



FAG

16052-MA-C4

Deep groove ball bearing

Deep groove ball bearing 160..-MA, single row, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring 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	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	400 mm	Outside diameter
B	44 mm	Width
C _r	237.000 N	Basic dynamic load rating, radial
C _{0r}	310.000 N	Basic static load rating, radial
C _{ur}	10.200 N	Fatigue load limit, radial
n _G	2.850 1/min	Limiting speed
n _{gr}	1.960 1/min	Reference speed
≈m	21,6 kg	Masa



Mounting dimensions

$d_{a\ min}$	272,4 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	387,6 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum fillet radius

Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
D_1	352 mm	Shoulder diameter outer ring
d_1	310 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



Łożysko gabarytowe