



FAG

6313-C-2Z

Deep groove ball bearing

Deep groove ball bearing 63...-C-2Z, single row, Generation C, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Changed internal design	C	GenerationC
Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (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	65 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
C _r	101.000 N	Basic dynamic load rating, radial
C _{0r}	60.000 N	Basic static load rating, radial
C _{ur}	4.100 N	Fatigue load limit, radial
n _G	6.200 1/min	Limiting speed
n _{gr}	7.000 1/min	Reference speed
≈m	2,075 kg	Masa



Mounting dimensions

d a min	77 mm	Minimum diameter shaft shoulder
D a max	128 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	118,22 mm	Shoulder diameter outer ring
D 2	121,4 mm	Caliber diameter outer ring
d 1	87,73 mm	Shoulder diameter inner ring
d 2	85,59 mm	Caliber diameter inner ring

Temperature range

T min	-20 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Calculation factors

f 0	13,2	Calculation factor
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Właściwości

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