



FAG

61880-MA

Deep groove ball bearing

Deep groove ball bearing 618..-MA, single row, solid brass cage

Technische Informationen



Ihre aktuelle Produktvariante

Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring guided
Tolerance class	PN	Normal (PN)
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	400 mm	Bore diameter
D	500 mm	Outside diameter
B	46 mm	Width
C _r	222.000 N	Basic dynamic load rating, radial
C _{0r}	335.000 N	Basic static load rating, radial
C _{ur}	9.000 N	Fatigue load limit, radial
n _G	2.150 1/min	Limiting speed
n _{gr}	1.340 1/min	Reference speed
m	21,6 kg	Gewicht



Mounting dimensions

$d_{a \min}$	410,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	489,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	467,2 mm	Shoulder diameter outer ring
d_1	433,7 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	16,1	Calculation factor
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Eigenschaften

-  Radiale Last
-  Axiale Last aus einer Richtung
-  Axiale Last aus zwei Richtungen
-  Fettschmierung
-  Ölschmierung
-  Nicht abgedichtet
-  Großlager