



FAG



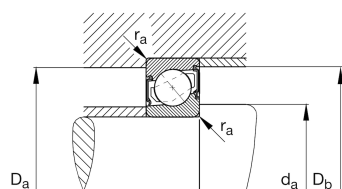
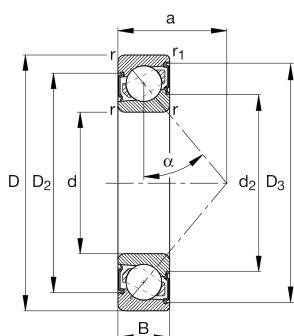
X-life

7201-B-XL-2RS-TVP

Angular contact ball bearing

Angular contact ball bearing 72...-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	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
C _r	7.900 N	Basic dynamic load rating, radial
C _{0r}	3.550 N	Basic static load rating, radial
C _{ur}	248 N	Fatigue load limit, radial
n _G	14.800 1/min	Limiting speed
≈m	35,7 g	Masa



Mounting dimensions

$d_{a\ min}$	16,2 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	27,8 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	29,6 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	24,63 mm	Shoulder diameter on outer ring wide side face
D_2	25,89 mm	Caliber diameter on outer ring wide side face
D_3	28,79 mm	Caliber diameter on outer ring small side face
d_1	19,76 mm	Shoulder diameter on inner ring wide side face
d_2	17,02 mm	Caliber diameter on inner ring wide side face
a	14,2 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.

Właściwości

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