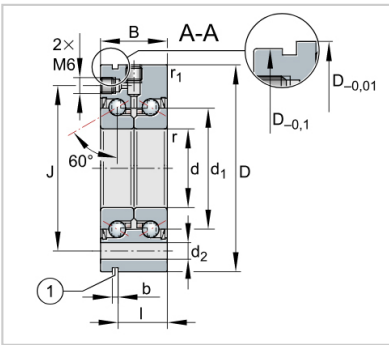


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF3590-2Z



| | |
|-------------------------------------|----------------------|
| Designation | ZKLF3590-2Z |
| Mass $m = \text{kg}$ | 1.13 |
| Dimensions | |
| d -0,005 | 35 |
| D -0,01 | 90 |
| B -0,25 | 34 |
| d1 | 52 |
| r min. | 0.3 |
| r1 min. | 0.6 |
| J | 75 |
| d2 | 8.8 |
| b | 3 |
| l | 25 |
| Pitch $n \times t$ | $8 \times 45^\circ$ |
| Mounting dimensions | |
| Da max. | 62 |
| da min. | 45 |
| t1 | 0.2 |
| Fixing screws | DIN EN ISO 4762 10.9 |
| Size | M8 |
| $n \times t_a$ | $4 \times 90^\circ$ |
| Basic load ratings axial | |
| dyn. Ca N | 45000 |
| stat. C0a N | 89000 |
| Fatigue limit load Cu | 5200 |
| N | |
| Limiting speed nG | 5800 |
| grease min-1 | |
| Thermally safe | 3800 |
| operating speed nP | |
| min-1 | |
| Bearing frictional torque | 0.3 |
| MR Nm | |
| Rigidity axial caL N/ μm | 900 |
| Tilting rigidity ckL | 400 |
| Mass moment of inertia | 1.51 |
| Mm | |
| Axial runout μm | 2.5 |
| Recommended INA precision locknut | |
| For radial locking | ZM35 |
| For axial locking | AM35/58 |
| Tightening torque MA | 40 |
| Nm | |
| Required locknut force | 10770 |
| axial N | |