



FAG

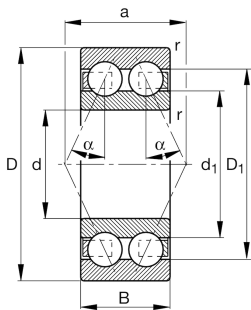


3216-B-TVH-C3

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	80 mm	Bore diameter
D	140 mm	Outside diameter
B	44,4 mm	Width
C _r	99.000 N	Basic dynamic load rating, radial
C _{0r}	102.000 N	Basic static load rating, radial
C _{ur}	5.100 N	Fatigue load limit, radial
n _G	4.900 1/min	Limiting speed
n _{gr}	5.100 1/min	Reference speed
≈m	2,32 kg	Masa



Mounting dimensions

$d_{a\min}$	91 mm	Minimum diameter shaft shoulder
$D_{a\max}$	129 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
D_1	120,32 mm	Shoulder diameter outer ring
d_1	98,82 mm	Shoulder diameter inner ring
a	69,1 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