



## 48 Frame EC Motor

### Motor Features

#### Control and Programming

- Motors are available pre-programmed or un-programmed
- Controller and power supply integrated into a rear mounted housing
- All motors have reversible rotation direction capabilities and are constant torque designs

#### Motor Life:

- Motors are designed for a 10 year field life\*
- 35000 hours running continuous in heating applications\*
- 20000 hours running continuous in AC applications\*

#### Motor Safety

- All motors are cUL approved
- Contain electronic protection
- Surge rating of 6KVac
- Available in Class B or F Insulation systems

#### Motor Construction

- Standard construction utilizes an Air Over design with IP20 construction
- Controller assembly is silicone potted
- Outer shell utilizes molded unsaturated polyester and aluminum casing for durability
- Designed to run with reduced vibration

#### Temperature Range

- -40oC to 55oC

#### Terminations

- Utilizing AMP521781-1 connector on standard models.
- Custom Terminations available

#### Mounting Configurations

- Belly bracket mounting required standard configurations
- Shell mounting available upon request

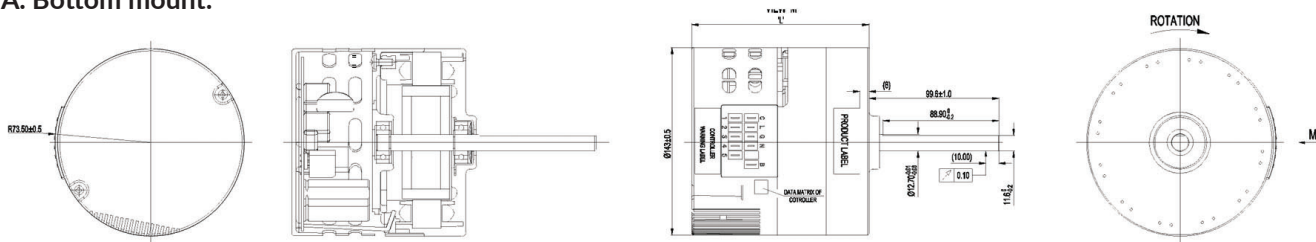


### Motor Specifications

Power	Poles	Voltage/Freq	FLA	Speed (RPM)	Torque
1/3 HP	8	208-230V 50/60Hz, 115 60Hz	2.53 (208-230V), 4.6 (115V)	300-1200	2.27Nm
1/2 HP	8	208-230V 50/60Hz, 115V 60Hz, 240V 50/60Hz	3.56 (208-230V), 6.1 (115V), 3.15 (240V)	300-1200	3.41Nm
3/4 HP	8	208-230V 50/60Hz, 115V 60Hz, 240V 50/60Hz	5.16 (208-230V), 9.3 (115V), 4.37 (240V)	300-1200	5.09Nm
1 HP	8	208-230V 50/60Hz, 115V 60Hz, 240V 50/60Hz	6.46 (208-230V), 12.3 (115V), 6.13 (240V)	300-1200	6.82Nm

### Outline Dimensions : inches (mm)

#### A. Bottom mount:



#### Note:

Polarity sensitive is marked with "+A1", "-A2"; Non-polar type is without mark.