



FAG

6404

Deep groove ball bearing

Deep groove ball bearing 64...-A, single row,
steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Changed internal design	A	Design variant A
Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	72 mm	Outside diameter
B	19 mm	Width
C _r	33.000 N	Basic dynamic load rating, radial
C _{0r}	15.200 N	Basic static load rating, radial
C _{ur}	860 N	Fatigue load limit, radial
n _G	14.000 1/min	Limiting speed
n _{gr}	11.700 1/min	Reference speed
m	0,405 kg	Masa



Mounting dimensions

$d_{a \min}$	29 mm	Minimum diameter shaft shoulder
$D_{a \max}$	63 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	55,8 mm	Shoulder diameter outer ring
d_1	37,5 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Calculation factors

f_0	11,1	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia