



FAG

7056-B-MP-UO

Angular contact ball bearing

Angular contact ball bearing 70..-B-MP, single row, solid brass cage



Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
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°
Bearing with matched conditions for fitting in pairs	UO	Bearing set clearance-free in O or X arrangement
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	420 mm	Outside diameter
B	65 mm	Width
C _r	330.000 N	Basic dynamic load rating, radial
C _{0r}	570.000 N	Basic static load rating, radial
C _{ur}	15.800 N	Fatigue load limit, radial
n _G	2.270 1/min	Limiting speed
n _{gr}	1.560 1/min	Reference speed
≈m	30,2 kg	Masa



Mounting dimensions

$d_{a\ min}$	294,6 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	405,4 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	413 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum fillet radius of shaft
$r_{a1\ max}$	1,5 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
$r_{1\ min}$	1,5 mm	Minimum chamfer dimension
D_1	366,15 mm	Shoulder diameter on outer ring wide side face
d_1	337,1 mm	Shoulder diameter on inner ring wide side face
a	179,3 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

Additional information

$Tol\ (+)$	16 μm	Tolerance for axial clearance or preload per set
$A_{\min}$	0 μm	Axial clearance per set min.



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe