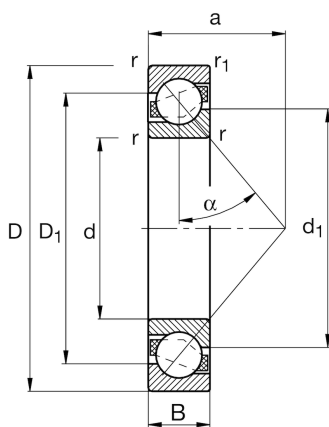
**FAG** 7216-B-XL-TVP-UO

Angular contact ball bearing

Schaeffler ID:  
0167254920000Angular contact ball bearing 72..-B-XL-  
TVP, single row, X-life, plastic cage

X-life

## Technical information



## Main Dimensions &amp; Performance Data

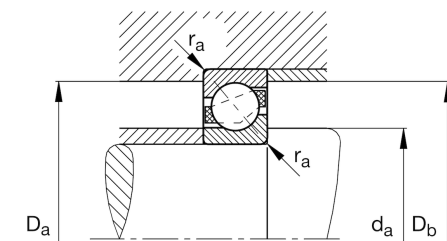
d	3,15 in	Bore diameter
D	5,512 in	Outside diameter
B	1,024 in	Width
C <sub>r</sub>	19.109,712 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	16.187,05 lbf	Basic static load rating, radial
C <sub>ur</sub>	1.079,137 lbf	Fatigue load limit, radial
n <sub>G</sub>	6.400 1/min	Limiting speed
n <sub>gr</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
a	2,323 in	Distance between the apexes of the pressure cones
α	40 °	Contact angle



**Temperature range**

$T_{\min}$	-22 °F	Operating temperature min.
$T_{\max}$	248 °F	Operating temperature max.

**Additional information**

$A_{\min}$	0 in	Axial clearance per set min.
Tol (+)	0,00047 in	Tolerance for axial clearance or preload per set