



FAG

16040-N1-M

Deep groove ball bearing

Deep groove ball bearing 160..-N1-M, single row, holding groove, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Type of Seal	Without	Not sealed
Design, bearing outer ring	N1	One retaining groove in the outer ring
Cage	M	Solid brass cage, rolling element guided
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	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	310 mm	Outside diameter
B	34 mm	Width
C _r	186.000 N	Basic dynamic load rating, radial
C _{0r}	202.000 N	Basic static load rating, radial
C _{ur}	7.500 N	Fatigue load limit, radial
n _G	3.700 1/min	Limiting speed
n _{gr}	2.470 1/min	Reference speed
≈m	10,1 kg	Masa



Mounting dimensions

$d_{a\min}$	208,8 mm	Minimum diameter shaft shoulder
$D_{a\max}$	301,2 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
D_1	276,5 mm	Shoulder diameter outer ring
d_1	244,35 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	16,4	Calculation factor
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Właściwości

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