



FAG

7432-B-MPB

Angular contact ball bearing

Angular contact ball bearing 74..-B-MPB,
single row, solid brass cage



Informacje techniczne

Twoja aktualna wersja produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	MPB	Solid brass cage, inner ring 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	160 mm	Bore diameter
D	400 mm	Outside diameter
B	88 mm	Width
C _r	465.000 N	Basic dynamic load rating, radial
C _{0r}	640.000 N	Basic static load rating, radial
C _{ur}	20.000 N	Fatigue load limit, radial
n _G	2.550 1/min	Limiting speed
n _{gr}	1.650 1/min	Reference speed
m	56,8 kg	Masa



Mounting dimensions

$d_{a\ min}$	184 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	376 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	387 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum fillet radius of shaft
$r_{a1\ max}$	2 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
$r_{1\ min}$	2 mm	Minimum chamfer dimension
D_1	307,15 mm	Shoulder diameter on outer ring wide side face
d_1	257,8 mm	Shoulder diameter on inner ring wide side face
a	161,5 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.

Właściwości

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