

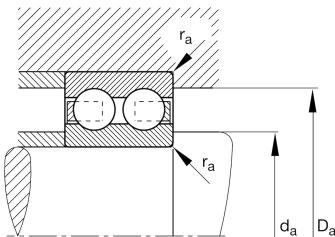
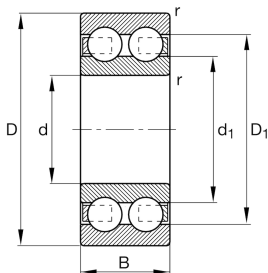
FAG

4211-B-TVH

Deep groove ball bearing

Deep groove ball bearing 42...-B-TVH, double row, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Tolerance class	PN	Normal (ISO 492:2023)
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Lubricant	Lubricating grease	
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	43.000 N	Basic dynamic load rating, radial
C _{0r}	42.500 N	Basic static load rating, radial
C _{ur}	2.200 N	Fatigue load limit, radial
n _G	6.700 1/min	Limiting speed
n _{gr}	5.900 1/min	Reference speed
≈m	0,813 kg	Masa

Mounting dimensions

d _{a min}	64 mm	Minimum diameter shaft shoulder
D _{a max}	91 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	84,7 mm	Shoulder diameter outer ring
d_1	71,35 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f_0	15,4	Calculation factor
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Właściwości

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