



FAG

6204-C-2HRS-N>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-2HRS-N, single row, Generation C, seals, ring groove, steel sheet metal 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
Design, bearing outer ring	N	Ring groove for snap ring
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA14	Ball bearing grease, low noise
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	14.700 N	Basic dynamic load rating, radial
C _{0r}	6.600 N	Basic static load rating, radial
C _{ur}	455 N	Fatigue load limit, radial
n _G	14.500 1/min	Limiting speed
≈m	0,103 kg	Masa



Mounting dimensions

$d_{a\min}$	25,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	41,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
D_1	39,06 mm	Shoulder diameter outer ring
D_2	41 mm	Caliber diameter outer ring
d_1	27,94 mm	Shoulder diameter inner ring
d_2	26,77 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	13,1	Calculation factor
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Właściwości

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