

ABSTRACTSTARTING OF SINGLE-PHASE MOTORS

- 5 A simple rotor position transducer for an electronically
commutated electric motor has a vane mounted to rotate
with the rotor and a pair of sensors. One sensor has an
output coincident with positions of zero torque. The
other sensor produces signals slightly in advance.
10 Overlapping portions of the signals denote regions of
different levels of torque. The second sensor output
can also be used in high-speed, single-pulse control of
the motor.

Figure 3

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