

FAG

QJ306-XL-TVP-C3

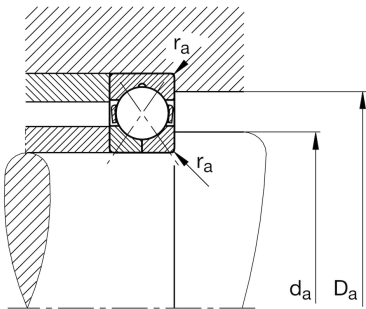
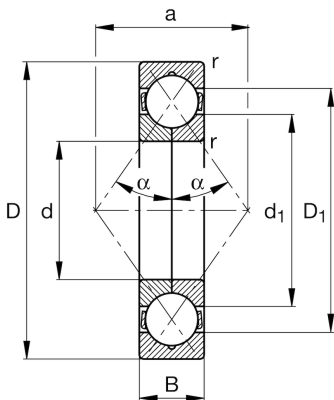
Four-point contact bearing

Schaeffler ID:  
0167424600030

Four point contact bearing QJ3..-XL-TVP,  
X-life, plastic cage

X-life

Technical information



Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 30 mm        | Bore diameter                     |
| D               | 72 mm        | Outside diameter                  |
| B               | 19 mm        | Width                             |
| C <sub>r</sub>  | 61.000 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 43.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 3.000 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 13.100 1/min | Limiting speed                    |
| n <sub>gr</sub> | 7.600 1/min  | Reference speed                   |
|                 | 366 g        | Weight                            |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 37 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 65 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm  | Maximum fillet radius                |

Dimensions

|                  |        |                                                   |
|------------------|--------|---------------------------------------------------|
| r <sub>min</sub> | 1,1 mm | Minimum chamfer dimension                         |
| D <sub>1</sub>   | 58 mm  | Shoulder diameter outer ring                      |
| d <sub>1</sub>   | 44 mm  | Shoulder diameter inner ring                      |
| a                | 36 mm  | Distance between the apexes of the pressure cones |
| α                | 35 °   | Contact angle                                     |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |