



# ERS-570SH

**EVERMO®**  
**DC MICRO MOTOR**  
 Carbon-brush motors

**OUTPUT :14.3W~84W (APPROX)**

**WEIGHT : 265g (APPROX)**

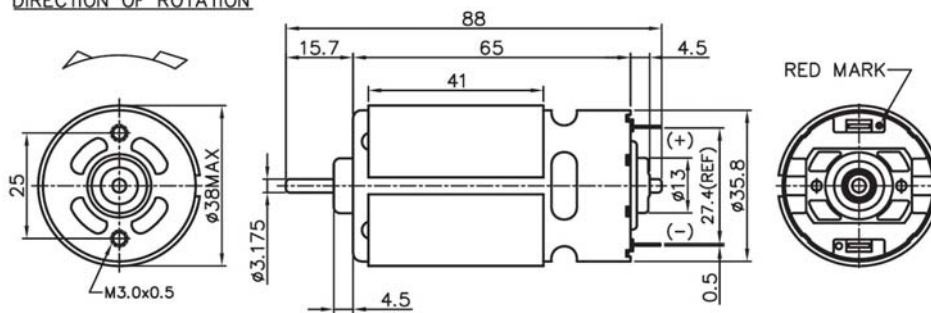
**Typical Applications** Home Appliances : Hair Dryer, Vending Machine, Geared Motor

## Typical Specifications

| MODEL           | VOLTAGE         |                | NO LOAD     |           | AT MAXIMUM EFFICIENCY |           |        |       |          |        | STALL  |      |         |
|-----------------|-----------------|----------------|-------------|-----------|-----------------------|-----------|--------|-------|----------|--------|--------|------|---------|
|                 | OPERATING RANGE | NOMINAL        | SPEED r/min | CURRENT A | SPEED r/min           | CURRENT A | TORQUE |       | OUTPUT W | EFF. % | TORQUE |      | CURRENT |
|                 |                 |                |             |           |                       |           | g.cm   | mNm   |          |        | A      | g.cm | mNm     |
| ERS570SH-4565   | 6.0~24.0        | 12.0V CONSTANT | 6700        | 0.50      | 5800                  | 2.60      | 367    | 35.98 | 22.00    | 71     | 17.91  | 2927 | 286.96  |
| ERS570SH-4570   | 6.0~24.0        | 12.0V CONSTANT | 6200        | 0.30      | 5400                  | 2.17      | 342    | 33.53 | 19.08    | 74     | 17.02  | 3034 | 297.45  |
| ERS570SH-6035   | 6.0~18.0        | 12.0V CONSTANT | 12000       | 1.00      | 10700                 | 5.63      | 465    | 45.59 | 51.50    | 76     | 51.36  | 4557 | 446.76  |
| ERS570SH-7522   | 6.0~12.0        | 12.0V CONSTANT | 19500       | 1.40      | 17500                 | 9.42      | 466    | 45.69 | 83.95    | 75     | 81.60  | 4603 | 451.27  |
| ERS-570SH-7521R | 6.0~12.0        | 6.0V CONSTANT  | 9500        | 1.30      | 8393                  | 7.82      | 388    | 38.03 | 31.89    | 67.97  | 47.1   | 2700 | 264.6   |
| ERS-570SH-6032R | 6.0~12.0        | 6.0V CONSTANT  | 6100        | 0.60      | 5185                  | 3.40      | 267    | 26.17 | 14.21    | 69.6   | 19.3   | 1780 | 174.44  |

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

DIRECTION OF ROTATION



Usable machines screw length 4.0max from motor mounting surface.

UNIT:MILLIMETERS