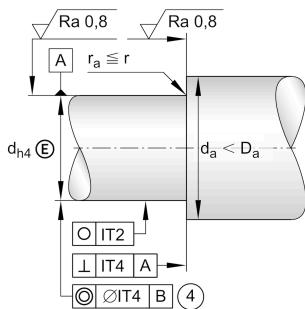
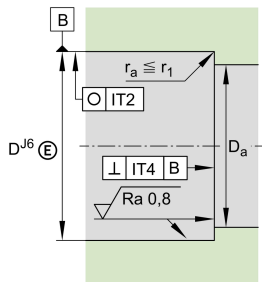


**FAG****7602030-TVP** [↗](#)

Axial angular contact ball bearing

Axial angular contact ball bearing 7602...-TVP,
single direction, no screw mounting

Technical information



Your current product variant

| | | |
|-------------------------|----------|----------------|
| Cage | TVP | Plastic cage |
| Type of Seal | Without | |
| Arrangement bearing set | Standard | Single bearing |
| Lubricant | Without | Not greased |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|---------------------------------------|
| d | 30 mm | Bore diameter |
| | 0 mm | Bore diameter upper tolerance |
| | -0,005 mm | Bore diameter lower tolerance |
| D | 62 mm | Outside diameter |
| | 0 mm | Outside diameter upper tolerance |
| | -0,007 mm | Outside diameter lower tolerance |
| B | 16 mm | Width |
| | 0 mm | Width upper tolerance |
| | -0,12 mm | Width lower tolerance |
| C_a | 27.500 N | Basic dynamic load rating, axial |
| C_{0a} | 66.000 N | Basic static load rating, axial |
| C_{ua} | 3.000 N | Fatigue load limit, axial |
| n_G Grease | 6.700 1/min | Limiting speed for grease lubrication |
| n_g | 3.800 1/min | Thermally safe operating speed |
| $\approx m$ | 0,235 kg | Weight |



Mounting dimensions

| | | |
|-------|---------|-------------------------------|
| D_a | 52,5 mm | Diameter of housing |
| D_a | H12 | Diameter of housing clearance |
| d_a | 39,5 mm | Diameter shaft |
| d_a | h12 | Diameter shaft clearance |

Dimensions

| | | |
|-------------|-------|---|
| r_{min} | 1 mm | Minimum chamfer dimension |
| $r_{1 min}$ | 1 mm | Minimum chamfer dimension |
| a | 48 mm | Distance between the apexes of the pressure cones |
| α | 60 ° | Contact angle |

Temperature range

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

Additional information

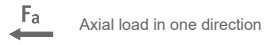
| | | |
|----------|----------|---|
| M_R | 0,09 Nm | Bearing frictional torque |
| c_{aL} | 893 N/μm | Rigidity axial |
| | 2 μm | Axial runout |
| | ZM30 | Recommended INA precision locknut for radial locking |
| | AM30 | Recommended INA precision locknut for axial locking |
| M_A | 32 Nm | Tightening torque for the recommended INA precision locknut |
| | 10.240 N | Required locknut force axial |



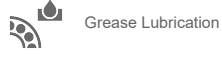
Characteristics



Radial load



Axial load in one direction



Grease Lubrication



Not sealed