

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLN Axial angular contact ball bearings-ZKLN3062-2Z



|                                     |                    |
|-------------------------------------|--------------------|
| Designation                         | <b>ZKLN3062-2Z</b> |
| Mass m = kg                         | 0.39               |
| Dimensions                          |                    |
| d                                   | <b>30</b>          |
| D -0,010                            | <b>62</b>          |
| B -0,25                             | 28                 |
| d1                                  | 45.5               |
| r min.                              | 0.3                |
| r1 min.                             | 0.6                |
| Mounting dimensions                 |                    |
| Da max.                             | 53                 |
| da min.                             | 40                 |
| Basic load ratings axial            |                    |
| dyn. Ca N                           | 32000              |
| stat. C0a N                         | 64000              |
| Fatigue limit load Cu N             | 3750               |
| Lim- iting speed nG                 | 6700               |
| grease min-1                        |                    |
| Thermally safe                      | 4300               |
| operating speed nP                  |                    |
| min-1                               |                    |
| Bearing frictional torque           | 0.25               |
| MR Nm                               |                    |
| Rigidity axial caL N/μm             | 850                |
| Tilting rigidity ckL                | 300                |
| Nm/mrad                             |                    |
| Mass moment of                      | 0.73               |
| inertia1) Mm kg · cm <sup>2</sup>   |                    |
| Axial runout1) μm                   | 2.5                |
| Recommended INA precision locknut2) |                    |
| For radial locking                  | ZM30               |
| Tightening torque4) MA AM30         |                    |
| Nm                                  |                    |
| Tightening torque4) MA 32           |                    |
| Nm                                  |                    |
| Required locknut                    | 9947               |
| force3) axial N                     |                    |