



FAG

6206-N

Deep groove ball bearing

Deep groove ball bearing 62...-N, single row, ring groove, steel sheet metal cage



Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Design, bearing outer ring	N	Ring groove for snap ring
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	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
C _r	20.700 N	Basic dynamic load rating, radial
C _{0r}	11.300 N	Basic static load rating, radial
C _{ur}	700 N	Fatigue load limit, radial
n _G	16.200 1/min	Limiting speed
n _{gr}	12.000 1/min	Reference speed
m	0,184 kg	Masa



Mounting dimensions

$d_{a\ min}$	35,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	56,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1 mm	Minimum chamfer dimension
$D_{\ 1}$	52,07 mm	Shoulder diameter outer ring
$D_{\ 2}$	54,92 mm	Caliber diameter outer ring
$d_{\ 1}$	40 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_{\ 0}$	13,8	Calculation factor
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Właściwości

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