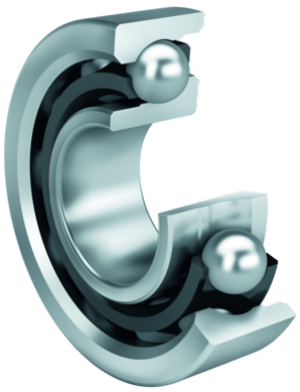


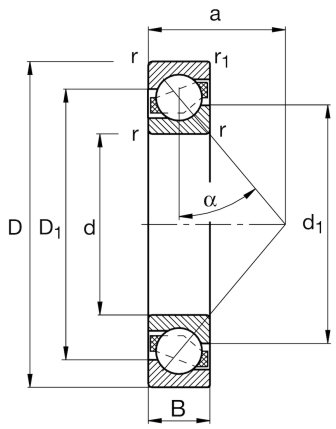

# 7317-B-XL-TVP-UA

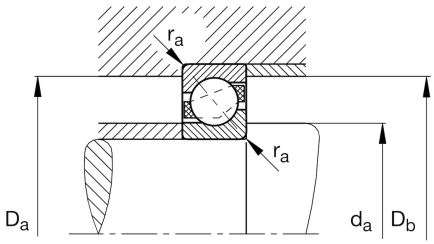
Angular contact ball bearing

Schaeffler ID:
0167264130000

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

## Technical information




### Main Dimensions & Performance Data

| | | |
|---|---|---|
| d | 85 mm | Bore diameter |
| D | 180 mm | Outside diameter |
| B | 41 mm | Width |
| $C_r$ | 167.000 N | Basic dynamic load rating, radial |
| $C_{0r}$ | 138.000 N | Basic static load rating, radial |
| $C_{ur}$ | 8.300 N | Fatigue load limit, radial |
| $n_G$ | 4.900 1/min | Limiting speed |
| $n_{\vartheta r}$ | 4.100 1/min | Reference speed |
| | 4,26 kg | Weight |

### Mounting dimensions

| | | |
|---|---|---|
| $d_{a\ min}$ | 99 mm | Minimum diameter of shaft shoulder |
| $D_{a\ max}$ | 166 mm | Maximum diameter of housing shoulder |
| $D_{b\ max}$ | 173 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 2,5 mm | Maximum fillet radius of shaft |
| $r_{a1\ max}$ | 1 mm | Maximum fillet radius of housing |

### Dimensions

| | | |
|---|---|---|
| $r_{min}$ | 3 mm | Minimum chamfer dimension |
| $r_{1\ min}$ | 1,1 mm | Minimum chamfer dimension |
| $D_1$ | 144 mm | Shoulder diameter on outer ring wide side face |
| $d_1$ | 122 mm | Shoulder diameter on inner ring wide side face |
| a | 76 mm | Distance between the apexes of the pressure cones |
| α | 40 ° | Contact angle |

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

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## Temperature range

| | | |
|---|---|---|
| $T_{min}$ | -30 °C | Operating temperature min. |
| $T_{max}$ | 120 °C | Operating temperature max. |

## Additional information

| | | |
|---|---|---|
| $A_{min}$ | 54 µm | Axial clearance per set min. |
| $Tol_{(+)}$ | 12 µm | Tolerance for axial clearance or preload per set |

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