



FAG

## ★ 7208-B-XL-TVP

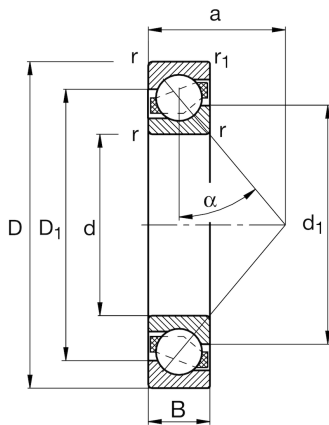
Angular contact ball bearing

Schaeffler ID:  
0167251740000Angular contact ball bearing 72..-B-XL-  
TVP, single row, X-life, plastic cage

★ Preferred product

X-life

## Technical information



## Temperature range

|           |          |                            |
|-----------|----------|----------------------------|
| $T_{min}$ | -30 °C   | Operating temperature min. |
| $T_{max}$ | 120 °C   | Operating temperature max. |
|           | 0,367 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|          |              |                                   |
|----------|--------------|-----------------------------------|
| d        | 40 mm        | Bore diameter                     |
| D        | 80 mm        | Outside diameter                  |
| B        | 18 mm        | Width                             |
| $C_r$    | 36.000 N     | Basic dynamic load rating, radial |
| $C_{0r}$ | 23.500 N     | Basic static load rating, radial  |
| $C_{ur}$ | 1.630 N      | Fatigue load limit, radial        |
| $n_G$    | 11.900 1/min | Limiting speed                    |
| $n_{gr}$ | 8.600 1/min  | Reference speed                   |

## Dimensions

|             |         |   |
|-------------|---------|---|
| $r_{min}$   | 1,1 mm  | Minimum chamfer dimension                         |
| $r_{1 min}$ | 0,6 mm  | Minimum chamfer dimension                         |
| $D_1$       | 64,4 mm | Shoulder diameter on outer ring wide side face    |
| $d_1$       | 56,4 mm | Shoulder diameter on inner ring wide side face    |
| a           | 34 mm   | Distance between the apexes of the pressure cones |
| $\alpha$    | 40 °    | Contact angle                                     |

## Mounting dimensions

|              |         |   |
|--------------|---------|---|
| $d_{a min}$  | 47 mm   | Minimum diameter of shaft shoulder        |
| $D_{a max}$  | 73 mm   | Maximum diameter of housing shoulder      |
| $D_{b max}$  | 75,8 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          |

