



FAG

6217-2Z-C3

Deep groove ball bearing

Deep groove ball bearing 62...-2Z, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2Z	Non-contact shield 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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
C _r	89.000 N	Basic dynamic load rating, radial
C _{0r}	64.000 N	Basic static load rating, radial
C _{ur}	4.050 N	Fatigue load limit, radial
n _G	5.700 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
≈m	1,86 kg	Masa



Mounting dimensions

d a min	96 mm	Minimum diameter shaft shoulder
D a max	139 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum fillet radius

Dimensions

r min	2 mm	Minimum chamfer dimension
D 1	129,79 mm	Shoulder diameter outer ring
D 2	133,8 mm	Caliber diameter outer ring
d 1	106,2 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f 0	14,8	Calculation factor
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Właściwości

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