



FAG

6014-M

Deep groove ball bearing

Deep groove ball bearing 60.-M, single row,
solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
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	70 mm	Bore diameter
D	110 mm	Outside diameter
B	20 mm	Width
C _r	40.500 N	Basic dynamic load rating, radial
C _{0r}	31.000 N	Basic static load rating, radial
C _{ur}	1.900 N	Fatigue load limit, radial
n _G	11.200 1/min	Limiting speed
n _{gr}	6.800 1/min	Reference speed
≈m	0,709 kg	Masa



Mounting dimensions

$d_{a\min}$	76 mm	Minimum diameter shaft shoulder
$D_{a\max}$	104 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	97,28 mm	Shoulder diameter outer ring
D_2	100,04 mm	Caliber diameter outer ring
d_1	82,75 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	15,6	Calculation factor
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Właściwości

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