



FAG

6210-C-C4>V

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C _r	40.000 N	Basic dynamic load rating, radial
C _{0r}	23.200 N	Basic static load rating, radial
C _{ur}	1.610 N	Fatigue load limit, radial
n _G	11.700 1/min	Limiting speed
n _{gr}	9.200 1/min	Reference speed
≈m	0,421 kg	Masa



Mounting dimensions

d a min	57 mm	Minimum diameter shaft shoulder
D a max	83 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	78,64 mm	Shoulder diameter outer ring
D 2	81,65 mm	Caliber diameter outer ring
d 1	61,87 mm	Shoulder diameter inner ring
d 2	59,23 mm	Caliber diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Calculation factors

f 0	14,4	Calculation factor
-----	------	--------------------

Właściwości

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