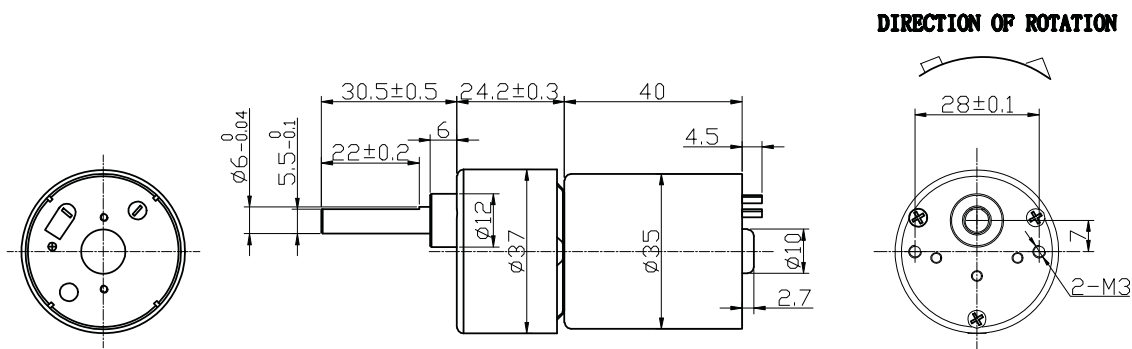


Model	739530	Voltage	12V	No.	HG-2013051001	Date	2013. 09. 26
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#### 1. Normal operating conditions:

- 1.1 Rated voltage: 6~13.8 V
- 1.2 Ambient temperature: -10~+60°C
- 1.3 Rotate direction: CW
- Positive pole connect Red "+"
- Negative pole connect "-"
- Facing the output shaft axis

#### 2. Test conditions:

- 2.1 Voltage: DC 12V
- 2.2 Ambient temperature: 28°C
- 2.3 Ambient humidity: 44%RH
- 2.4 The tested sample is set level

#### 3. Electrical features (After 30 seconds electrify)

- 3.1 No-load
  - 3.1.1 No-load speed:  $150 \pm 10\%$  rpm
  - 3.1.2 No-load current: 0.34A (0.68A max)
- 3.2 Load
  - 3.2.1 Load torque: 3.9kg.cm
  - 3.2.2 Load current: 0.91A (1.37A max)
  - 3.2.3 Load speed:  $137.5 \pm 10\%$  rpm
  - 3.2.4 Stall torque: /
  - 3.2.5 Stall current: /

#### 4. Mechanical characteristics

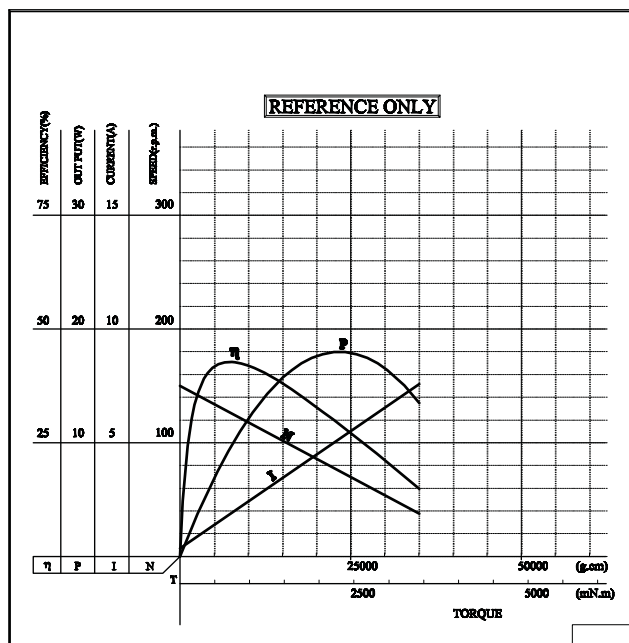
- 4.1 Axial play of shaft:  $\leq 0.5$  mm

#### 5. Motor features

- 5.1 No-load Current: 0.19A
- 5.2 No-load Speed:  $11000 \pm 10\%$  rpm

#### Characteristic Graph

MODEL: 739530 VOLTAGE: 12 VDC Constant  
P/C NO.: \_\_\_\_\_ DATE: 2013.9.26  
REMARKS: \_\_\_\_\_



Client confirms

Mapper

Assessor

Approved