



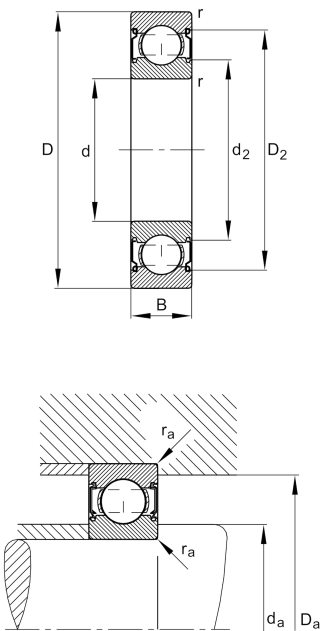
FAG

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

Deep groove ball bearing

Deep groove ball bearing HC62...-C-2Z,
Hybrid bearing, single row, Generation C,
shields, 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
Type of Seal	2Z	Non-contact shield 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	11.900 1/min	Limiting speed
n _{gr}	9.200 1/min	Reference speed
m	0,4 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	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