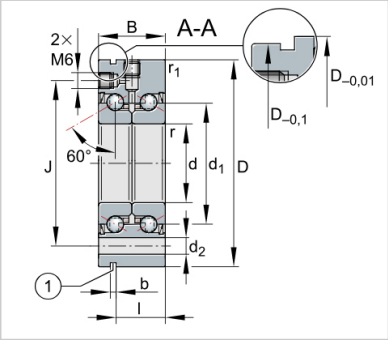
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF2068-2Z






| | |
|---|---|
| Designation | **ZKLF2068-2Z** |
| Mass □m = kg□ | 0.61 |
| Dimensions | |
| d –0,005 | **20** |
| D –0,01 | **68** |
| B –0,25 | 28 |
| d1 | 34.5 |
| r min. | 0.3 |
| r1 min. | 0.6 |
| J | 53 |
| d2 | 6.8 |
| b | 3 |
| l | 19 |
| Pitch n×t | 8×45° |
| Mounting dimensions | |
| Da max. | 43 |
| da min. | 25 |
| t1 | 0.1 |
| Fixing screwsDIN EN ISO 4762 10.9 | |
| Size | M6 |
| na×ta | 4×90° |
| Basic load ratings axial | |
| dyn. Ca N | 28500 |
| stat. C0a N | 47000 |
| Fatigue limit load □Cu N□ | 2750 |
| Limiting speed □nG grease min–1□ | 8700 |
| Thermally safe operating speed □nP min–1□ | 5400 |
| Bearing frictional torque MR Nm | 0.15 |
| Rigidity axial caL N/µm | 650 |
| Tilting rigidity ckL | 140 |
| Mass moment of inertia Mm | 0.273 |
| Axial runout µm | **2** |
| Recommended INA precision locknut | |
| For radial locking | ZM20 |
| For axial locking | AM20 |
| Tightening torque MA Nm | 18 |
| Required locknut force axial N | 8258 |