



MOTOR DATASHEET

E-CIRCUIT MOTORS, INC.
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ROBOTICS 1/10HP (MEDICAL)

MODEL #ECM 0.4N15R7

Watts : 40

hP : 0.1

RPM : 1,500

Torque (Nm) : 0.3

Peak Torque (3s) (Nm) : 4.3

Efficiency : 74.8%

Peak Efficiency : 79.7%

Diameter (cm) : 8.05

Diameter (in) : 3.2

Overall Length (cm) : 3.0

Overall Length (in) : 1.2

Weight (kg) : 0.408

Weight (lbs) : 0.9

Kt (Nm/A) : 0.0154

Ke (Vs/rad) : 0.0178

Km (Nw/v(W)) : 0.0789

Thermal SF : 8.4

Volts (Vqs) : 2



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