

FAG

## ★ 7205-B-XL-2RS-TVP

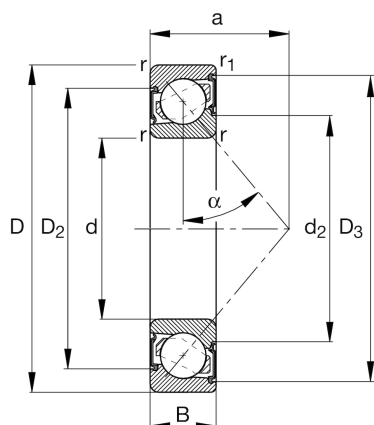
Angular contact ball bearing

Schaeffler ID:  
0206765730000Angular contact ball bearing 72..-B-  
XL-2RS-TVP, single row, X-life, seals,  
plastic cage

★ Preferred product

X-life

## Technical information



## Temperature range

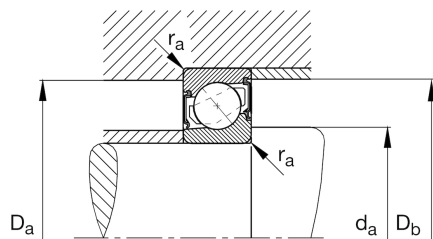
$T_{min}$	-20 °C	Operating temperature min.
$T_{max}$	110 °C	Operating temperature max.
	0,128 kg	Weight

## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
$C_r$	16.200 N	Basic dynamic load rating, radial
$C_{0r}$	9.000 N	Basic static load rating, radial
$C_{ur}$	620 N	Fatigue load limit, radial
$n_G$	8.000 1/min	Limiting speed

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1min}$	0,6 mm	Minimum chamfer dimension
$D_1$	42 mm	Shoulder diameter on outer ring wide side face
$D_2$	44,1 mm	Caliber diameter on outer ring wide side face
$D_3$	48 mm	Caliber diameter on outer ring small side face
$d_1$	35,5 mm	Shoulder diameter on inner ring wide side face
$d_2$	31,8 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**

$d_{a \min}$	30,6 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	46,4 mm	Maximum diameter of housing shoulder
$D_{b \max}$	47,8 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