



FAG

61972-M-P6-S1-C5

Deep groove ball bearing

Deep groove ball bearing 619...-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	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	C5 (Group 5)	Internal clearance larger than C4
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	480 mm	Outside diameter
B	56 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	480.000 N	Basic static load rating, radial
C _{ur}	13.600 N	Fatigue load limit, radial
n _G	2.230 1/min	Limiting speed
n _{gr}	1.520 1/min	Reference speed
≈m	28,3 kg	Masa



Mounting dimensions

$d_{a\ min}$	372,4 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	467,6 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	3 mm	Minimum chamfer dimension
$D_{\ 1}$	442,95 mm	Shoulder diameter outer ring
$d_{\ 1}$	397,8 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