



FAG

6092-N1-MB-C3

Deep groove ball bearing

Deep groove ball bearing 60...N1-MB, single row, holding groove, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Design, bearing outer ring	N1	One retaining groove in the outer ring
Cage	MB	Solid brass cage, inner 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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	460 mm	Bore diameter
D	680 mm	Outside diameter
B	100 mm	Width
C _r	590.000 N	Basic dynamic load rating, radial
C _{0r}	1.070.000 N	Basic static load rating, radial
C _{ur}	28.000 N	Fatigue load limit, radial
n _G	1.550 1/min	Limiting speed
n _{gr}	1.200 1/min	Reference speed
≈m	123,1 kg	Masa



Mounting dimensions

$d_{a\min}$	483 mm	Minimum diameter shaft shoulder
$D_{a\max}$	657 mm	Maximum diameter of housing shoulder
$r_{a\max}$	5 mm	Maximum fillet radius

Dimensions

$r_{\min}$	6 mm	Minimum chamfer dimension
D_1	614 mm	Shoulder diameter outer ring
d_1	528,7 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	Calculation factor
-------	----	--------------------

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe