



FAG

61996-MA-C3 [🔗](#)

Deep groove ball bearing

Deep groove ball bearing 619...-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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	480 mm	Bore diameter
D	650 mm	Outside diameter
B	78 mm	Width
C _r	445.000 N	Basic dynamic load rating, radial
C _{0r}	810.000 N	Basic static load rating, radial
C _{ur}	19.000 N	Fatigue load limit, radial
n _G	1.630 1/min	Limiting speed
n _{gr}	1.130 1/min	Reference speed
≈m	77,2 kg	Masa



Mounting dimensions

$d_{a\min}$	498 mm	Minimum diameter shaft shoulder
$D_{a\max}$	632 mm	Maximum diameter of housing shoulder
$r_{a\max}$	4 mm	Maximum fillet radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	596,9 mm	Shoulder diameter outer ring
d_1	535,9 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	16,5	Calculation factor
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Właściwości

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