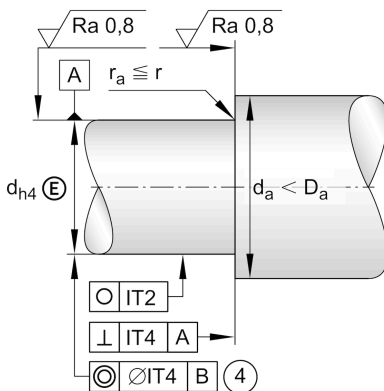
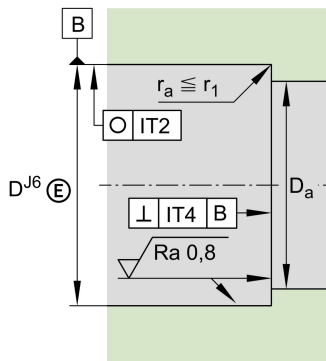
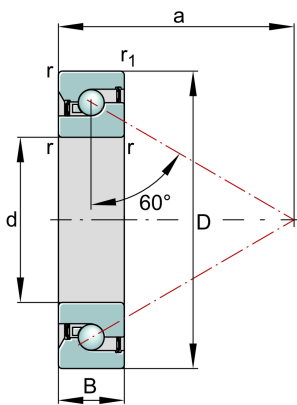


## Technical information



## Main Dimensions & Performance Data

|                        |             |                                       |
|------------------------|-------------|---------------------------------------|
| d                      | 35 mm       | Bore diameter                         |
|                        | 0 mm        | Bore diameter upper tolerance         |
|                        | -0,006 mm   | Bore diameter lower tolerance         |
| D                      | 72 mm       | Outside diameter                      |
|                        | 0 mm        | Outside diameter upper tolerance      |
|                        | -0,007 mm   | Outside diameter lower tolerance      |
| B                      | 15 mm       | Width                                 |
|                        | 0 mm        | Width upper tolerance                 |
|                        | -0,12 mm    | Width lower tolerance                 |
| $C_a$                  | 40.500 N    | Basic dynamic load rating, axial      |
| $C_{0a}$               | 89.000 N    | Basic static load rating, axial       |
| $C_{ua}$               | 5.400 N     | Fatigue load limit, axial             |
| $n_{G \text{ Grease}}$ | 5.400 1/min | Limiting speed for grease lubrication |
| $n_g$                  | 4.700 1/min | Thermally safe operating speed        |
| $\approx m$            | 0,285 kg    | Weight                                |

## Mounting dimensions

|       |       |                               |
|-------|-------|-------------------------------|
| $D_a$ | 65 mm | Diameter of housing           |
| $D_a$ | H12   | Diameter of housing clearance |
| $d_a$ | 47 mm | Diameter shaft                |
| $d_a$ | h12   | Diameter shaft clearance      |

## Dimensions

|              |         |   |
|--------------|---------|---|
| $r_{\min}$   | 1 mm    | Minimum chamfer dimension                         |
| $r_{1 \min}$ | 0,6 mm  | Minimum chamfer dimension                         |
| a            | 48,5 mm | Distance between the apexes of the pressure cones |
| $\alpha$     | 60 °    | Contact angle                                     |

**Temperature range**

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

**Additional information**

|          |            |   |
|----------|------------|---|
| $M_R$    | 0,18 Nm    | Bearing frictional torque                                   |
| $c_{aL}$ | 1.196 N/μm | Rigidity axial  |
|          | 2,5 μm     | Axial runout  |
|          | ZM35       | Recommended INA precision locknut for radial locking        |
|          | AM35       | Recommended INA precision locknut for axial locking         |
| $M_A$    | 50 Nm      | Tightening torque for the recommended INA precision locknut |
|          | 15.220 N   | Required locknut force axial                                |