

FAG

## ★ 7303-B-XL-TVP

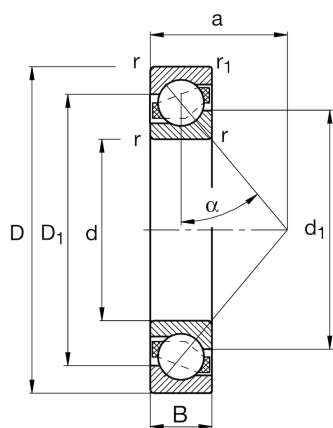
Angular contact ball bearing

Schaeffler ID:  
0167258080000Angular contact ball bearing 73..-B-XL-  
TVP, single row, X-life, plastic cage

★ Preferred product

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
$C_r$	18.700 N	Basic dynamic load rating, radial
$C_{0r}$	9.000 N	Basic static load rating, radial
$C_{ur}$	620 N	Fatigue load limit, radial
$n_G$	21.600 1/min	Limiting speed
$n_{gr}$	12.800 1/min	Reference speed
	0,112 kg	Weight

## Additional information

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
$D_1$	35,5 mm	Shoulder diameter on outer ring wide side face
$d_1$	29,2 mm	Shoulder diameter on inner ring wide side face
a	20 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	22,6 mm	Minimum diameter of shaft shoulder
$D_{a max}$	41,4 mm	Maximum diameter of housing shoulder
$D_{b max}$	42,8 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

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

