

DC worm gear motor WGM370

Motor Data

| Model | WGM370126000 | WGM370246000 |
|---------------------|--------------|--------------|
| Rated voltage | 12VDC | 24VDC |
| No load current [A] | 0,03 | 0,02 |
| No load speed [rpm] | 6000 | 6000 |
| Rated current [A] | 0,25 | 0,13 |
| Rated speed [rpm] | 4500 | 4500 |
| Rated torque [mNm] | 3 | 3 |
| Rated power [W] | 1,4 | 1,4 |
| Stall torque [mNm] | 12 | 12 |
| Stall current [A] | 1,2 | 0,55 |



Gear Data

| | |
|------------------|-----------|
| type of gear box | worm gear |
| Housing | metal |
| Torque | max. 1Nm |
| Shaft | Ø6 x 7mm |

Ratios

| Numberof stages | 3 stages reduction | 4 stages reduction | 5 stages reduction |
|---------------------------|--------------------|--------------------|--------------------|
| Reduction ratio | 276 | 552、828 | 1656、2484 |
| Max. Running torque | 2kgf.cm | 5kgf.cm | 10kgf.cm |
| Max. Gear breaking torque | 6kgf.cm | 15kgf.cm | 30kgf.cm |
| Max Gearing efficiency | 73% | 65% | 59% |

Dimension

