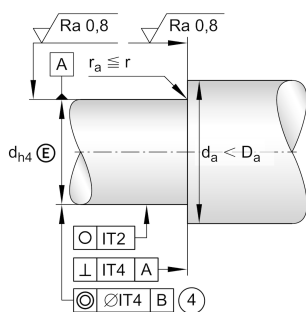
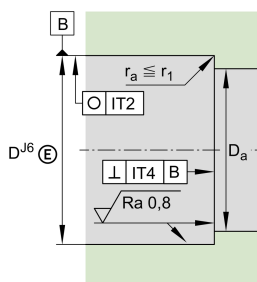
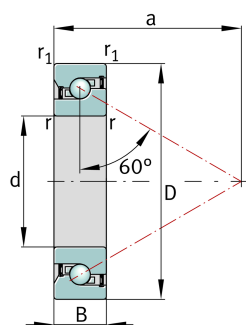
**FAG****7602015-2RS-TVP**

## Axial angular contact ball bearing

Axial angular contact ball bearings  
7602...-2RS, single direction, with contact  
angle  $\alpha = 60^\circ$ , restricted tolerances, lip seals  
on both sides

## Informacje techniczne



## Twoja aktualna wersja produktu

|                         |          |                                 |
|-------------------------|----------|---------------------------------|
| Cage                    | TVP      | Plastic cage                    |
| Sealing                 | 2RS      | Contact lip seals on both sides |
| Arrangement bearing set | Standard | Single bearing                  |
| Lubricant               | Without  | Not greased                     |

## Main Dimensions &amp; Performance Data

|                          |             |                                       |
|--------------------------|-------------|---------------------------------------|
| d                        | 15 mm       | Bore diameter                         |
|                          | 0 mm        | Bore diameter upper tolerance         |
|                          | -0,004 mm   | Bore diameter lower tolerance         |
| D                        | 35 mm       | Outside diameter                      |
|                          | 0 mm        | Outside diameter upper tolerance      |
|                          | -0,006 mm   | Outside diameter lower tolerance      |
| B                        | 11 mm       | Width                                 |
|                          | 0 mm        | Width upper tolerance                 |
|                          | -0,08 mm    | Width lower tolerance                 |
| C <sub>a</sub>           | 13.100 N    | Basic dynamic load rating, axial      |
| C <sub>0a</sub>          | 24.700 N    | Basic static load rating, axial       |
| C <sub>ua</sub>          | 1.120 N     | Fatigue load limit, axial             |
| n <sub>G</sub><br>Grease | 9.000 1/min | Limiting speed for grease lubrication |
| n <sub>g</sub>           | 6.700 1/min | Thermally safe operating speed        |
| m                        | 50 g        | Masa                                  |



Mounting dimensions

|                |         |                               |
|----------------|---------|-------------------------------|
| D <sub>a</sub> | 30 mm   | Diameter of housing           |
| D <sub>a</sub> | H12     | Diameter of housing clearance |
| d <sub>a</sub> | 20,5 mm | Diameter shaft                |
| d <sub>a</sub> | h12     | Diameter shaft clearance      |

Dimensions

|                    |         |                                                   |
|--------------------|---------|---------------------------------------------------|
| r <sub>min</sub>   | 0,6 mm  | Minimum chamfer dimension                         |
| r <sub>1 min</sub> | 0,6 mm  | Minimum chamfer dimension                         |
| a                  | 27,5 mm | Distance between the apexes of the pressure cones |
| α                  | 60 °    | Contact angle                                     |

Temperature range

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

Additional information

|                 |          |                                                             |
|-----------------|----------|-------------------------------------------------------------|
| M <sub>R</sub>  | 0,02 Nm  | Bearing frictional torque                                   |
| c <sub>aL</sub> | 516 N/μm | Rigidity axial                                              |
|                 | 2 μm     | Axial runout                                                |
|                 | ZM15     | Recommended INA precision locknut for radial locking        |
|                 | AM15     | Recommended INA precision locknut for axial locking         |
| M <sub>A</sub>  | 10 Nm    | Tightening torque for the recommended INA precision locknut |
|                 | 5.740 N  | Required locknut force axial                                |



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne