



FAG

6201-C-2HRS-TVH-L138-R4-11>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-2HRS-TVH, single row, Generation C, seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Sealing	2HRS	Contact seal on both sides
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	L138	Grease (L138/customer specific)
Radial internal clearance	R\$-\$	Special radial internal clearance in µm
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
C _r	8.000 N	Basic dynamic load rating, radial
C _{0r}	3.100 N	Basic static load rating, radial
C _{ur}	213 N	Fatigue load limit, radial
n _G	22.500 1/min	Limiting speed
≈m	0,034 kg	Masa



Mounting dimensions

$d_{a\ min}$	16,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	27,8 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	26 mm	Shoulder diameter outer ring
D_2	27,92 mm	Caliber diameter outer ring
d_1	18,31 mm	Shoulder diameter inner ring
d_2	17,34 mm	Caliber diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	12,3	Calculation factor
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne