

Characteristics:

Brushless DC Motor, Close Frame

**Specifications:**

Dimensions (in)	: Ø 2.56 X 2.50 in
Shaft Diameter (in)	: Ø 0.310 in
Input Voltage (V)	: 18.0 V DC
No Load Speed (rpm)	: 17200 rpm
No Load Current (A)	: 6.50 A
Nominal Speed (rpm)	: 14000 rpm
Nominal Torque (lb.in)	: 5.57 lb.in
Nominal Current (A)	: 66.00 A
Stall Torque (lb.in)	: 29.84 lb.in
Stall Current (A)	: 326 A
Maximum Output Power (hp)	: 2.035 hp
Maximum Efficiency (%)	: 79.00%
Torque at Max Efficiency (lb.in)	: 3.67 lb.in
Speed at Max Efficiency (rpm)	: 15000 rpm
Life (Typical)	: 150 hr
Weight (oz)	: 24.16 oz
Operating Temperature Range (°F)	: 14 to 158 °F
Storage Temperature Range (°F)	: -4 to 158 °F
Electrical Connection	: 6-pin connector (Optional)

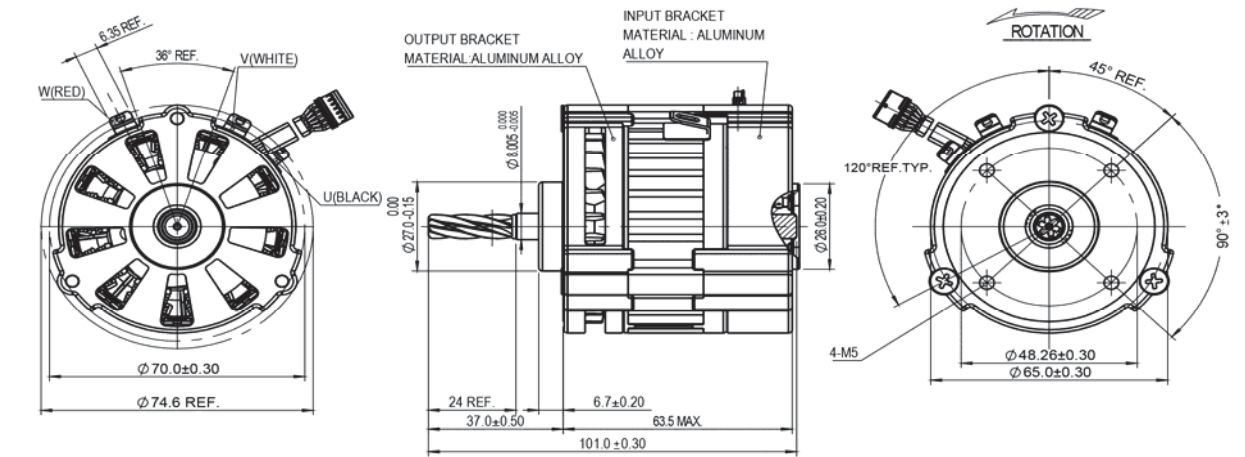
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	6.50	326.00	66.30	166.50
Efficiency (%)	-	-	79.40	50.60
Output Power (hp)	-	-	0.88	2.04
Speed (rpm)	17200.00	-	15000.00	8600.00
Torque (lb.in)	-	29.84	3.68	14.92

Application Examples:

Impact Wrench, Drill, Screw Driver, Impact Driver, Grinder, Sander

Drawing:



Performance Curves:

