



Gear Box Specifications:

| | | | |
|--|--------|------|------|
| Gear Ratio | 1:4.25 | 1:15 | 1:77 |
| Number of gear trains | 1 | 2 | 3 |
| Max. rated torque (kg. cm) | 90 | 150 | 240 |
| Max. permissible load in a short time (kg. cm) | 270 | 450 | 720 |
| Length L (mm) | 61 | 61 | 72 |

Stepper Motor Specifications:

| MODEL | Phase | Step Angle | Rated Voltage | Current /Phase | Resistance /Phase | Inductance /Phase | Holding Torque | Rotor Inertia |
|---------------|-------|------------|---------------|----------------|-------------------|-------------------|----------------|--------------------|
| | | Deg/Step | V | A | Ω | mH | kg. cm | g. cm ² |
| 57STH56-2804B | 2 | 1.8 | 2.5 | 2.8 | 0.9 | 2.5 | 12.6 | 300 |

| | | | | | | | | | |
|--------|--------------|-----|-------|------|----------|-----|---------------------------|--|----------|
| | | | | | | | DONGZHENG MOTOR | | |
| | | | | | | | 56JXS300K/57STH56-2804B | | |
| REV. | QTY. | No. | SIG. | DATE | | | PLANET GEAR STEPPER MOTOR | | |
| DESIGN | Zhu Guanghua | | STD. | | CLS. MAK | QTY | SCALE | | |
| CHECK | | | | | S | | 1:1 | | |
| PROC. | | | APPR. | | PAGE | OF | ODZ. 244. 001 | | REV A |