



FAG

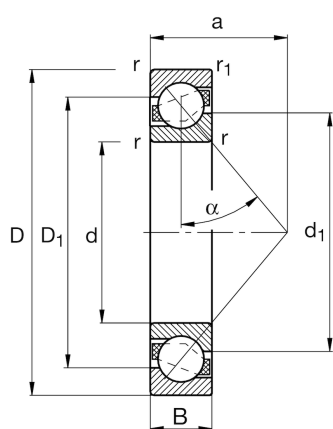
**7306-B-XL-TVP**

Angular contact ball bearing

Schaeffler ID:  
0167259050000Angular contact ball bearing 73..-B-XL-  
TVP, single row, X-life, plastic cage

X-life

## Technical information



## Dimensions

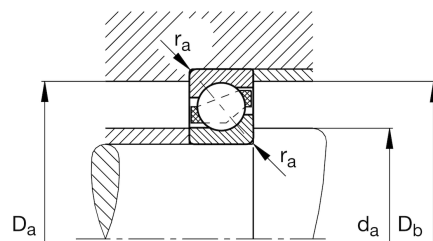
$r_{\min}$	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension
$D_1$	55,9 mm	Shoulder diameter on outer ring wide side face
$d_1$	47,1 mm	Shoulder diameter on inner ring wide side face
a	31 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle
	0,342 kg	Weight

## Main Dimensions &amp; Performance Data

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	19 mm	Width
$C_r$	37.500 N	Basic dynamic load rating, radial
$C_{0r}$	22.100 N	Basic static load rating, radial
$C_{ur}$	1.530 N	Fatigue load limit, radial
$n_G$	13.500 1/min	Limiting speed
$n_{\vartheta r}$	8.600 1/min	Reference speed

## Mounting dimensions

$d_{a\min}$	37 mm	Minimum diameter of shaft shoulder
$D_{a\max}$	65 mm	Maximum diameter of housing shoulder
$D_{b\max}$	67,8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a\max}$	1 mm	Maximum fillet radius of shaft
$r_{a1\max}$	0,6 mm	Maximum fillet radius of housing



**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.