



FAG

6032-N2-M-C4

Deep groove ball bearing

Deep groove ball bearing 60...N2-M, single row, holding grooves, solid brass cage

Informacje techniczne

Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Design, bearing outer ring	N2	Two retaining grooves in the outer ring on one side
Cage	M	Solid brass cage, rolling element guided
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	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	240 mm	Outside diameter
B	38 mm	Width
C _r	142.000 N	Basic dynamic load rating, radial
C _{0r}	136.000 N	Basic static load rating, radial
C _{ur}	6.000 N	Fatigue load limit, radial
n _G	4.800 1/min	Limiting speed
n _{gr}	3.750 1/min	Reference speed
≈m	6,14 kg	Masa



Mounting dimensions

$d_{a\min}$	170,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	229,8 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	214,64 mm	Shoulder diameter outer ring
d_1	186,2 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	16	Calculation factor
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia