



FAG

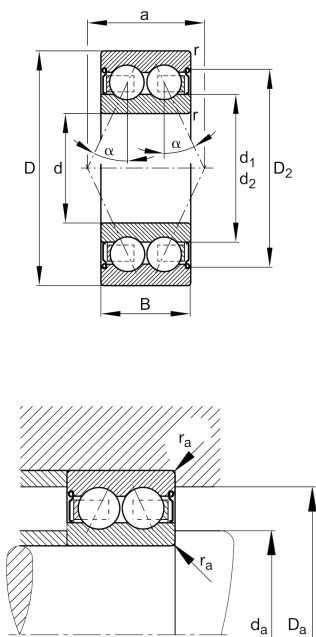


3220-BB-2Z-TVH

Angular contact ball bearing

Angular contact ball bearing 32...-B-2Z-TVH,
double row, shields, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	B	B
Sealing	2Z	Non-contact shield on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	60,3 mm	Width
C _r	185.000 N	Basic dynamic load rating, radial
C _{0r}	173.000 N	Basic static load rating, radial
C _{ur}	7.600 N	Fatigue load limit, radial
n _G	2.750 1/min	Limiting speed
n _{gr}	4.400 1/min	Reference speed
≈m	5,48 kg	Masa



Mounting dimensions

$d_{a\min}$	112 mm	Minimum diameter shaft shoulder
$D_{a\max}$	168 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
D_1	155,7 mm	Shoulder diameter outer ring
D_2	158,9 mm	Caliber diameter outer ring
d_1	124,7 mm	Shoulder diameter inner ring
a	91,3 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Właściwości

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