

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLN Axial angular contact ball bearings-ZKLN1747-2RS-PE



|                                     |                        |
|-------------------------------------|------------------------|
| Designation                         | <b>ZKLN1747-2RS-PE</b> |
| Mass m = kg                         | 0.22                   |
| Dimensions                          |                        |
| d                                   | <b>17</b>              |
| D -0,010                            | <b>47</b>              |
| B -0,25                             | 25                     |
| d1                                  | 30                     |
| r min.                              | 0.3                    |
| r1 min.                             | 0.6                    |
| Mounting dimensions                 |                        |
| Da max.                             | 37                     |
| da min.                             | 23                     |
| Basic load ratings axial            |                        |
| dyn. Ca N                           | 18800                  |
| stat. C0a N                         | 31000                  |
| Fatigue limit load Cu N             | 1380                   |
| Lim- iting speed nG                 | 7600                   |
| grease min-1                        |                        |
| Thermally safe                      | 3300                   |
| operating speed nP                  |                        |
| min-1                               |                        |
| Bearing frictional torque           | 0.24                   |
| MR Nm                               |                        |
| Rigidity axial caL N/μm             | 450                    |
| Tilting rigidity ckL                | 80                     |
| Nm/mrad                             |                        |
| Mass moment of                      | 0.132                  |
| inertia1) Mm kg · cm <sup>2</sup>   |                        |
| Axial runout1) μm                   | 5                      |
| Recommended INA precision locknut2) |                        |
| For radial locking                  | ZM17                   |
| Tightening torque4) MA AM17         |                        |
| Nm                                  |                        |
| Tightening torque4) MA 15           |                        |
| Nm                                  |                        |
| Required locknut                    | 7514                   |
| force3) axial N                     |                        |