



FAG

6319-J20AA

Deep groove ball bearing

Deep groove ball bearing 63...J20AA, 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	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical
Coating	J20AA	Current insulation, outer ring ceramic coated

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	200 mm	Outside diameter
B	45 mm	Width
C _r	154.000 N	Basic dynamic load rating, radial
C _{0r}	113.000 N	Basic static load rating, radial
C _{ur}	6.600 N	Fatigue load limit, radial
n _G	4.600 1/min	Limiting speed
n _{gr}	4.950 1/min	Reference speed
≈m	5,842 kg	Masa



Mounting dimensions

$d_{a\min}$	109 mm	Minimum diameter shaft shoulder
$D_{a\max}$	186 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	167,4 mm	Shoulder diameter outer ring
d_1	129,08 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	13,8	Calculation factor
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Właściwości

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