



FAG

7200-B-XL-2RS-TVP-L212

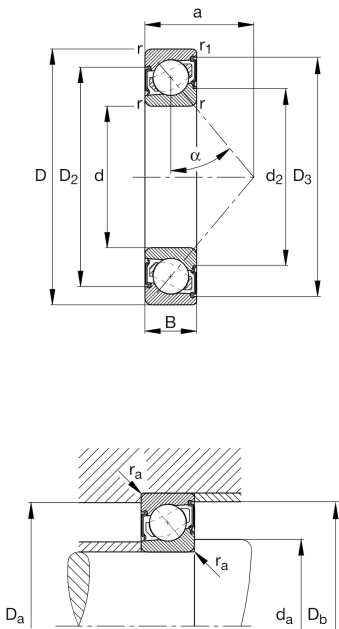
Angular contact ball bearing

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°
Lubricant	L212	Grease (L212/customer specific)

Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
C _r	5.600 N	Basic dynamic load rating, radial
C _{0r}	2.600 N	Basic static load rating, radial
C _{ur}	179 N	Fatigue load limit, radial
n _G	16.100 1/min	Limiting speed
≈m	0,033 kg	Masa



Mounting dimensions

d a min	14,2 mm	Minimum diameter of shaft shoulder
D a max	25,8 mm	Maximum diameter of housing shoulder
D b max	27,6 mm	Maximum diameter of housing shoulder
r a max	0,6 mm	Maximum fillet radius of shaft
r a1 max	0,3 mm	Maximum fillet radius of housing

Dimensions

r min	0,6 mm	Minimum chamfer dimension
r 1 min	0,3 mm	Minimum chamfer dimension
D 1	22,03 mm	Shoulder diameter on outer ring wide side face
D 2	23,17 mm	Caliber diameter on outer ring wide side face
D 3	25,42 mm	Caliber diameter on outer ring small side face
d 1	18,26 mm	Shoulder diameter on inner ring wide side face
d 2	15,52 mm	Caliber diameter on inner ring wide side face
a	12,9 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