

FAG

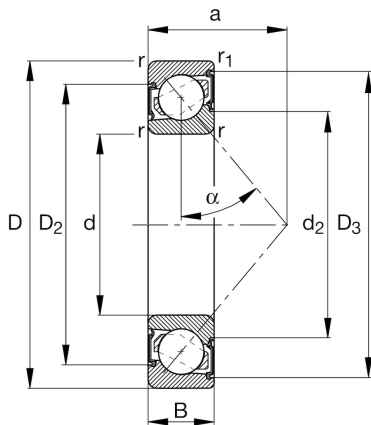
**7204-B-XL-2RS-TVP**

Angular contact ball bearing

Schaeffler ID:  
0206765650000Angular contact ball bearing 72..-B-  
XL-2RS-TVP, single row, X-life, seals,  
plastic cage

X-life

## Technical information

**Main Dimensions & Performance Data**

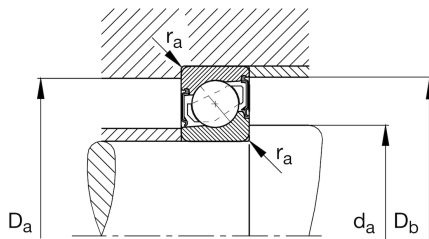
d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
$C_r$	14,900 N	Basic dynamic load rating, radial
$C_{0r}$	7,800 N	Basic static load rating, radial
$C_{ur}$	540 N	Fatigue load limit, radial
$n_G$	9,500 1/min	Limiting speed
	0.11 kg	Weight

**Dimensions**

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1min}$	0.6 mm	Minimum chamfer dimension
$D_1$	37 mm	Shoulder diameter on outer ring wide side face
$D_2$	39.2 mm	Caliber diameter on outer ring wide side face
$D_3$	43 mm	Caliber diameter on outer ring small side face
$d_1$	30.5 mm	Shoulder diameter on inner ring wide side face
$d_2$	26.8 mm	Caliber diameter on inner ring wide side face
a	21 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

**Mounting dimensions**

$d_{amin}$	25.6 mm	Minimum diameter of shaft shoulder
$D_{amax}$	41.4 mm	Maximum diameter of housing shoulder
$D_{bmax}$	42.8 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.