



FAG

6213-N-C3

Deep groove ball bearing

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



Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Design, bearing outer ring	N	Ring groove for 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	65 mm	Bore diameter
D	120 mm	Outside diameter
B	23 mm	Width
C _r	63.000 N	Basic dynamic load rating, radial
C _{0r}	41.500 N	Basic static load rating, radial
C _{ur}	2.850 N	Fatigue load limit, radial
n _G	8.600 1/min	Limiting speed
n _{gr}	6.300 1/min	Reference speed
m	0,959 kg	Masa



Mounting dimensions

$d_{a\ min}$	74 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	111 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1,5 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
D_1	103,16 mm	Shoulder diameter outer ring
D_2	106,34 mm	Caliber diameter outer ring
d_1	82,32 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	14,4	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia