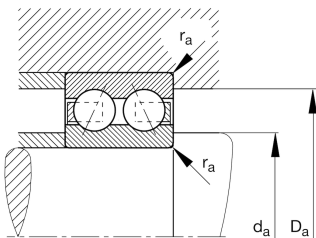
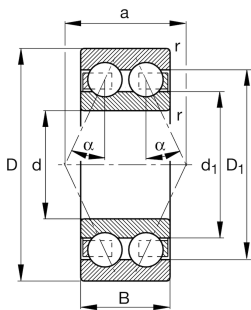
X-life

3212-BD-XL-TVH

Angular contact ball bearing

Angular contact ball bearing 32...BD-XL-TVH,
double row, X-life, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	D	D
Type of Seal	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	36,5 mm	Width
C _r	75.000 N	Basic dynamic load rating, radial
C _{0r}	64.000 N	Basic static load rating, radial
C _{ur}	4.400 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	6.700 1/min	Reference speed
m	1,27 kg	Masa



Mounting dimensions

d a min	69 mm	Minimum diameter shaft shoulder
D a max	101 mm	Maximum diameter of housing shoulder
r a max	1,5 mm	Maximum fillet radius

Dimensions

r min	1,5 mm	Minimum chamfer dimension
D 1	97,02 mm	Shoulder diameter outer ring
D 2	100,51 mm	Caliber diameter outer ring
d 1	78,99 mm	Shoulder diameter inner ring
d 2	76,58 mm	Caliber diamter inner ring
a	64,7 mm	Distance between the apexes of the pressure cones
α	30 °	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