

FAG

## ★ 7305-B-XL-2RS-TVP

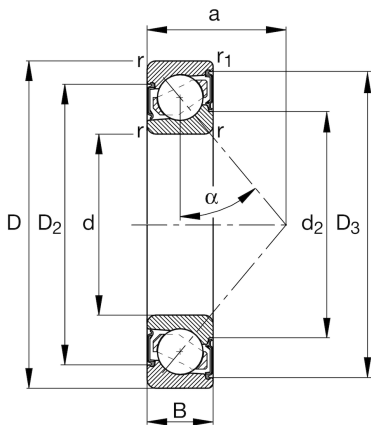
Angular contact ball bearing

Schaeffler ID:  
0206766890000Angular contact ball bearing 73..-B-  
XL-2RS-TVP, single row, X-life, seals,  
plastic cage

★ Preferred product

X-life

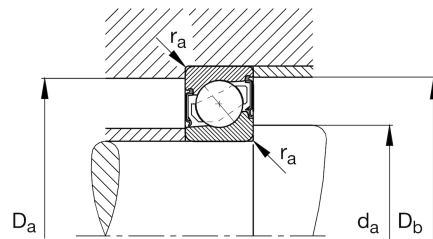
## Technical information



## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
$C_r$	30.000 N	Basic dynamic load rating, radial
$C_{0r}$	15.800 N	Basic static load rating, radial
$C_{ur}$	1.100 N	Fatigue load limit, radial
$n_G$	7.100 1/min	Limiting speed
	0,23 kg	Weight

## Dimensions



$r_{min}$	1,1 mm	Minimum chamfer dimension
$r_{1min}$	0,6 mm	Minimum chamfer dimension
$D_1$	48 mm	Shoulder diameter on outer ring wide side face
$D_2$	50,3 mm	Caliber diameter on outer ring wide side face
$D_3$	57,1 mm	Caliber diameter on outer ring small side face
$d_1$	39,9 mm	Shoulder diameter on inner ring wide side face
$d_2$	36,2 mm	Caliber diameter on inner ring wide side face
a	27 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{amin}$	32 mm	Minimum diameter of shaft shoulder
$D_{amax}$	55 mm	Maximum diameter of housing shoulder
$D_{bmax}$	57,8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{amax}$	1 mm	Maximum fillet radius of shaft
$r_{a1max}$	0,6 mm	Maximum fillet radius of housing

**Additional information**

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