



FAG

6311-H-2RSR-SN-C3>N

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Changed internal design	H	Design variant H (H-Series)
Sealing	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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	66.910 N	Basic dynamic load rating, radial
C _{0r}	41.890 N	Basic static load rating, radial
C _{ur}	2.550 N	Fatigue load limit, radial
n _G	3.550 1/min	Limiting speed
≈m	1,39 kg	Masa



Mounting dimensions

d a min	66 mm	Minimum diameter shaft shoulder
D a max	109 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum fillet radius

Dimensions

r min	2 mm	Minimum chamfer dimension
D 1	100,9 mm	Shoulder diameter outer ring
D 2	104 mm	Caliber diameter outer ring
d 1	76,1 mm	Shoulder diameter inner ring
d 2	72,6 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	13,3	Calculation factor
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Właściwości

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