



FAG

6028-M-C3

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	210 mm	Outside diameter
B	33 mm	Width
C _r	117.000 N	Basic dynamic load rating, radial
C _{0r}	109.000 N	Basic static load rating, radial
C _{ur}	5.100 N	Fatigue load limit, radial
n _G	5.500 1/min	Limiting speed
n _{gr}	4.050 1/min	Reference speed
≈m	4,03 kg	Masa



Mounting dimensions

d _{a min}	148,8 mm	Minimum diameter shaft shoulder
D _{a max}	201,2 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	187,54 mm	Shoulder diameter outer ring
d ₁	162,28 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