



FAG



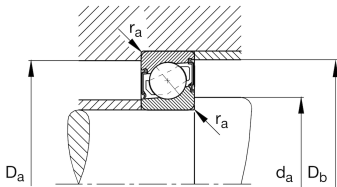
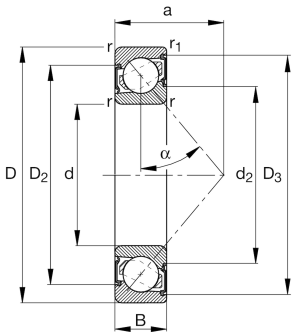
X-life

7305-B-XL-2RS-TVP

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
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	GA14	Ball bearing grease, low noise

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C _r	30.000 N	Basic dynamic load rating, radial
C _{0r}	15.800 N	Basic static load rating, radial
C _{ur}	1.100 N	Fatigue load limit, radial
n _G	7.100 1/min	Limiting speed
≈m	0,23 kg	Masa



Mounting dimensions

d a min	32 mm	Minimum diameter of shaft shoulder
D a max	55 mm	Maximum diameter of housing shoulder
D b max	57,8 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	48 mm	Shoulder diameter on outer ring wide side face
D 2	50,26 mm	Caliber diameter on outer ring wide side face
D 3	57,1 mm	Caliber diameter on outer ring small side face
d 1	39,9 mm	Shoulder diameter on inner ring wide side face
d 2	36,19 mm	Caliber diameter on inner ring wide side face
a	26,8 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.

Właściwości

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