

Characteristics:

Low power EC motor

**Specifications:**

Dimensions (mm)	: Ø 42.5 X 72.0 mm
Shaft Diameter (mm)	: Ø 8.000 mm
Input Voltage (V)	: 18.0 V DC
No Load Speed (rpm)	: 3400 rpm
No Load Current (A)	: 0.30 A
Nominal Speed (rpm)	: 2500 rpm
Nominal Torque (mNm)	: 95.00 mNm
Nominal Current (A)	: 2.20 A
Stall Torque (mNm)	: 380.00 mNm
Stall Current (A)	: 7.50 A
Maximum Output Power (W)	: 32.00 W
Maximum Efficiency (%)	: 70%
Torque (mNm) - Max Eff	: 52.00 mNm
Speed (rpm) - Max Eff	: 2850 rpm
Life (Typical)	: 10000 hr
Weight (g)	: 360 g
Operating Temperature Range (°C)	: -10 to 65 °C
Storage Temperature Range (°C)	: -40 to 70 °C
Electrical Connection	: Leadwire and connector

Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.30	7.50	1.20	3.80
Efficiency (%)	-	-	75.00	46.00
Output Power (W)	-	-	15.00	32.00
Speed (rpm)	3400.00	-	2850.00	1700.00
Torque (mNm)	-	380.00	52.00	190.00

Application Examples:

Robotic Mower Cutter

