worldwideelectric.com
(800) 808-2131

Rotary Phase Conveter Motors

- **Shaftless induction Motor**
- **Single-phase to three-phase,**
- **Output: 3 - 60 hp**
- **1800 rpm**
- **Frame Sizes: 182T - 364T[1]**
- **208-230/460 Volts at 60 Hz**
- **1.15 Service Factor**



MORE INFO

North American Electric
A WORLDWIDE ELECTRIC COMPANY

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Construction

- Totally Enclosed Fan Cooled (TEFC) Enclosure
- Frame Sizes182T–364T
- F1/F2 reversible
- Dual-drilled feet for mounting flexibility
- Lifting provisions on 143 frame and above
- Class F insulation system; Class B rise at full load; Class H Vacuum Pressure Impregnation (VPI) resin for all windings
- Stainless steel nameplate and zinc plated hardware, corrosion resistant epoxy paint
- Spike resistant inverter duty wire
- IP55 protection
- Condensation drains with plugs
- Sealed bearings
- 40 °C ambient continuous duty
- Windings rated for 2200 V peak voltage spikes

Applications

- Creates a complete phase convertor system when combined with a control panel/phase convertor*.
- Ideal for running various equipment in engineering workshops, such as metalworking and woodworking drill presses, saws, lathes, welders, compressors, and ovens.
- The size of the system, and hence the hp of the motor, depends on the equipment load. They are used where it would typically be difficult or expensive to supply three-phase power.

Example Loads

- 3 - 10 hp: Freezers, Air Compressors, Blowers, Vacuums, Cryo-Chambers
- 15 - 20 hp: Drill Press, Milling Machines, Saw Motors
- 25 - 60 hp: Ovens, Welders, Battery Chargers, Transmitters, Resistive Loads

1 Not all combinations of HP, frame and styles may be possible.
* This is a rotary phase converter induction motor, it is NOT a complete phase converter system.
* Control Panel/Phase Convertor not included.

WORLDWIDE ELECTRIC CORPORATION

Responsive
Service & Technical Support

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