



FAG

6234-M-J20AA-C4

Deep groove ball bearing

Deep groove ball bearing 62...-M-J20AA,
single row, solid brass cage, ceramic coated

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	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical
Coating	J20AA	Current insulation, outer ring ceramic coated

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	52 mm	Width
C _r	225.000 N	Basic dynamic load rating, radial
C _{0r}	224.000 N	Basic static load rating, radial
C _{ur}	9.600 N	Fatigue load limit, radial
n _G	3.800 1/min	Limiting speed
n _{gr}	2.950 1/min	Reference speed
≈m	18 kg	Masa



Mounting dimensions

d _{a min}	187 mm	Minimum diameter shaft shoulder
D _{a max}	293 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum fillet radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	261,5 mm	Shoulder diameter outer ring
d ₁	219,04 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

f ₀	15,3	Calculation factor
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Właściwości

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