



FAG

6328-J20C-C3 [🔗](#)

Deep groove ball bearing

Deep groove ball bearing 63...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	140 mm	Bore diameter
D	300 mm	Outside diameter
B	62 mm	Width
C _r	270.000 N	Basic dynamic load rating, radial
C _{0r}	246.000 N	Basic static load rating, radial
C _{ur}	11.500 N	Fatigue load limit, radial
n _G	2.950 1/min	Limiting speed
n _{gr}	3.250 1/min	Reference speed
≈m	18,6 kg	Masa



Mounting dimensions

$d_{a\ min}$	157 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	283 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	4 mm	Minimum chamfer dimension
D_1	248,8 mm	Shoulder diameter outer ring
d_1	190,7 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	13,6	Calculation factor
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