

FAG

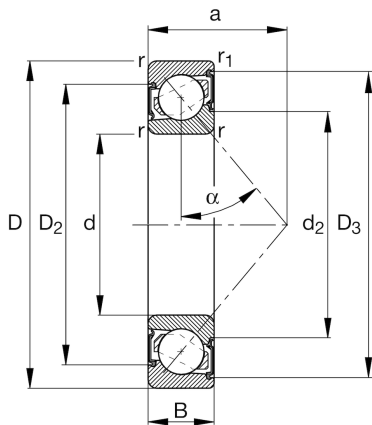
**7304-B-XL-2RS-TVP**

Angular contact ball bearing

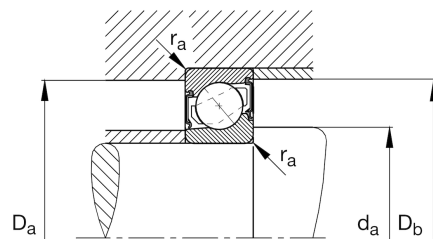
Schaeffler ID:  
0206766700000Angular contact ball bearing 73..-B-  
XL-2RS-TVP, single row, X-life, seals,  
plastic cage

X-life

## Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
$C_r$	21.700 N	Basic dynamic load rating, radial
$C_{0r}$	11.100 N	Basic static load rating, radial
$C_{ur}$	770 N	Fatigue load limit, radial
$n_G$	8.600 1/min	Limiting speed
	0,148 kg	Weight

**Dimensions**

$r_{min}$	1,1 mm	Minimum chamfer dimension
$r_{1min}$	0,6 mm	Minimum chamfer dimension
$D_1$	39,7 mm	Shoulder diameter on outer ring wide side face
$D_2$	41,4 mm	caliber diameter on outer ring wide side face
$D_3$	47,1 mm	caliber diameter on outer ring small side face
$d_1$	33 mm	Shoulder diameter on inner ring wide side face
$d_2$	30 mm	caliber diameter on inner ring wide side face
a	23 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

**Mounting dimensions**

$d_{a min}$	27 mm	Minimum diameter of shaft shoulder
$D_{a max}$	45 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

**Temperature range**

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