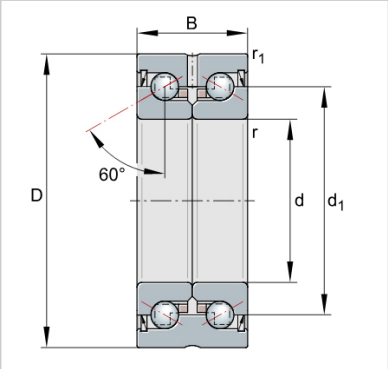
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

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






| | |
|---|---|
| Designation | **ZKLN2557-2RS-2AP** |
| Mass m = kg | 0.68 |
| Dimensions | |
| d | **25** |
| D –0,010 | **57** |
| 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 grease min–1 | 5700 |
| Thermally safe operating speed nP min–1 | 2600 |
| Bearing frictional torque MR Nm | 0.6 |
| Rigidity axial caL N/µm | 1300 |
| Tilting rigidity ckL Nm/mrad | 450 |
| Mass moment of inertia1) Mm kg · cm2 | 0.972 |
| Axial runout1) µm | **2** |
| Recommended INA precision locknut2) | |
| For radial locking | ZMA25/45 |
| Tightening torque4) MA Nm | AM25 |
| Tightening torque4) MA Nm | **25** |
| Required locknut force3) axial N | 9123 |