

RS-540RH/SH



Carbon-brush motors

OUTPUT : 5.0W~90W (APPROX)

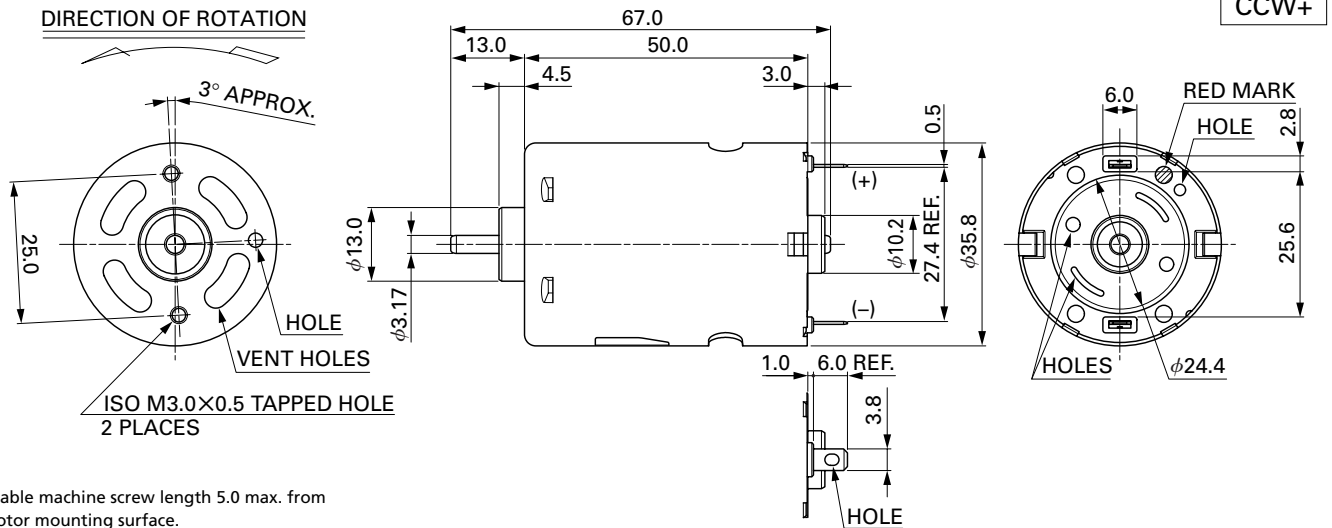
WEIGHT : 160g (APPROX)

Typical Applications Home Appliances : Vacuum Cleaner
 Cordless Power Tools : Drill / Screwdriver / Cordless Garden Tool / Air Compressor
 Toys and Models : Radio Control Model

| MODEL | VOLTAGE | | NO LOAD | | AT MAXIMUM EFFICIENCY | | | | STALL | | | |
|--------------------|-----------------|---------------|---------|---------|-----------------------|---------|--------|--------|--------|------|---------|------|
| | OPERATING RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT | TORQUE | OUTPUT | TORQUE | | CURRENT | |
| | | | r/min | A | r/min | A | mN-m | g-cm | W | mN-m | g-cm | A |
| RS-540RH-7516 (*1) | 2.4~4.5 | 3.6V CONSTANT | 20200 | 2.90 | 16310 | 12.2 | 15.1 | 154 | 25.8 | 78.5 | 800 | 51.0 |
| RS-540RH-5045 | 4.5~9.6 | 6V CONSTANT | 11600 | 0.82 | 9660 | 4.09 | 14.4 | 147 | 14.6 | 86.3 | 880 | 20.4 |
| RS-540SH-5045 (*1) | 4.5~12.0 | 12V CONSTANT | 17500 | 0.95 | 15080 | 5.93 | 31.8 | 324 | 50.1 | 230 | 2345 | 37.0 |

(*1) CCW shifted commutation (CCW+)

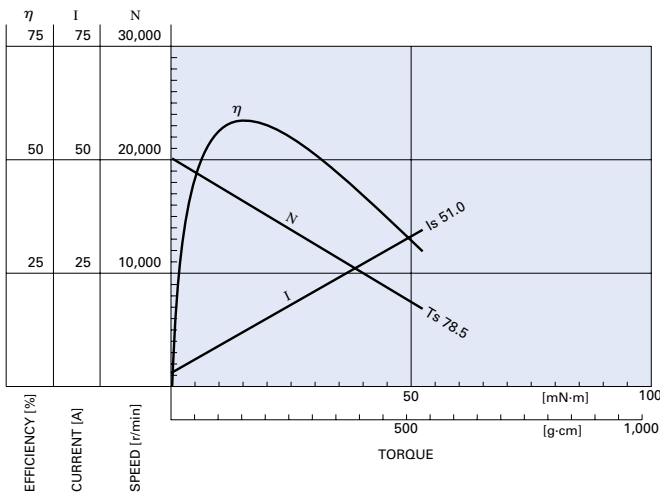
The terminal position against the tapped holes varies depending on CW+/NEUTRAL.



Usable machine screw length 5.0 max. from motor mounting surface.

UNIT: MILLIMETERS

RS-540RH-7516 3.6V



RS-540SH-5045 12.0V

