

Characteristics:

High Power, Long Life PMDC motor

Specifications:

Dimensions	: Ø 27.5 X 46.5 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 36.0 V DC
No Load Speed	: 18250 rpm
Stall Torque	: 287.00 mNm
Maximum Output Power	: 137.00 W
Maximum Efficiency	: 73%
Life (Typical)	: 1000 hr
Life Test Condition	: (subject to fan load)
Weight	: 115 g
Operating Temperature Range	: -10 to 50 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals
Certification	: RoHS

**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.32	16.00	2.35	8.20
Efficiency (%)	-	-	73	-
Output Power (W)	-	-	59.00	137.00
Speed (rpm)	18250	-	16000	9100
Torque (mNm)	-	287.00	35.50	143.60

Application Examples:

Hair Dryers

