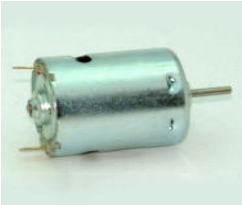
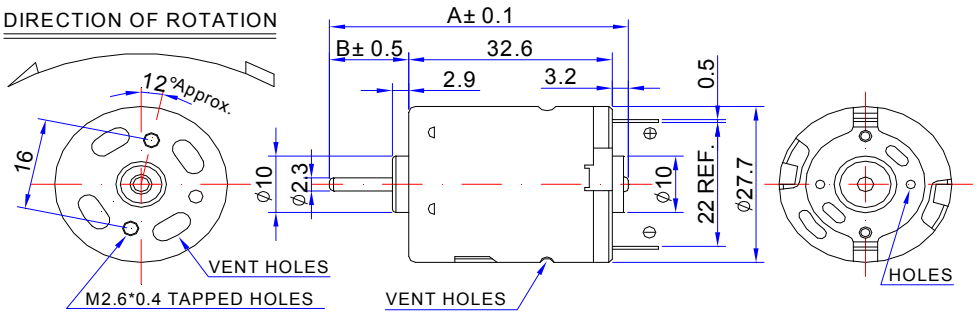
# DC Motor TW-360SP Series

OUTPUT POWER: 1.0 – 40W (APPROX)



**Typical Application:**

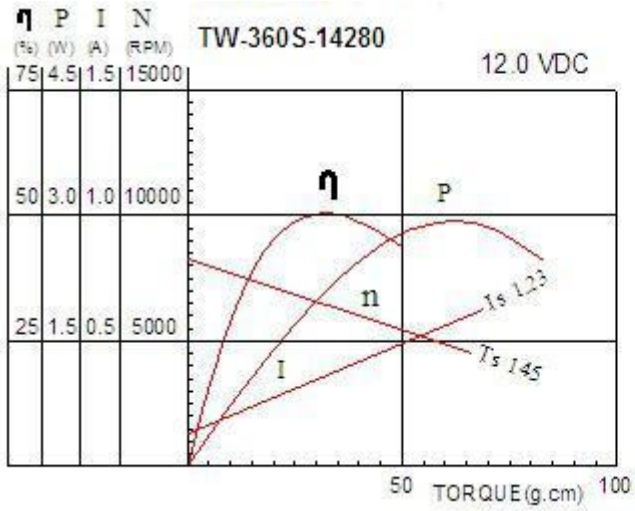
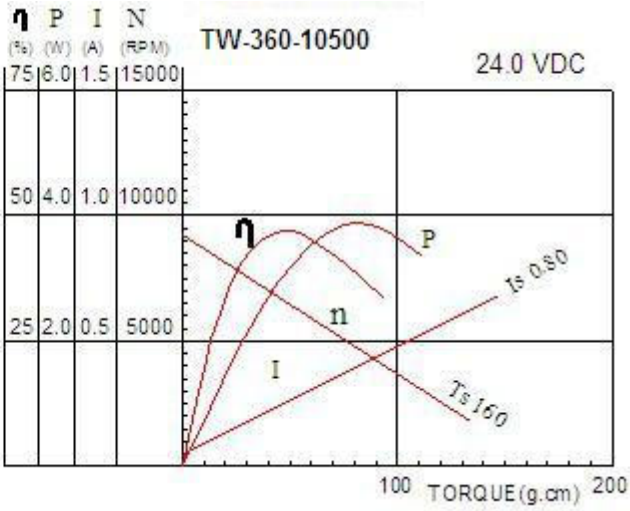
1. Precision Instruments: Automatic Vending Machine
2. Household Appliances: Tooth Brushes, Hair Dryer, Massager
3. Office Automation Equipments: Electronic Typewriter




Shaft Length (A): 51.0
Shaft Extension (B): 14.0

*** Carbon Brush Motor. Weight: 50g (APPROX)**

**ELECTRICAL SPECIFICATION CHART:** (The following specifications can be changed as customers' requirement)

| Model | Voltage | | At No Load | | At Max Efficiency | | | | | Stall Torque |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Workable Range | Nominal Speed | | Current | Speed | Current | Torque | Output | |
| | | | RPM | A | RPM | A | G.CM | W | % | G.CM |
| TW-360SP-10500 | 12.0～30.0 | 12.0V Constant | 3,500 | 0.05 | 2,500 | 0.14 | 28.0 | 0.72 | 42.9 | 108 |
| TW-360SP-10340 | 12.0～30.0 | 24.0V Constant | 9,984 | 0.12 | 8,200 | 0.15 | 42.0 | 3.53 | 59.0 | 235 |
| TW-360SP-12295 | 12.0～30.0 | 24.0V Constant | 11,730 | 0.12 | 9,580 | 0.36 | 55.0 | 5.40 | 62.5 | 300 |
| TW-360SP-14280 | 8.0～30.0 | 12.0V Constant | 6,300 | 0.09 | 5,000 | 0.34 | 42.0 | 2.15 | 52.7 | 214 |
| TW-360SP-2885 | 3.0～9.0 | 7.2V Constant | 12,500 | 0.36 | 11,000 | 1.30 | 50.0 | 5.64 | 60.0 | 420 |

**CHARACTERISTIC CURVES:**