



FAG

6207-C-2BRS-J11-L055/60-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	L055	Grease (L055/customer specific)
Fill factor	60%	
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	0,276 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}	-30 °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