



FAG

## ★ 7301-B-XL-JP

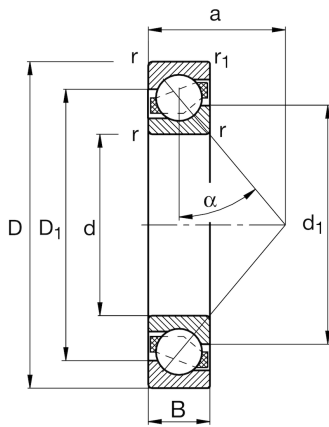
Angular contact ball bearing

Schaeffler ID:  
0167257780000Angular contact ball bearing 73..-B-XL-JP,  
single row, X-life, steel sheet metal cage

★ Preferred product

X-life

## Technical information



## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.
	0,063 kg	Weight

## Main Dimensions &amp; Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
$C_r$	12.200 N	Basic dynamic load rating, radial
$C_{0r}$	5.300 N	Basic static load rating, radial
$C_{ur}$	365 N	Fatigue load limit, radial
$n_G$	28.000 1/min	Limiting speed
$n_{gr}$	16.300 1/min	Reference speed

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1min}$	0,6 mm	Minimum chamfer dimension
$D_1$	27,2 mm	Shoulder diameter on outer ring wide side face
$d_1$	22,3 mm	Shoulder diameter on inner ring wide side face
a	16 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{amin}$	17,6 mm	Minimum diameter of shaft shoulder
$D_{amax}$	31,4 mm	Maximum diameter of housing shoulder
$D_{bmax}$	32,8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{amax}$	1 mm	Maximum fillet radius of shaft
$r_{a1max}$	0,6 mm	Maximum fillet radius of housing

