# DC t∈chnology:

## **Single Phase DC Drives for OEMs**

### Model 370 ... OEM Chassis Drives

Compact, DC drives designed for low cost, non-regenerative, non-isolated machine controls.

#### **Basic Specification:**

Rating: 1/4hp at 90VDC, 1/2hp at 180VDC Maximum and minimum speed settings

Current limit Acceleration pot

Suitable 110 or 230 volts, single phase, 50 or 60Hz (not isolated)

For use with permanent magnet or shunt field motors

Approval: CE



4" x 4" x 1.6" (100 x 100 x 40mm)

## Models 400, 800, 1200 ... OEM DC Drives (up to 2hp)

Versatile, basic, low cost drives suitable for wide range of machine control applications

IV	/lodel	Amps	Description	@ 180VDC	@ 90VDC	Dimensions
4	.00	4 amps	Open chassis with screw terminals	0.75hp	0.38hp	5.2"x4.0"x1.6" (130x100x40mm)
8	00	8 amps	Open chassis with screw terminals	1.5hp	0.75hp	5.2"x4.0"x2.8" (130x100x70mm)
1:	200	12 amps	Open chassis with screw terminals	2.0hp	1.0hp	5.2"x4.0"x2.8" (130x100x70mm)
4	-00E	4 amps	Enclosed NEMA 1 with pot, switch, fuse	0.75hp	0.38hp	9.9"x7.0"x3.8" (250x177x95 mm
8	00E	8 amps	Enclosed NEMA 1 with pot, switch, fuse	1.5hp	0.75hp	9.9"x7.0"x3.8" (250x177x95 mm
1:	200E	12 amps	Enclosed NEMA 1 with pot, switch, fuse	2.0hp	1.0hp	9.9"x7.0"x3.8" (250x177x95 mm
4	00ERB	4 amps	Enclosed, pot, switch, brake, reverse, fuse	0.75hp	0.38hp	9.9"x7.0"x3.8" (250x177x95 mm)
8	00ERB	8 amps	Enclosed, pot, switch, brake, reverse, fuse	1.5hp	0.75hp	9.9"x7.0"x3.8" (250x177x95 mm)
1:	200ERB	12 amps	Enclosed, pot, switch, brake, reverse, fuse	2.0hp	1.0hp	9.9"x7.0"x3.8" (250x177x95 mm)

#### Standard features:

Linear torque control

Armature voltage or tach feedback with IR compensation

Calibration range switches (no component changes)

Speed reference 0-10V or 4-20mA

Maximum and minimum speed settings

Adjustable current limit

Independently adjustable up and down ramps

150% overload capacity with 30 second stall timer

Stall and Zero Speed relay driver outputs

Power fuse (up to 12 amps)

Power on and stall indicator LEDs

Stability adjustment

Speed, Ramp Speed and Current signal outputs

International supply voltages 110 / 230 VAC, 50/60hz (not isolated)

Suitable for shunt wound or permanent magnet motors

Approvals: CE

