



FAG

6311-2RSR>A

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>A	Not marked on bearing
Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	83.000 N	Basic dynamic load rating, radial
C _{0r}	47.500 N	Basic static load rating, radial
C _{ur}	3.250 N	Fatigue load limit, radial
n _G	3.550 1/min	Limiting speed
≈m	1,375 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
$D_{\ 1}$	101,13 mm	Shoulder diameter outer ring
$D_{\ 2}$	104,26 mm	Caliber diameter outer ring
$d_{\ 1}$	75,2 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-20 °C	Operating temperature min.
$T_{\ max}$	100 °C	Operating temperature max.

Calculation factors

$f_{\ 0}$	12,9	Calculation factor
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Właściwości

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