

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF2068-2Z



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|-------------------------------------|----------------------|
| Designation | ZKLF2068-2Z |
| Mass $m = \text{kg}$ | 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 $n \times t$ | $8 \times 45^\circ$ |
| Mounting dimensions | |
| Da max. | 43 |
| da min. | 25 |
| t1 | 0.1 |
| Fixing screws | DIN EN ISO 4762 10.9 |
| Size | M6 |
| $n \times t_a$ | $4 \times 90^\circ$ |
| Basic load ratings axial | |
| dyn. Ca N | 28500 |
| stat. C0a N | 47000 |
| Fatigue limit load Cu | 2750 |
| N | |
| Limiting speed nG | 8700 |
| grease min-1 | |
| Thermally safe | 5400 |
| operating speed nP | |
| min-1 | |
| Bearing frictional torque | 0.15 |
| MR Nm | |
| Rigidity axial caL N/ μm | 650 |
| Tilting rigidity ckL | 140 |
| Mass moment of inertia | 0.273 |
| Mm | |
| Axial runout μm | 2 |
| Recommended INA precision locknut | |
| For radial locking | ZM20 |
| For axial locking | AM20 |
| Tightening torque MA | 18 |
| Nm | |
| Required locknut force | 8258 |
| axial N | |