



ERS-790SH

EVERMO®
DC MICRO MOTOR
 Carbon-brush motors

OUTPUT :19W~139W (APPROX)

WEIGHT :410 g (APPROX)

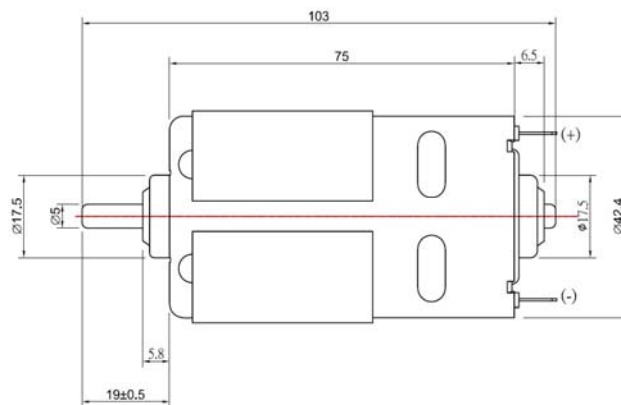
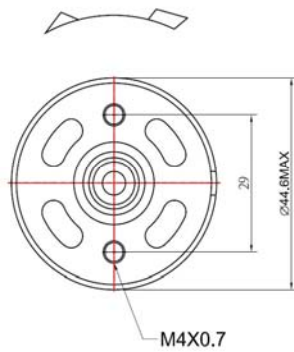
Typical Applications **Cordless Power Tools:** Drill, Cordless Garden Tool, Circular Saw
Office Automation Equipment: Printer, Copy Machine

Typical Specifications

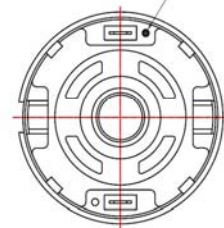
| MODEL | VOLTAGE | | NO LOAD | | AT MAXIMUM EFFICIENCY | | | | | | STALL | | |
|-----------------|-----------------|----------------|-------------|-----------|-----------------------|-----------|-------------|------------|----------|--------|----------|-------------|-------------|
| | OPERATING RANGE | NOMINAL | SPEED r/min | CURRENT A | SPEED r/min | CURRENT A | TORQUE g.cm | TORQUE mNm | OUTPUT W | EFF. % | TORQUE A | TORQUE g.cm | CURRENT mNm |
| ERS-790SH-4577R | 0.6~12.0 | 12.0V CONSTANT | 4200 | 0.35 | 3609 | 2.13 | 507 | 49.67 | 18.77 | 73.44 | 13.0 | 3600 | 352.8 |
| ERS-790SH-6045R | 0.6~12.0 | 12.0V CONSTANT | 7200 | 0.65 | 6182 | 3.95 | 608 | 59.59 | 38.56 | 81.35 | 24.0 | 4300 | 421.4 |
| ERS-790SH-8018R | 0.6~12.0 | 12.0V CONSTANT | 17500 | 2.20 | 15287 | 15.2 | 885 | 86.73 | 138.95 | 76.2 | 105.0 | 7000 | 686 |

◎NOTE: 1)Casing ring 2) Ring varister 3) Capacitor for options only.

DIRECTION OF ROTATION



RED MARK



Usable machines screw length 4.0max.from motor mounting surface.

UNIT: MILLIMETERS