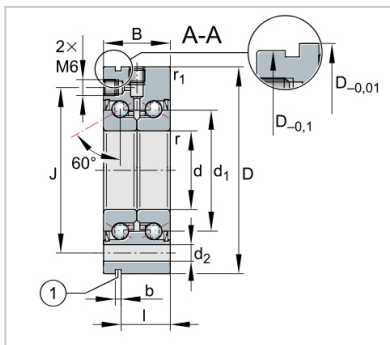


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF1560-2RS-PE



|                                     |                        |
|-------------------------------------|------------------------|
| Designation                         | <b>ZKLF1560-2RS-PE</b> |
| Mass $m = \text{kg}$                | 0.43                   |
| Dimensions                          |                        |
| d -0,005                            | <b>15</b>              |
| D -0,01                             | <b>60</b>              |
| B -0,25                             | 25                     |
| d1                                  | 28                     |
| r min.                              | 0.3                    |
| r1 min.                             | 0.6                    |
| J                                   | 46                     |
| d2                                  | 6.8                    |
| b                                   | 3                      |
| l                                   | 17                     |
| Pitch $n \times t$                  | $3 \times 120^\circ$   |
| Mounting dimensions                 |                        |
| Da max.                             | 35                     |
| da min.                             | 20                     |
| t1                                  | 0.1                    |
| Fixing screws                       | DIN EN ISO 4762 10.9   |
| Size                                | M6                     |
| $n \times t_a$                      | $3 \times 120^\circ$   |
| Basic load ratings axial            |                        |
| dyn. Ca N                           | 17900                  |
| stat. C0a N                         | 28000                  |
| Fatigue limit load $Cu$             | 1240                   |
| N                                   |                        |
| Limiting speed $nG$                 | 8200                   |
| grease min-1                        |                        |
| Thermally safe                      | 3500                   |
| operating speed $nP$                |                        |
| min-1                               |                        |
| Bearing frictional torque           | 0.2                    |
| MR Nm                               |                        |
| Rigidity axial caL N/ $\mu\text{m}$ | 400                    |
| Tilting rigidity ckL                | 65                     |
| Mass moment of inertia              | 0.102                  |
| Mm                                  |                        |
| Axial runout $\mu\text{m}$          | <b>5</b>               |
| Recommended INA precision locknut   |                        |
| For radial locking                  | ZM15                   |
| For axial locking                   | AM15                   |
| Tightening torque MA                | 10                     |
| Nm                                  |                        |
| Required locknut force              | 5484                   |
| axial N                             |                        |