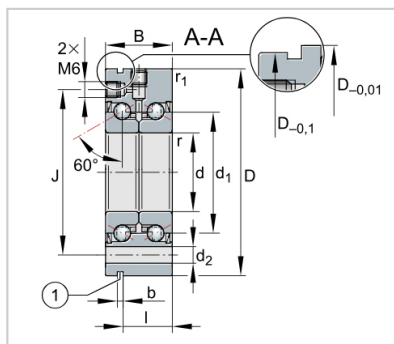


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

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



|                                   |                      |
|-----------------------------------|----------------------|
| Designation                       | <b>ZKLF1560-2RS</b>  |
| Mass $m = \text{kg}$              | 0.43                 |
| Dimensions                        |                      |
| d -0,005                          | 15                   |
| D -0,01                           | 60                   |
| 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×t                         | 3×120°               |
| Mounting dimensions               |                      |
| Da max.                           | 35                   |
| da min.                           | 20                   |
| t1                                | 0.1                  |
| Fixing screws                     | DIN EN ISO 4762 10.9 |
| Size                              | M6                   |
| n×ta                              | 3×120°               |
| Basic load ratings axial          |                      |
| dyn. Ca N                         | 19600                |
| stat. C0a N                       | 28000                |
| Fatigue limit load $Cu$           | 1650                 |
| 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/μm           | 400                  |
| Tilting rigidity ckL              | 65                   |
| Mass moment of inertia            | 0.102                |
| Mm                                |                      |
| Axial runout μm                   | <b>2</b>             |
| Recommended INA precision locknut |                      |
| For radial locking                | ZM15                 |
| For axial locking                 | AM15                 |
| Tightening torque MA              | 10                   |
| Nm                                |                      |
| Required locknut force            | 5484                 |
| axial N                           |                      |