



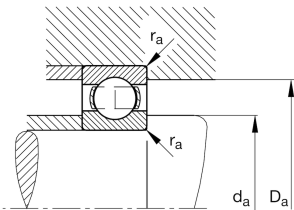
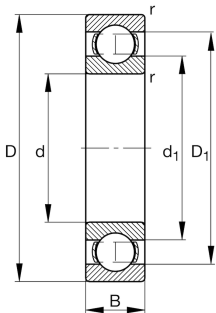
FAG

6305-TVH-C4

Deep groove ball bearing

Deep groove ball bearing 63...TVH, single row, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C _r	23.800 N	Basic dynamic load rating, radial
C _{0r}	11.500 N	Basic static load rating, radial
C _{ur}	780 N	Fatigue load limit, radial
n _G	16.200 1/min	Limiting speed
n _{gr}	12.300 1/min	Reference speed
m	231,75 g	Masa



Mounting dimensions

$d_{a\min}$	32 mm	Minimum diameter shaft shoulder
$D_{a\max}$	55 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_1 \approx$	50,18 mm	Shoulder diameter outer ring
$D_2 \approx$	52,53 mm	Caliber diameter outer ring
$d_1 \approx$	36,4 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Calculation factors

f_0	12,4	Calculation factor
-------	------	--------------------

Właściwości

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