



FAG

6230-J20C-C3

Deep groove ball bearing

Deep groove ball bearing 62...J20C, single row, steel sheet metal cage, ceramic coated

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical
Coating	J20C	Current insulation, inner ring ceramic coated

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	270 mm	Outside diameter
B	45 mm	Width
C _r	187.000 N	Basic dynamic load rating, radial
C _{0r}	168.000 N	Basic static load rating, radial
C _{ur}	8.100 N	Fatigue load limit, radial
n _G	3.350 1/min	Limiting speed
n _{gr}	3.350 1/min	Reference speed
≈m	10,3 kg	Masa



Mounting dimensions

$d_{a\ min}$	164 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	256 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	3 mm	Minimum chamfer dimension
D_1	229,15 mm	Shoulder diameter outer ring
d_1	191,1 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	15,2	Calculation factor
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Właściwości

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