





FAG

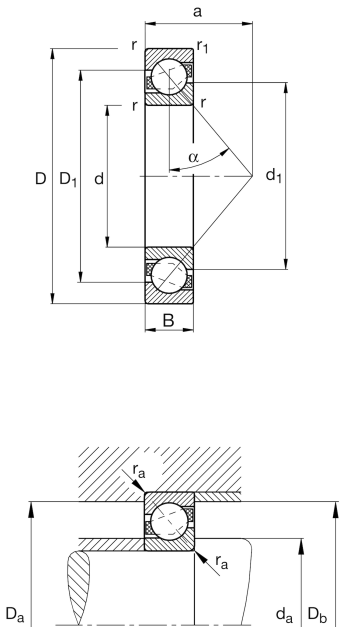
7208-B-XL-TVP-P5 

Angular contact ball bearing

Angular contact ball bearing 72...-B-XL-TVP,
single row, X-life, plastic cage

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	TVP	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P5	Class 5 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C _r	36.000 N	Basic dynamic load rating, radial
C _{0r}	23.500 N	Basic static load rating, radial
C _{ur}	1.630 N	Fatigue load limit, radial
n _G	11.900 1/min	Limiting speed
n _{gr}	8.600 1/min	Reference speed
≈m	0,367 kg	Masa



Mounting dimensions

$d_{a\min}$	47 mm	Minimum diameter of shaft shoulder
$D_{a\max}$	73 mm	Maximum diameter of housing shoulder
$D_{b\max}$	75,8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius of shaft
$r_{a1\max}$	0,6 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$r_1\min$	0,6 mm	Minimum chamfer dimension
D_1	64,4 mm	Shoulder diameter on outer ring wide side face
d_1	56,42 mm	Shoulder diameter on inner ring wide side face
a	34,2 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia