



Motor Specifications

Electric Cylinder
Motor
Specifications

EC2

Electric Cylinders

EC2-H Series

Winding Data

Inductance

Resistance

Torque Constant

Voltage Constant

Torque

Continuous

Peak

Rotor Inertia

Connections

Temperature

Permanent Magnet 2-pole, 160 volt DC Motor

H motor

19 mH

6.4

54 oz-in/Amp

40 V/krpm

108 oz-in (2.0 Amps)

432 oz-in (8.0 Amps)

0.049 oz-in-sec²

Quick Disconnect: 3 contact receptacle in anodized or painted aluminum shell, includes 12 ft. [3.7 m] cable with molded plug.

180°F [82°C] maximum allowable motor case temperature

Actual motor case temperature is ambient, duty cycle, speed and load dependent. Refer to speed vs. thrust curves for system duty ratings.

H Motor

