



FAG

71864-MP-P5-UL

Angular contact ball bearing

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



Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	MP	Solid brass cage, ball 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	320 mm	Bore diameter
D	400 mm	Outside diameter
B	38 mm	Width
C _r	210.000 N	Basic dynamic load rating, radial
C _{0r}	335.000 N	Basic static load rating, radial
C _{ur}	10.300 N	Fatigue load limit, radial
n _G	2.310 1/min	Limiting speed
n _{gr}	1.340 1/min	Reference speed
m	10,585 kg	Masa



Mounting dimensions

d a min	330,2 mm	Minimum diameter of shaft shoulder
D a max	389,8 mm	Maximum diameter of housing shoulder
D b max	394 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	368 mm	Shoulder diameter on outer ring wide side face
d 1	351 mm	Shoulder diameter on inner ring wide side face
a	122,9 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 (+)	14 μm	Tolerance for axial clearance or preload per set
F V max	1.631 N	Preload force



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



łożysko gabarytowe