



FAG



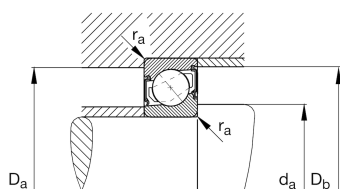
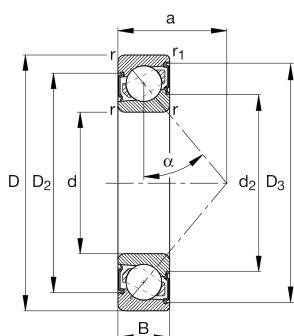
X-life

7308-B-XL-2RS-TVP-L100 [↗](#)

Angular contact ball bearing

Angular contact ball bearing 73...B-XL-2RS-TVP, single row, X-life, seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
Type of Seal	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°
Lubricant	L100	Grease (L100/customer specific)

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C _r	57.000 N	Basic dynamic load rating, radial
C _{0r}	34.500 N	Basic static load rating, radial
C _{ur}	2.390 N	Fatigue load limit, radial
n _G	4.650 1/min	Limiting speed
≈m	0,661 kg	Masa



Mounting dimensions

d a min	49 mm	Minimum diameter of shaft shoulder
D a max	81 mm	Maximum diameter of housing shoulder
D b max	84,4 mm	Maximum diameter of housing shoulder
r a max	1,5 mm	Maximum fillet radius of shaft
r a1 max	1 mm	Maximum fillet radius of housing

Dimensions

r min	1,5 mm	Minimum chamfer dimension
r 1 min	1 mm	Minimum chamfer dimension
D 1	71,28 mm	Shoulder diameter on outer ring wide side face
D 2	73,88 mm	Caliber diameter on outer ring wide side face
D 3	83,34 mm	Caliber diameter on outer ring small side face
d 1	59,99 mm	Shoulder diameter on inner ring wide side face
d 2	55,58 mm	Caliber diameter on inner ring wide side face
a	38,8 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T min	-30 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne