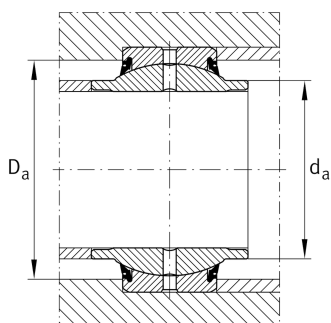
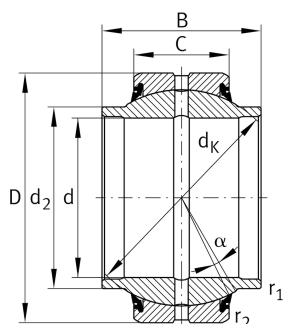


**GE70-HO-2RS-E**

## Spherical plain bearing

High performance Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, cylindrical extensions on inner ring, sealed

## Informacje techniczne



## Twoja aktualna wersja produktu

|                           |                      |                                                                    |
|---------------------------|----------------------|--------------------------------------------------------------------|
| Maintenance               | Maintenance required |                                                                    |
| Material                  | Steel                |                                                                    |
| Type of Seal              | 2RS                  | Lip seals on both sides                                            |
| Radial internal clearance | CN (Group N)         | Normal internal clearance                                          |
| Coating                   | Durotect M           | Inner- and outer ring coated with Durotect M (Manganese Phosphate) |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 70 mm       | Bore diameter bearing             |
| D               | 105 mm      | Outside diameter bearing          |
| B               | 65 mm       | Width inner ring                  |
| C <sub>r</sub>  | 313.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 1.560.000 N | Basic static load rating, radial  |
| ≈m              | 1,6 kg      | Masa                              |

## Mounting dimensions

|                    |        |                               |
|--------------------|--------|-------------------------------|
| r <sub>1smin</sub> | 0,3 mm | Edge Spacing                  |
| r <sub>2smin</sub> | 1 mm   | Edge Spacing                  |
| d <sub>a max</sub> | 78 mm  | Connection measure Inner ring |
| D <sub>a min</sub> | 87 mm  | Housing Connection Diameter   |



Dimensions

|                   |               |                                        |
|-------------------|---------------|----------------------------------------|
| C                 | 40 mm         | Width Outer ring                       |
| d <sub>K</sub>    | 92 mm         | Ball diameter                          |
| α                 | 3 °           | Tilt angle                             |
| d <sub>OT</sub>   | 0 mm          | Bore diameter bearing, upper tolerance |
| d <sub>UT</sub>   | -0,015 mm     | Bore diameter bearing, lower tolerance |
| d <sub>T</sub>    | 0,015         | Bore diameter bearing, tolerance       |
| D <sub>OT</sub>   | 0 mm          | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,015 mm     | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0,3 mm        | Width inner ring, upper tolerance      |
| B <sub>UT</sub>   | -0,3 mm       | Width inner ring, lower tolerance      |
| C <sub>OT</sub>   | 0 mm          | Width outer ring, upper tolerance      |
| C <sub>UT</sub>   | -0,4 mm       | Width outer ring, lower tolerance      |
| G <sub>r</sub>    | 0,072 - 0,142 | Radial Clearance                       |
| G <sub>rmax</sub> | 0,142 mm      | Radial clearance, maximum              |
| G <sub>rmin</sub> | 0,072 mm      | Radial clearance, minimum              |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 130 °C | Operating temperature max. |



## Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Uszczelnienie dwustronne



Nieosiowość statyczna



Nieosiowość dynamiczna