



FAG



7303-B-XL-2RS-TVP

Angular contact ball bearing

Angular contact ball bearing 73..-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	GA14	Ball bearing grease, low noise

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	18.700 N	Basic dynamic load rating, radial
C _{0r}	9.000 N	Basic static load rating, radial
C _{ur}	620 N	Fatigue load limit, radial
n _G	9.800 1/min	Limiting speed
≈m	107 g	Masa



Mounting dimensions

d a min	22,6 mm	Minimum diameter of shaft shoulder
D a max	41,4 mm	Maximum diameter of housing shoulder
D b max	42,8 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 mm	Minimum chamfer dimension
r 1 min	0,6 mm	Minimum chamfer dimension
D 1	35,54 mm	Shoulder diameter on outer ring wide side face
D 2	37,2 mm	Caliber diameter on outer ring wide side face
D 3	42,63 mm	Caliber diameter on outer ring small side face
d 1	29,19 mm	Shoulder diameter on inner ring wide side face
d 2	26,13 mm	Caliber diameter on inner ring wide side face
a	20,4 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