

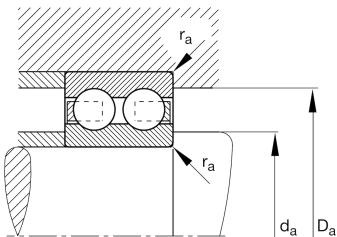
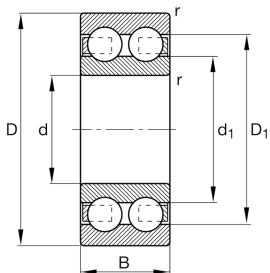
FAG

4314-B-TVH

Deep groove ball bearing

Deep groove ball bearing 43...-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	70 mm	Bore diameter
D	150 mm	Outside diameter
B	51 mm	Width
C _r	156.000 N	Basic dynamic load rating, radial
C _{0r}	131.000 N	Basic static load rating, radial
C _{ur}	7.900 N	Fatigue load limit, radial
n _G	4.150 1/min	Limiting speed
n _{gr}	4.200 1/min	Reference speed
≈m	3,99 kg	Masa

Mounting dimensions

d _{a min}	82 mm	Minimum diameter shaft shoulder
D _{a max}	138 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius



Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	127,1 mm	Shoulder diameter outer ring
d ₁	97,3 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	13,7	Calculation factor
----------------	------	--------------------

Właściwości

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