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Motenergy Brush-Type 56-Frame DC Motors 1/4 to 3 HP

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ME1117

Motenergy Brush-Type DC Motors 3-20 HP

Motenergy Brushless DC Motors

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Item# ME1117

Product Description

Designed for long life. No brush maintenance. The motor is 90% efficient at voltages between 17 to 50VAC. Continuous current of 120 amps. This is a 3-phase, Y-connected Permanent Magnet Synchronous Motor with an axial air gap.

1) This is a 8 pole motor (4 pole pairs). 2) The Phase to Phase winding resistance is 0.013 Ohms. 3) The maximum recommended rotor speed is 5000 RPM. 4) Voltages from 0 to 72 VDC input to the control. 5) Torque constant of 0.13 Nm per Amp 6) The Inductance Phase to Phase is 0.10 Milli-Henry. 7) Armature Inertia is 52 Kg Cm Squared. 8) Continuous current of 80 Amps AC. 9) Peak current of 220 Amps AC for 1 minute. 10) Weight of 23 pounds. 11) Peak Stall Torque if 38 Nm. 11) This is an Open Frame, Fan Cooled motor. 12) Has internal temperature sensor.

ME1117 Outline Drawing

ME1117 Dynamometer Plot

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