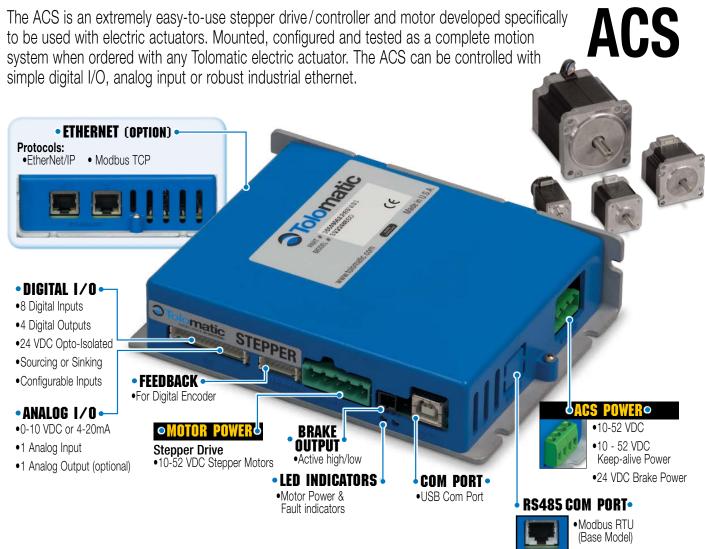


○ENDURANCE TECHNOLOGY

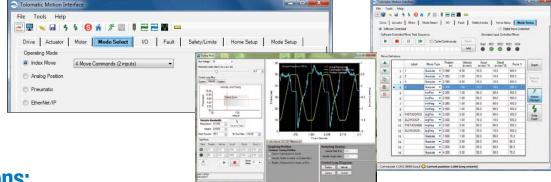
ACS STEPPER DRIVE/CONTROLLER & STEPPER MOTORS



Easy to Use Operating Modes & Configuration Software



- Index position via digital I/O
- Pneumatic Logic
- Analog Position
- Ethernet
 - -EtherNet/IP
 - -Modbus TCP
- Supports rotary actuator: position and velocity moves



Available Options:

Cables
3m, 5m or 10m lengths

Planetary Gearboxes Available ratios - 3:1, 5:1, 10:1 **Power Supply** 48 VDC; 5 Amp or 10 Amp



ACS STEPPER DRIVE/CONTROLLER & STEPPER MOTORS

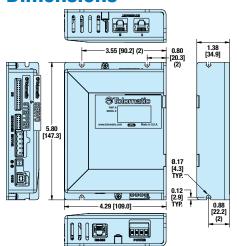
Drive Specifications

DRIVE POWER							
Current - Max	10 Amps						
Voltage Nominal	10 - 52V						
Over Voltage	55V						
Under Voltage	9V						
Absolute Maximum Voltage	60V						
Logic Current Draw (24V)	200 mA						

See ACS Hardware and Installation Guide (Stepper #3604-4183) for more details.

OPERATING CONDITIONS						
Ambient Temperature	25°C Nominal					
Operating Temperature	0 - 40°C					
Storage Temperature	0-70°C					
Humidity	0 - 90% non-condensing					
Weight	0.27 kg					

Dimensions



Motor Specifications

		NEMA 11	NEMA 17	NEMA 23		NEMA 34	
		AMS1A1	AMS1B1	AMS1C1	AMS1C2	AMS1D1	AMS1D2
Resistance	Ohms	3.5	2.4	1.5	0.39	0.138	0.188
Inductance	mH	2.3	4.5	3.7	1.53	1.13	2
Rated Current	Amps-Peak/ Phase	1	1.5	2	5	10	10
Max. Torque	N-m	0.21	0.59	0.85	1.51	2.75	6.0
Maximum RPM		1800	2000	1200	2000	2000	1850
Degree per Step		1.8°	1.8°	1.8°	1.8°	1.8°	1.8°
Rotor Inertia	kg-mm ²	1.76	8.19	21.95	38.92	94.82	159.78
Motor Weight	kg	0.20	0.36	0.55	1.00	1.60	2.70
ı	Motor Type Bipolar Stepper, 1.8° per Step						
	Encoder	Differential; 500 line/rev (2000 count post quad)/rev					



See ACS brochure (#3600-4185) for dimensions and more details.



3D CAD available at www. tolomatic.com Always use configurated CAD solid model to determine critical dimensions

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