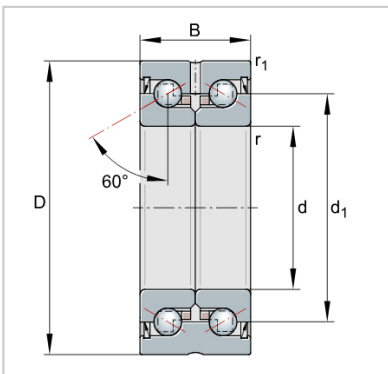


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLN Axial angular contact ball bearings-**ZKLN100160-2Z**



|                                     |                      |
|-------------------------------------|----------------------|
| Designation                         | <b>ZKLN100160-2Z</b> |
| Mass m = kg                         | 4.9                  |
| Dimensions                          |                      |
| d                                   | <b>100</b>           |
| D -0,010                            | <b>160</b>           |
| B -0,25                             | 55                   |
| d1                                  | 132                  |
| r min.                              | 0.6                  |
| r1 min.                             | 0.6                  |
| Mounting dimensions                 |                      |
| Da max.                             | 150                  |
| da min.                             | 128                  |
| Basic load ratings axial            |                      |
| dyn. Ca N                           | 154000               |
| stat. C0a N                         | 435000               |
| Fatigue limit load Cu N             | 22400                |
| Lim- iting speed nG                 | 3300                 |
| grease min-1                        |                      |
| Thermally safe                      | 2150                 |
| operating speed nP                  |                      |
| min-1                               |                      |
| Bearing frictional torque           | 2.6                  |
| MR Nm                               |                      |
| Rigidity axial caL N/μm             | 1900                 |
| Tilting rigidity ckL                | 5800                 |
| Nm/mrad                             |                      |
| Mass moment of                      | 85.3                 |
| inertia1) Mm kg · cm <sup>2</sup>   |                      |
| Axial runout1) μm                   | 3                    |
| Recommended INA precision locknut2) |                      |
| For radial locking                  | ZMA100/140           |
| Tightening torque4) MA AM100        |                      |
| Nm                                  |                      |
| Tightening torque4) MA 250          |                      |
| Nm                                  |                      |
| Required locknut                    | 25624                |
| force3) axial N                     |                      |