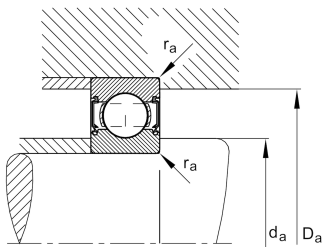
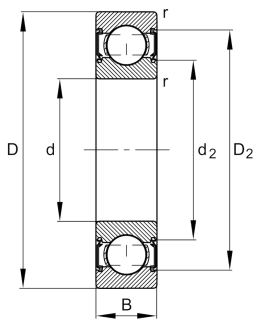


**FAG****HC6210-C-2HRS-L207-C3>V** [🔗](#)**Deep groove ball bearing**

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

Technical information**Your current product variant**

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	Weight



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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Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Lifetime lubrication, freedom from maintenance
	Grease Lubrication
	Sealed on both sides
	Current insulated