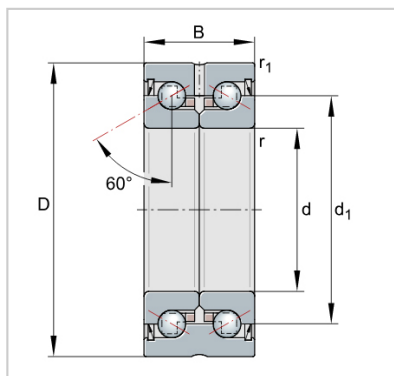


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLN Axial angular contact ball bearings-ZKLN2557-2RS-2AP



|                                     |                         |
|-------------------------------------|-------------------------|
| Designation                         | <b>ZKLN2557-2RS-2AP</b> |
| Mass m = kg                         | 0.68                    |
| Dimensions                          |                         |
| d                                   | <b>25</b>               |
| D -0,010                            | <b>57</b>               |
| B -0,25                             | 56                      |
| d1                                  | 40.5                    |
| r min.                              | 0.3                     |
| r1 min.                             | 0.6                     |
| Mounting dimensions                 |                         |
| Da max.                             | 48                      |
| da min.                             | 32                      |
| Basic load ratings axial            |                         |
| dyn. Ca N                           | 49000                   |
| stat. C0a N                         | 111000                  |
| Fatigue limit load Cu N             | 6500                    |
| Lim- iting speed nG                 | 5700                    |
| grease min-1                        |                         |
| Thermally safe                      | 2600                    |
| operating speed nP                  |                         |
| min-1                               |                         |
| Bearing frictional torque           | 0.6                     |
| MR Nm                               |                         |
| Rigidity axial caL N/μm             | 1300                    |
| Tilting rigidity ckL                | 450                     |
| Nm/mrad                             |                         |
| Mass moment of                      | 0.972                   |
| inertia1) Mm kg · cm <sup>2</sup>   |                         |
| Axial runout1) μm                   | <b>2</b>                |
| Recommended INA precision locknut2) |                         |
| For radial locking                  | ZMA25/45                |
| Tightening torque4) MA              | AM25                    |
| Nm                                  |                         |
| Tightening torque4) MA              | <b>25</b>               |
| Nm                                  |                         |
| Required locknut                    | 9123                    |
| force3) axial N                     |                         |