

RS-540RH/SH/SF

MABUCHI MOTOR

Carbon-brush motors

OUTPUT : 5.0W~90W (APPROX)

WEIGHT : 160g (APPROX)

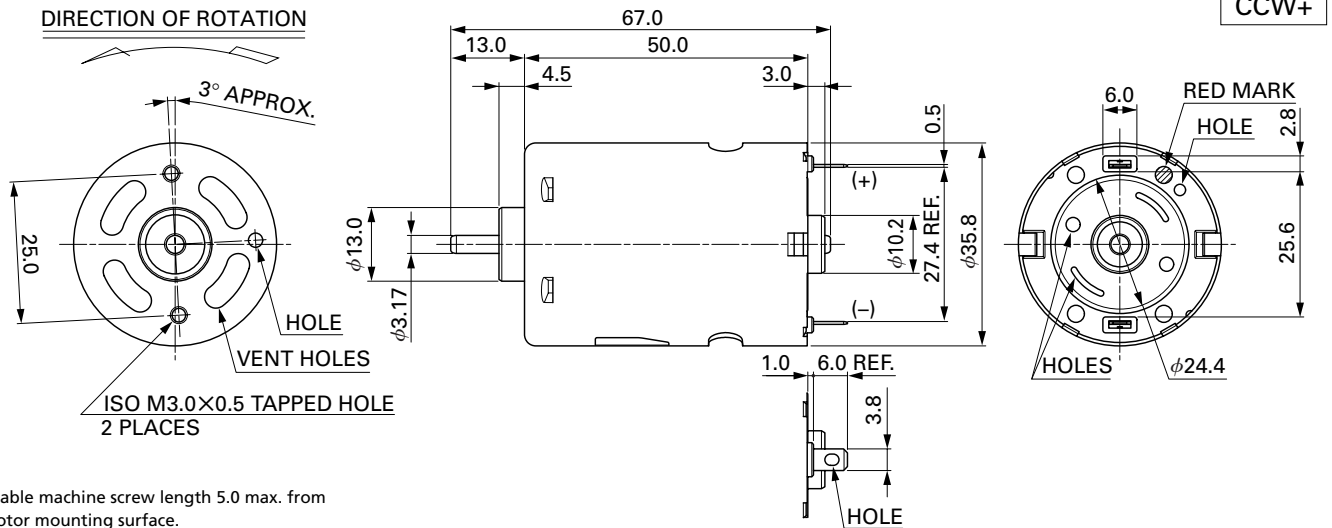
Typical Applications Home Appliances : Vacuum Cleaner
 Cordless Power Tools : Drill / Screwdriver / Cordless Garden Tool / Air Compressor
 Toys and Models : Radio Control Model

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL			
	OPERATING RANGE	NOMINAL	SPEED r/min	CURRENT A	SPEED r/min	CURRENT A	TORQUE mN-m	TORQUE g-cm	OUTPUT W	TORQUE mN-m	TORQUE g-cm	CURRENT A
RS-540RH-7516 (*)	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/SF-5045 (*)	4.5~12.0	12V CONSTANT	17500	0.95	15080	5.93	31.8	324	50.1	230	2345	37.0

(*) CCW shifted commutation (CCW+)

(**) CCW shifted commutation (CCW+), RF-540SF is RS-540SH with built-in cooling fan.

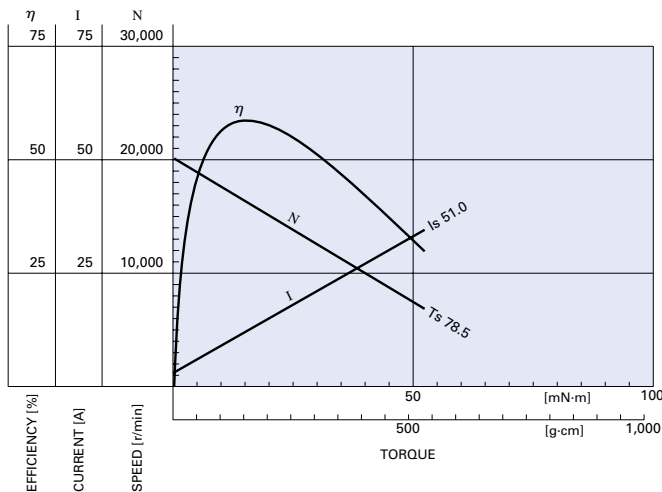
The terminal position against the tapped holes varies depending on CW+/NEUTRAL. (Refer to P17)



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

UNIT: MILLIMETERS

RS-540RH-7516 3.6V



RS-540SH/SF-5045 12.0V

