TECHNICAL DATA SHEET DIVERSITECH

Specifications

Product Electrically Commutated Motor

Motor Type Brushless DC Motor

Motor Finish Advanced Plastic Housing

Rated Power 9, 12 Watts

Supply Voltage 115VAC (100VAC - 127VAC)

Supply Frequency 60Hz

Current 0,23A, 0,31A

Lead Wire Length 15" with Lyall two pin plug

Temperature Rating -22°F - 122°F

Thermal Overload If the motor fails to start, locked rotor/stall detection

switches the motor to standby mode, with automatic restart after 60 seconds. This software detection protects the motor with a timed restart algorithm to limit maximum winding temperature. Self-resetting thermal protection stops the motor if over-temperature occurs. The motor restarts when the winding temperature is back within the

operating range.

Moisture and ECR01 motors are IP55. In all ECR01 motors a conformal

Dust Protection

coating is applied to the electronic control board for complete moisture protection.

Insulation Class Class A

Weight 1.87 lbs (0.85kg)

Rated Speed 1500 RPM, 1550 RPM

Mounting Mounted in any Position

Bearings Ball Bearings

Rotation CCW SE

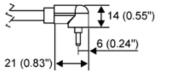
Agency ULcUL

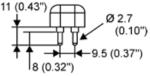
SKU Specifications

Motor	Voltage/HZ	Current A	Speed RPM	Output Power W	Protection	Approvals
ECR01-9W	115/60	0.23	1500	9	IP55	UL, cUL
ECR01-12W	115/60	0.31	1550	12	IP55	UL, cUL

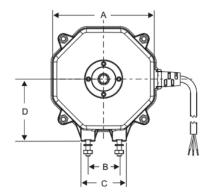
Dimensions	Α	В	С	D	E	F	G	Н	I	K
mm	88	26	38	52	500	34.5	46	77	67	71.4
inches	3.46	1.02	1.50	2.05	19.68	1.36	1.81	3.03	2.64	2.81

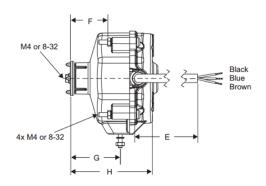
ECR01-9W and ECR01-12W come standard with a 2 pin Lyall

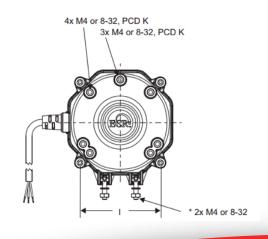












EC Motor