



FAG

71860-MPA-P5-UL

Angular contact ball bearing

Angular contact ball bearing 718..-MPA,
single row, solid brass cage



Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	MPA	Solid brass cage, outer ring guided
Tolerance class	P5	Class 5 (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Bearing with matched conditions for fitting in pairs	UL	Bearing set with light preload
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	300 mm	Bore diameter
D	380 mm	Outside diameter
B	38 mm	Width
C _r	204.000 N	Basic dynamic load rating, radial
C _{0r}	315.000 N	Basic static load rating, radial
C _{ur}	9.900 N	Fatigue load limit, radial
n _G	2.450 1/min	Limiting speed
n _{gr}	1.450 1/min	Reference speed
m	9,87 kg	Masa



Mounting dimensions

d a min	310,2 mm	Minimum diameter of shaft shoulder
D a max	369,8 mm	Maximum diameter of housing shoulder
D b max	375,4 mm	Maximum diameter of housing shoulder
r a max	2,1 mm	Maximum fillet radius of shaft
r a1 max	1 mm	Maximum fillet radius of housing

Dimensions

r min	2,1 mm	Minimum chamfer dimension
r 1 min	1,1 mm	Minimum chamfer dimension
D 1	349,1 mm	Shoulder diameter on outer ring wide side face
d 1	331 mm	Shoulder diameter on inner ring wide side face
a	117,1 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Temperature range

T min	-30 °C	Operating temperature min.
T max	200 °C	Operating temperature max.

Additional information

V max	-12 μm	Preload per set max.
Tol (+)	12 μm	Tolerance for axial clearance or preload per set
F V max	1.569 N	Preload force



Właściwości

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