

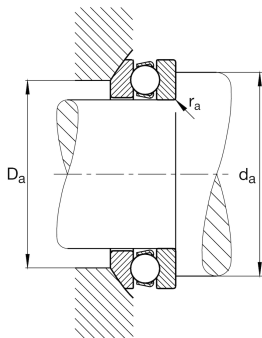
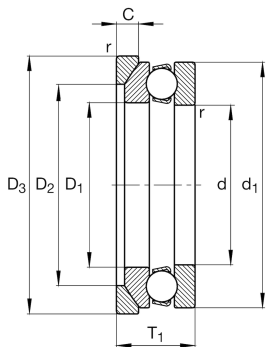
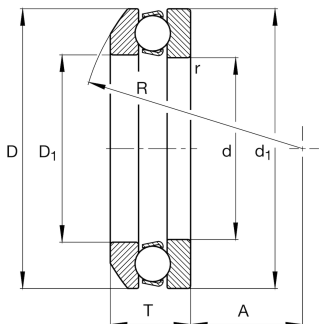
FAG

53211

Axial deep groove ball bearing

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

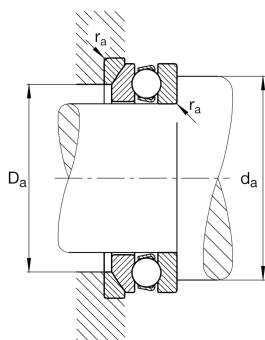
|                                  |    |                                         |
|----------------------------------|----|-----------------------------------------|
| Cage                             | JP | Steel sheet metal                       |
| Tolerance class                  | PN | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | S0 | Rings dimensional stabilized up to 150° |

Main Dimensions & Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 55 mm       | Inner diameter shaft washer      |
| D               | 90 mm       | Outer diameter housing washer    |
| T               | 27,3 mm     | Height                           |
| C <sub>a</sub>  | 58.000 N    | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 133.000 N   | Basic static load rating, axial  |
| C <sub>ua</sub> | 6.000 N     | Fatigue load limit, axial        |
| n <sub>G</sub>  | 4.350 1/min | Limiting speed                   |
| n <sub>gr</sub> | 5.700 1/min | Reference speed                  |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 76 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 72 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm  | Maximum filled radius                |



### Dimensions

|            |       |                                 |
|------------|-------|---------------------------------|
| $r_{\min}$ | 1 mm  | Minimum chamfer dimension       |
| $D_1$      | 57 mm | Inner diameter housing washer   |
| $d_1$      | 90 mm | Outer diameter shaft washer     |
| $R$        | 72 mm | Radius spherical housing washer |
| $A$        | 35 mm | Distance of the center point    |
| $T_1$      | 30 mm | Height with seat washer         |
| $D_2$      | 72 mm | Bore diameter seat washer       |
| $D_3$      | 95 mm | Outside diameter seat washer    |
| $C$        | 9 mm  | Height seat washer              |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 150 °C | Operating temperature max. |

### Calculation factors

|     |      |                     |
|-----|------|---------------------|
| $A$ | 0,11 | Minimum load factor |
|-----|------|---------------------|

### Additional information

|      |             |
|------|-------------|
| U211 | Seat washer |
|------|-------------|

### Właściwości

|  |                                   |
|--|-----------------------------------|
|  | Obciążenie osiowe jednokierunkowe |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |
|  | Nieosiowość statyczna             |