



FAG

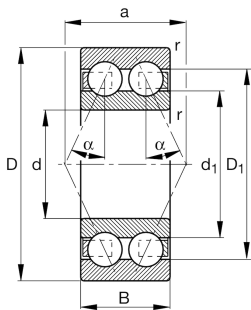


3215-B-TVH-C3

Angular contact ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Sealing	Without	Not sealed
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	C3	Group 3 (C3), bigger than 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	5.200 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
≈m	1,8 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_1	92,42 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 smarem
	Smarowanie olejem
	Bez uszczelnienia