



FAG

6220-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	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

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C _r	130.000 N	Basic dynamic load rating, radial
C _{0r}	93.000 N	Basic static load rating, radial
C _{ur}	5.500 N	Fatigue load limit, radial
n _G	5.000 1/min	Limiting speed
n _{gr}	4.800 1/min	Reference speed
m	3,22 kg	Masa



Mounting dimensions

$d_{a\ min}$	112 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	168 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	2,1 mm	Minimum chamfer dimension
D_1	154,94 mm	Shoulder diameter outer ring
d_1	125,08 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	14,4	Calculation factor
-------	------	--------------------

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia