



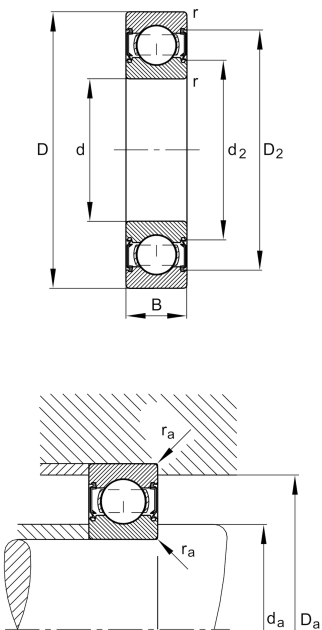
FAG

HC6210-C-2HRS-L207-C3>V

Deep groove ball bearing

Deep groove ball bearing HC62...-C-2HRS,
Hybrid bearing, single row, Generation C,
seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Material Bearing	HC	Hybrid bearing, rolling elements ceramic, bearing rings made of steel
Changed internal design	C	GenerationC
Sealing	2HRS	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	L207	Low noise high-temperature grease, interchangeable with grease L069
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
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}	22.200 N	Basic static load rating, radial
C _{ur}	1.170 N	Fatigue load limit, radial
n _G	6.500 1/min	Limiting speed
≈m	0,403 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	100 °C	Operating temperature max.

Calculation factors

f 0	13,8	Calculation factor
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Właściwości

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