



FAG

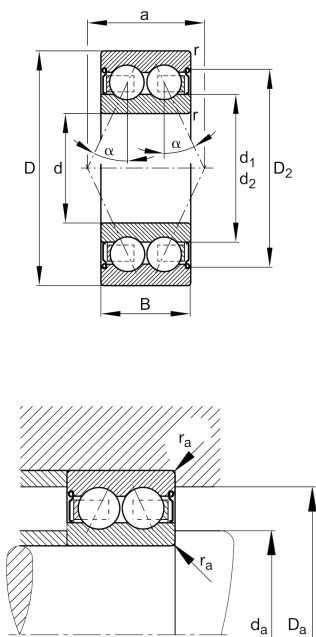


3215-B-2Z-TVH

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
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	75 mm	Bore diameter
D	130 mm	Outside diameter
B	41,3 mm	Width
C _r	88.000 N	Basic dynamic load rating, radial
C _{0r}	85.000 N	Basic static load rating, radial
C _{ur}	4.350 N	Fatigue load limit, radial
n _G	3.900 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
≈m	1,85 kg	Masa



Mounting dimensions

d _{a min}	84 mm	Minimum diameter shaft shoulder
D _{a max}	121 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	112,6 mm	Shoulder diameter outer ring
D ₂	115,5 mm	Caliber diameter outer ring
d ₁	92,1 mm	Shoulder diameter inner ring
a	65,2 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