



MOTOR DATASHEET

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

MODEL #ECM 7.5N32.9R12

Watts : 46

hP : 0.1

RPM : 1,996

Torque (Nm) : 0.2

Peak Torque (3s) (Nm) : 14

Efficiency : 90.0%

Peak Efficiency : 90.1%

Diameter (cm) : 14.827

Diameter (in) : 5.8

Overall Length (cm) : 2.715

Overall Length (in) : 1.1

Weight (kg) : 1.079

Weight (lbs) : 2.4

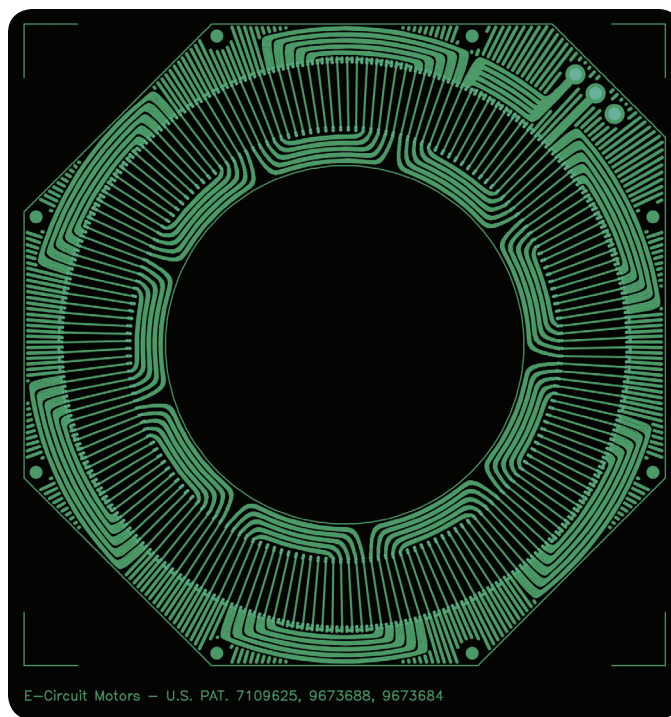
Kt (Nm/A) : 0.0527

Ke (Vs/rad) : 0.0608

Km (Nw/v(W)) : 0.1321

Thermal SF : 32.3

Volts (Vqs) : 8



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