

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLN Axial angular contact ball bearings-ZKLN80130-2Z



|                                     |                     |
|-------------------------------------|---------------------|
| Designation                         | <b>ZKLN80130-2Z</b> |
| Mass m = kg                         | 2.7                 |
| Dimensions                          |                     |
| d                                   | <b>80</b>           |
| D -0,010                            | <b>130</b>          |
| B -0,25                             | 45                  |
| d1                                  | 105                 |
| r min.                              | 0.6                 |
| r1 min.                             | 0.6                 |
| Mounting dimensions                 |                     |
| Da max.                             | 120                 |
| da min.                             | 102                 |
| Basic load ratings axial            |                     |
| dyn. Ca N                           | 100000              |
| stat. C0a N                         | 265000              |
| Fatigue limit load Cu N             | 15400               |
| Lim- iting speed nG                 | 3600                |
| grease min-1                        |                     |
| Thermally safe                      | 2700                |
| operating speed nP                  |                     |
| min-1                               |                     |
| Bearing frictional torque           | 1.4                 |
| MR Nm                               |                     |
| Rigidity axial caL N/μm             | 1600                |
| Tilting rigidity ckL                | 3000                |
| Nm/mrad                             |                     |
| Mass moment of                      | 27.6                |
| inertia1) Mm kg · cm <sup>2</sup>   |                     |
| Axial runout1) μm                   | <b>3</b>            |
| Recommended INA precision locknut2) |                     |
| For radial locking                  | ZMA80/120           |
| Tightening torque4) MA AM80         |                     |
| Nm                                  |                     |
| Tightening torque4) MA 160          |                     |
| Nm                                  |                     |
| Required locknut                    | 20604               |
| force3) axial N                     |                     |