

FAG

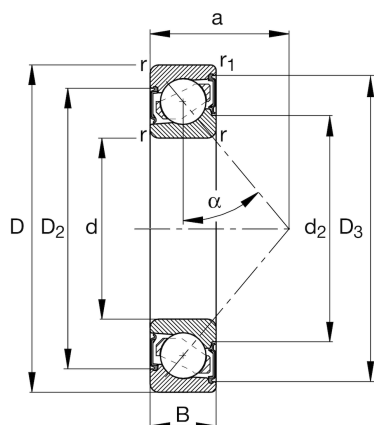
**7006-B-XL-2RS-TVP**

Angular contact ball bearing

Schaeffler ID:  
0206764680000Angular contact ball bearing 70..-B-  
XL-2RS-TVP, single row, X-life, seals,  
plastic cage

X-life

## Technical information



## Main Dimensions &amp; Performance Data

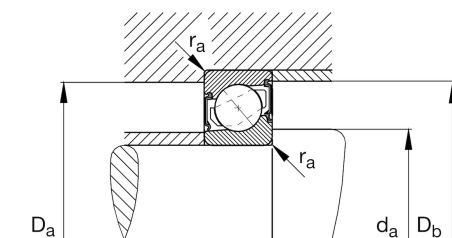
d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	13 mm	Width
$C_r$	19,900 N	Basic dynamic load rating, radial
$C_{0r}$	13,400 N	Basic static load rating, radial
$C_{ur}$	930 N	Fatigue load limit, radial
$n_G$	6,900 1/min	Limiting speed
	0.112 kg	Weight

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1min}$	0.6 mm	Minimum chamfer dimension
$D_1$	47.1 mm	Shoulder diameter on outer ring wide side face
$D_2$	47.7 mm	Caliber diameter on outer ring wide side face
$D_3$	51.9 mm	Caliber diameter on outer ring small side face
$d_1$	41.3 mm	Shoulder diameter on inner ring wide side face
$d_2$	38 mm	Caliber diameter on inner ring wide side face
a	24 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{amin}$	34.6 mm	Minimum diameter of shaft shoulder
$D_{amax}$	50.4 mm	Maximum diameter of housing shoulder
$D_{bmax}$	51.8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{amax}$	1 mm	Maximum fillet radius of shaft
$r_{a1max}$	0.6 mm	Maximum fillet radius of housing



**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	110 °C	Operating temperature max.