

Characteristics:

High power LVDC motor for pumps and actuators

**Specifications:**

Dimensions (in)	: Ø 1.0 X 1.2 in
Shaft Diameter (in)	: Ø 0.079 in
Input Voltage (V)	: 32.0 V DC
No Load Speed (rpm)	: 7400 rpm
No Load Current (A)	: 0.035 A
Nominal Speed (rpm)	: 5600 rpm
Nominal Torque (lb.in)	: 0.04 lb.in
Nominal Current (A)	: 0.20 A
Stall Torque (lb.in)	: 0.18 lb.in
Stall Current (A)	: 0.51 A
Maximum Output Power (hp)	: 0.01 hp
Maximum Efficiency (%)	: 64.55 %
Torque (lb.in) - Max Eff	: 0.09 lb.in
Speed (rpm) - Max Eff	: 3582 rpm
Life (Typical)	: 200 hr
Weight (oz)	: 1.8 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °F
Electrical Connection	: Terminals

Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.04	0.65	0.10	0.26
Efficiency (%)	-	-	64.55	44.80
Output Power (hp)	-	-	0.00	0.01
Speed (rpm)	7400.00	-	5962.00	3582.00
Torque (lb.in)	-	0.14	0.03	0.09

Application Examples:

Pumps and Dispensing, Air Pumps

