



FAG

6217-NR-C3

Deep groove ball bearing

Deep groove ball bearing 62...-NR, single row, steel sheet metal cage, ring groove, snap ring



Informacje techniczne

Twoja aktualna wersja produktu

Type of Seal	Without	Not sealed
Design, bearing outer ring	NR	Ring groove for snap ring with snap ring
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
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	6.700 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
≈m	1,838 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_1	106,58 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	150 °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 smarem



Smarowanie olejem



Bez uszczelnienia