



FAG

61819-2RZ

Deep groove ball bearing

Deep groove ball bearing 618...-2RZ, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RZ	Non-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	95 mm	Bore diameter
D	120 mm	Outside diameter
B	13 mm	Width
C _r	21.000 N	Basic dynamic load rating, radial
C _{0r}	21.300 N	Basic static load rating, radial
C _{ur}	1.230 N	Fatigue load limit, radial
n _G	6.600 1/min	Limiting speed
n _{gr}	4.350 1/min	Reference speed
≈m	0,302 kg	Masa



Mounting dimensions

d a min	99,6 mm	Minimum diameter shaft shoulder
D a max	115,4 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum fillet radius

Dimensions

r min	1 mm	Minimum chamfer dimension
D 1	112,07 mm	Shoulder diameter outer ring
D 2	114,2 mm	Caliber diameter outer ring
d 1	103,2 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	16,1	Calculation factor
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Właściwości

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