



FAG

7208-B-XL-2RS-TVP-UL

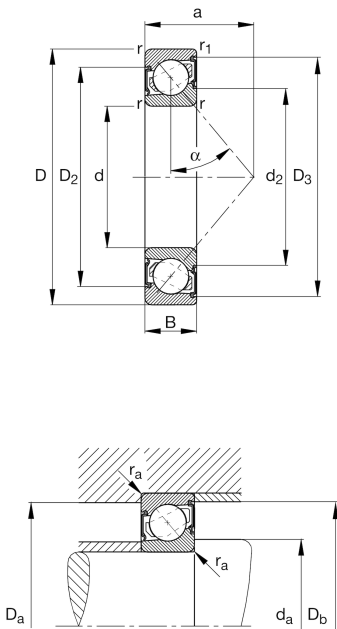
Angular contact ball bearing

Angular contact ball bearing 72..-B-XL-2RS-TVP, single row, X-life, seals, plastic cage



X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
Sealing	2RS	Contact seal on both sides
Cage	TVP	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Bearing with matched conditions for fitting in pairs	UL	Bearing set with light preload
Lubricant	GA13	Ball bearing and insert bearing grease

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	5.000 1/min	Limiting speed
≈m	0,373 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 2	66,98 mm	Caliber diameter on outer ring wide side face
D 3	73,82 mm	Caliber diameter on outer ring small side face
d 1	56,42 mm	Shoulder diameter on inner ring wide side face
d 2	52,01 mm	Caliber 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	-20 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Additional information

V max	-6 μm	Preload per set max.
Tol (+)	8 μm	Tolerance for axial clearance or preload per set

F V max	246 N	Preload force
---------	-------	---------------



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne