



FAG

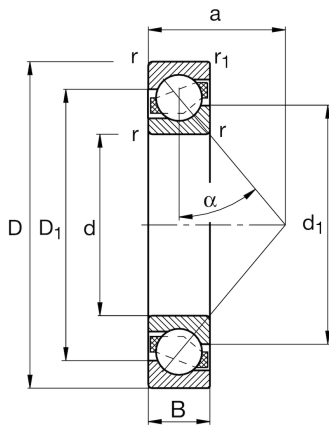
**7200-B-XL-TVP**

Angular contact ball bearing

Schaeffler ID:  
0167249330000Angular contact ball bearing 72..-B-XL-  
TVP, single row, X-life, plastic cage

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
$C_r$	5.600 N	Basic dynamic load rating, radial
$C_{0r}$	2.600 N	Basic static load rating, radial
$C_{ur}$	179 N	Fatigue load limit, radial
$n_G$	37.500 1/min	Limiting speed
$n_{gr}$	22.600 1/min	Reference speed
	0,032 kg	Weight

## Additional information

$r_{min}$	0,6 mm	Minimum chamfer dimension
$r_{1 min}$	0,3 mm	Minimum chamfer dimension
$D_1$	22 mm	Shoulder diameter on outer ring wide side face
$d_1$	18,3 mm	Shoulder diameter on inner ring wide side face
a	13 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	14,2 mm	Minimum diameter of shaft shoulder
$D_{a max}$	25,8 mm	Maximum diameter of housing shoulder
$D_{b max}$	27,6 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	0,6 mm	Maximum fillet radius of shaft
$r_{a1 max}$	0,3 mm	Maximum fillet radius of housing

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

