15.09.2023, 20:47:15 UTC SCHAEFFLER



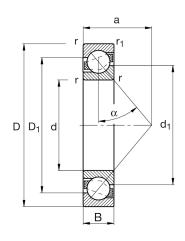
# 7216-B-XL-TVP-UO

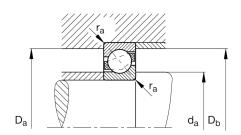
Angular contact ball bearing

Schaeffler ID: 0167254920000

Angular contact ball bearing 72..-B-XL-TVP, single row, X-life, plastic cage

## Technical information





#### **Main Dimensions & Performance Data**

d	3,15 in	Bore diameter
D	5,512 in	Outside diameter
В	1,024 in	Width
C <sub>r</sub>	19.109,712 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	16.187,05 lbf	Basic static load rating, radial
C ur	1.079,137 lbf	Fatigue load limit, radial
n <sub>G</sub>	6.400 1/min	Limiting speed
n <sub>9r</sub>	4.950 1/min	Reference speed
	3,131 lbs	\${Weight}

### **Mounting dimensions**

d <sub>a min</sub>	3,583 in	Minimum diameter of shaft shoulder
D <sub>a max</sub>	5,079 in	Maximum diameter of housing shoulder
D <sub>b max</sub>	5,291 in	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,079 in	Maximum fillet radius of shaft
r <sub>a1 max</sub>	0,039 in	Maximum fillet radius of housing

#### **Dimensions**

r <sub>min</sub>	0,079 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,039 in	Minimum chamfer dimension
D <sub>1</sub>	4,614 in	Shoulder diameter on outer ring wide side face
d <sub>1</sub>	4,051 in	Shoulder diameter on inner ring wide side face
а	2,323 in	Distance between the apexes of the pressure
		cones
α	40 °	Contact angle

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

15.09.2023, 20:47:15 UTC SCHAEFFLER

# Temperature range

T <sub>min</sub>	-22 °F	Operating temperature min.
T <sub>max</sub>	248 °F	Operating temperature max.

## Additional information

A <sub>min</sub>	0 in	Axial clearance per set min.
Tol (+)	0,00047 in	Tolerance for axial clearance or preload per set