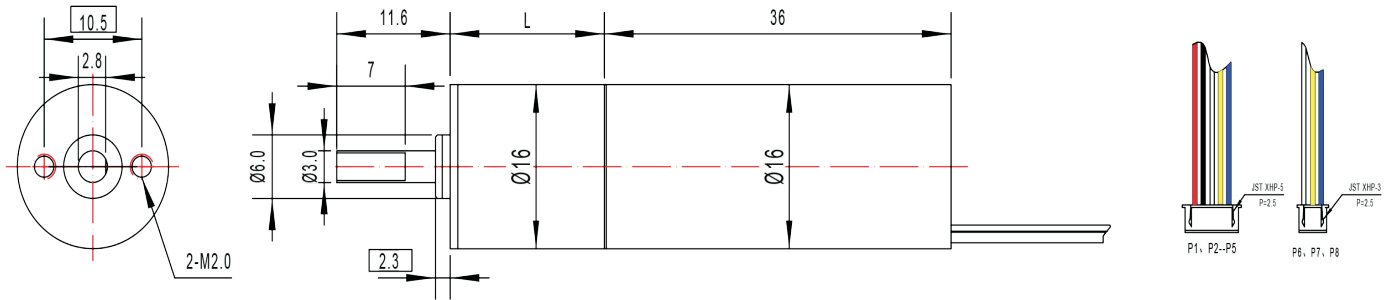


GM P16T-TEC1636 16mm Planetary gearbox plus 16 brushless coreless motor

| | | | | | |
|--|---------------|------------------------|-------------------------------|---|----------|
| Module | 0.3 | | | | |
| Rated torque (kg.cm) | 3kg.cm max | | | | |
| Max momentary tolerance torque (kg.cm) | 5kg.cm max | | | | |
| Reduction ratio | 1/4 1/4.75 | 1/16 1/19 1/22.6 | 1/64 1/76 1/90 1/107 | 1/172, 1/224 1/256, 1/304 1/361, 1/428.7 1/509 | 1/1024 |
| Number of gear stages | 1 | 2 | 3 | 4 | 5 |
| L (mm) | 12.5±0.5 | 16±0.5 | 19.5±0.5 | 23±0.5 | 26.5±0.5 |



Weight: 53g (Approx)

Unit(mm)

Gear Motor Technical Data

| | | Reduction ratio | | | | | | | | |
|-------|---------------------|-----------------|-----|------|-----|-----|-----|-----|------|--|
| | | 4 | 16 | 22.6 | 64 | 107 | 256 | 361 | 1024 | |
| 12.0V | No-load speed(rpm) | 2700 | 700 | 520 | 180 | 110 | 45 | 31 | 10 | |
| | Rated speed(rpm) | 2200 | 600 | 430 | 150 | 90 | 38 | 26 | 9 | |
| | Rated torque(kg.cm) | 01 | 0.4 | 0.5 | 1.5 | 2.8 | 5 | 5 | 5 | |
| 24.0V | No-load speed(rpm) | 2700 | 700 | 520 | 180 | 110 | 45 | 31 | 10 | |
| | Rated speed(rpm) | 2200 | 600 | 430 | 150 | 90 | 38 | 26 | 9 | |
| | Rated torque(kg.cm) | 0.1 | 0.4 | 0.5 | 1.5 | 2.8 | 5 | 5 | 5 | |

Motor Technical Data

| Motor model | Rated voltage | No-load | | Rated | | | Stall | | |
|----------------|---------------|---------|---------|-------|--------|---------|-------|--------|---------|
| | | Speed | Current | Speed | Torque | Current | Power | Torque | Current |
| | VDC | r/min | mA | r/min | g.cm | mA | W | g.cm | A |
| TEC 1636-12120 | 12V | 12000 | 70 | 10082 | 32.6 | 390 | 3.37 | 204 | 2.1 |
| TEC 1636-24120 | 24V | 12000 | 40 | 10189 | 32.6 | 180 | 3.41 | 216 | 1.0 |

