



FAG

16032-M-C4

Deep groove ball bearing

Deep groove ball bearing 160..-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	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	25 mm	Width
C _r	109.000 N	Basic dynamic load rating, radial
C _{0r}	114.000 N	Basic static load rating, radial
C _{ur}	4.750 N	Fatigue load limit, radial
n _G	4.950 1/min	Limiting speed
n _{gr}	2.950 1/min	Reference speed
≈m	4,26 kg	Masa



Mounting dimensions

d _{a min}	167 mm	Minimum diameter shaft shoulder
D _{a max}	233 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	212,4 mm	Shoulder diameter outer ring
d ₁	187,28 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	16,5	Calculation factor
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Właściwości

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