



FAG

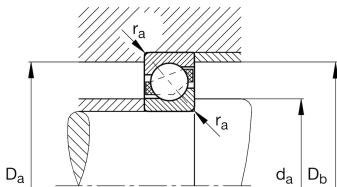
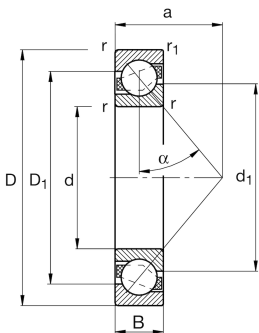
71896-MP

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	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	480 mm	Bore diameter
D	600 mm	Outside diameter
B	56 mm	Width
C _r	390.000 N	Basic dynamic load rating, radial
C _{0r}	770.000 N	Basic static load rating, radial
C _{ur}	19.600 N	Fatigue load limit, radial
n _G	1.490 1/min	Limiting speed
n _{gr}	830 1/min	Reference speed
≈m	33,9 kg	Masa



Mounting dimensions

$d_{a\ min}$	492,4 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	587,6 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	594 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1\ max}$	1 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_{1\ min}$	1,1 mm	Minimum chamfer dimension
D_1	556,15 mm	Shoulder diameter on outer ring wide side face
d_1	526,5 mm	Shoulder diameter on inner ring wide side face
a	183,9 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.

Właściwości

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