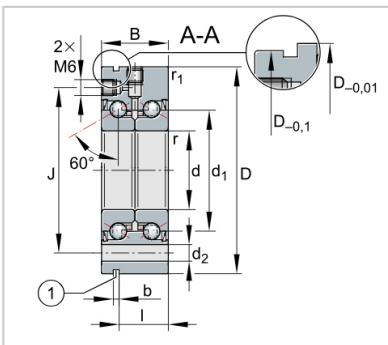


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF40115-2RS



| | |
|-------------------------------------|----------------------|
| Designation | ZKLF40115-2RS |
| Mass $m = \text{kg}$ | 2.2 |
| Dimensions | |
| d -0,005 | 40 |
| D -0,01 | 115 |
| B -0,25 | 46 |
| d1 | 65 |
| r min. | 0.6 |
| r1 min. | 0.6 |
| J | 94 |
| d2 | 8.8 |
| b | 3 |
| l | 36 |
| Pitch $n \times t$ | 12 \times 30° |
| Mounting dimensions | |
| Da max. | 80 |
| da min. | 56 |
| t1 | 0.2 |
| Fixing screws | DIN EN ISO 4762 10.9 |
| Size | M8 |
| $n \times t_a$ | 12 \times 30° |
| Basic load ratings axial | |
| dyn. Ca N | 79000 |
| stat. C0a N | 149000 |
| Fatigue limit load Cu | 8800 |
| N | |
| Limiting speed nG | 3500 |
| grease min-1 | |
| Thermally safe | 1600 |
| operating speed nP | |
| min-1 | |
| Bearing frictional torque | 1.3 |
| MR Nm | |
| Rigidity axial caL N/ μm | 1200 |
| Tilting rigidity ckL | 750 |
| Mass moment of inertia | 5.5 |
| Mm | |
| Axial runout μm | 2.5 |
| Recommended INA precision locknut | |
| For radial locking | ZMA40/62 |
| For axial locking | AM40 |
| Tightening torque MA | 110 |
| Nm | |
| Required locknut force | 25185 |
| axial N | |