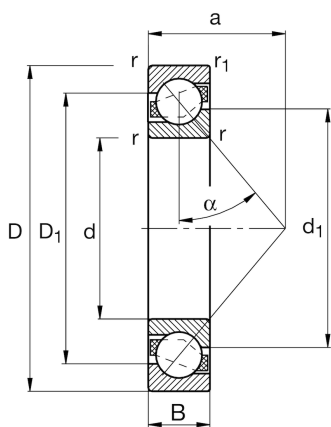
**7218-B-XL-TVP**

Angular contact ball bearing

Schaeffler ID:  
0190032000000Angular contact ball bearing 72..-B-XL-  
TVP, single row, X-life, plastic cage

## Technical information

**Main Dimensions & Performance Data**

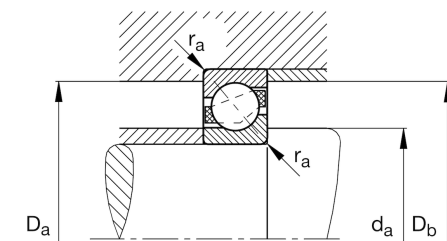
d	90,00 mm	Bore diameter
D	160,00 mm	Outside diameter
B	30,00 mm	Width
$C_r$	114.000,00 N	Basic dynamic load rating, radial
$C_{0r}$	98.000,00 N	Basic static load rating, radial
$C_{ur}$	6.100,00 N	Fatigue load limit, radial
$n_G$	5.500,00 1/min	Limiting speed
$n_{gr}$	4.550,00 1/min	Reference speed
	2,19 kg	Weight

**Mounting dimensions**

$d_{a \min}$	101,00 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	149,00 mm	Maximum diameter of housing shoulder
$D_{b \max}$	154,40 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,00 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1,00 mm	Maximum fillet radius of housing

**Dimensions**

$r_{\min}$	2,00 mm	Minimum chamfer dimension
$r_{1 \min}$	1,00 mm	Minimum chamfer dimension
$D_1$	133,40 mm	Shoulder diameter on outer ring wide side face
$d_1$	117,50 mm	Shoulder diameter on inner ring wide side face
a	67,00 mm	Distance between the apexes of the pressure cones
$\alpha$	40,00 °	Contact angle



**Temperature range**

T <sub>min</sub>	-30,00 °C	Operating temperature min.
T <sub>max</sub>	120,00 °C	Operating temperature max.