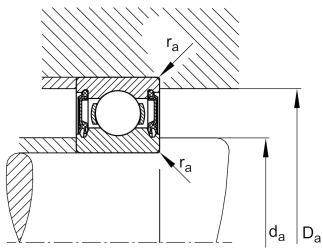
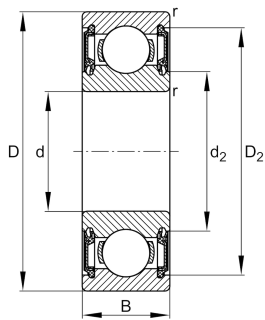


**FAG****6312-H-2RSR-SN>N**

Deep groove ball bearing

Deep groove ball bearing 63...-H-2RSR, single row, H-Series, seals, steel sheet metal cage

Technical information



Your current product variant

Version code	>N	Not marked on bearing
Changed internal design	H	Design variant H (H-Series)
Type of Seal	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C _r	81.910 N	Basic dynamic load rating, radial
C _{0r}	52.140 N	Basic static load rating, radial
C _{ur}	3.200 N	Fatigue load limit, radial
n _G	3.250 1/min	Limiting speed
≈m	1,73 kg	Weight



Mounting dimensions

$d_{a\ min}$	72 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	118 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	2,1 mm	Minimum chamfer dimension
D_1	108,4 mm	Shoulder diameter outer ring
D_2	111,2 mm	Caliber diameter outer ring
d_1	81,7 mm	Shoulder diameter inner ring
d_2	79 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	13,2	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