



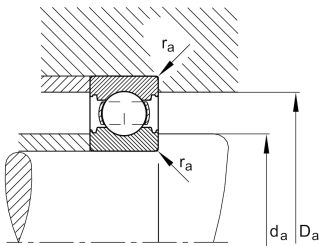
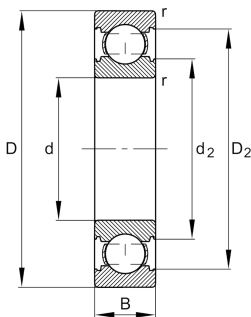
FAG

6004-C-TVH-C3>V

Deep groove ball bearing

Deep groove ball bearing 60...-C-TVH, single row, Generation C, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Type of Seal	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	42 mm	Outside diameter
B	12 mm	Width
C _r	10.600 N	Basic dynamic load rating, radial
C _{0r}	5.000 N	Basic static load rating, radial
C _{ur}	340 N	Fatigue load limit, radial
n _G	27.500 1/min	Limiting speed
n _{gr}	19.700 1/min	Reference speed
≈m	0,06 kg	Masa



Mounting dimensions

d a min	23,2 mm	Minimum diameter shaft shoulder
D a max	38,8 mm	Maximum diameter of housing shoulder
r a max	0,6 mm	Maximum fillet radius

Dimensions

r min	0,6 mm	Minimum chamfer dimension
D 1	35,45 mm	Shoulder diameter outer ring
D 2	37,38 mm	Caliber diameter outer ring
d 1	26,55 mm	Shoulder diameter inner ring
d 2	25,38 mm	Caliber diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Calculation factors

f 0	13,8	Calculation factor
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia