



FAG

6207-2Z-L100-C3

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L100	Grease (L100/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	27.500 N	Basic dynamic load rating, radial
C _{0r}	15.300 N	Basic static load rating, radial
C _{ur}	950 N	Fatigue load limit, radial
n _G	11.700 1/min	Limiting speed
n _{gr}	10.400 1/min	Reference speed
≈m	310,96 g	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	60,66 mm	Shoulder diameter outer ring
D_2	63,34 mm	Caliber diameter outer ring
d_1	47,2 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	13,8	Calculation factor
-------	------	--------------------

Właściwości

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