



FAG

6207-C-2BRS-L038-C3>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-2BRS, single row, Generation C, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Sealing	2BRS	Non-contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L038	Grease (L038/customer specific)
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	29.500 N	Basic dynamic load rating, radial
C _{0r}	15.400 N	Basic static load rating, radial
C _{ur}	1.060 N	Fatigue load limit, radial
n _G	12.700 1/min	Limiting speed
n _{gr}	11.300 1/min	Reference speed
m	0,272 kg	Masa



Mounting dimensions

d a min	42 mm	Minimum diameter shaft shoulder
D a max	65 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	61,56 mm	Shoulder diameter outer ring
D 2	64,51 mm	Caliber diameter outer ring
d 1	46,89 mm	Shoulder diameter inner ring
d 2	44,61 mm	Caliber diameter inner ring

Temperature range

T min	-20 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Calculation factors

f 0	13,9	Calculation factor
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Właściwości

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