



FAG

**7218-B-XL-TVP**

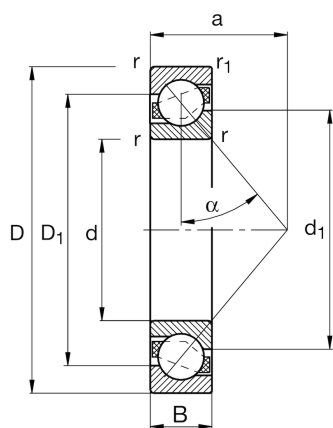
Angular contact ball bearing

Schaeffler ID:  
0190032000000

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

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
$C_r$	114.000 N	Basic dynamic load rating, radial
$C_{0r}$	98.000 N	Basic static load rating, radial
$C_{ur}$	6.100 N	Fatigue load limit, radial
$n_G$	5.500 1/min	Limiting speed
$n_{gr}$	4.550 1/min	Reference speed
	2,19 kg	Weight

## Additional information

$r_{min}$	2 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
$D_1$	133,4 mm	Shoulder diameter on outer ring wide side face
$d_1$	117,5 mm	Shoulder diameter on inner ring wide side face
a	67 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	101 mm	Minimum diameter of shaft shoulder
$D_{a max}$	149 mm	Maximum diameter of housing shoulder
$D_{b max}$	154,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

## Temperature range

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

