

FAG

**7308-B-XL-2RS-TVP**

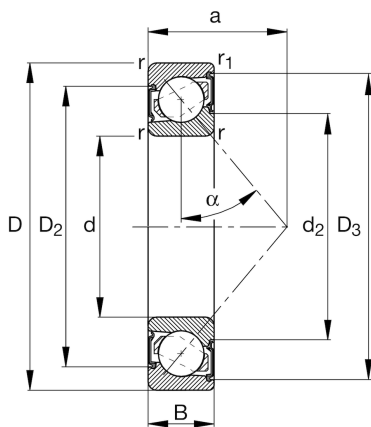
Angular contact ball bearing

Schaeffler ID:  
0390296700000

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

X-life

## Technical information



## Main Dimensions &amp; Performance Data

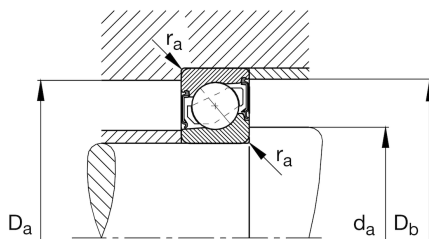
d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
$C_r$	57.000 N	Basic dynamic load rating, radial
$C_{0r}$	34.500 N	Basic static load rating, radial
$C_{ur}$	2.390 N	Fatigue load limit, radial
$n_G$	4.650 1/min	Limiting speed
	0,631 kg	Weight

## Additional information

$r_{min}$	1,5 mm	Minimum chamfer dimension
$r_{1min}$	1 mm	Minimum chamfer dimension
$D_1$	71,3 mm	Shoulder diameter on outer ring wide side face
$D_2$	73,9 mm	Caliber diameter on outer ring wide side face
$D_3$	83,3 mm	Caliber diameter on outer ring small side face
$d_1$	60 mm	Shoulder diameter on inner ring wide side face
$d_2$	55,6 mm	Caliber diameter on inner ring wide side face
a	39 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	49 mm	Minimum diameter of shaft shoulder
$D_{a max}$	81 mm	Maximum diameter of housing shoulder
$D_{b max}$	84,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	1,5 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing



**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	100 °C	Operating temperature max.