# ALWAYS RIGHT, DESIGN TO DELIVERY....



#### OHIO ELECTRIC MOTORS ENGINEERING PROVIDES YOU:

- Custom Engineering Design Software created by our knowledgeable staff
- Solid Edge Software for Blueprint Creation
- AS-400 Database to review previous designs
- Professional/Experienced Engineering Staff
- Fully Equipped Laboratory including a 30 HP Dynamometer and 500 AMP Testing Capability

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#### OHIO ELECTRIC QUALITY ASSURANCE PROVIDES YOU:

- ISO-9001/2008 Certified
  - Extensive gauge calibration (NIST Standards)
  - Documented procedures for all aspects of production
- All Machining Operations Undergo First Piece Inspections
   Modern CMM Machines insure accuracy
- 100% End of Line Testing
  - Every motor tested to insure peak performance and reliable operation
  - All motors backed by an 12-month warranty
- Supplier Quality is Continuously Monitored
  - Allows use of certified vendors
  - Insures use of high quality raw materials

### THE RIGHT CHOICE FOR YOUR MOTOR NEEDS... OHIO ELECTRIC MOTORS!

Ohio Electric Motors, Inc. is a premier manufacturer of DC motors. For over 90 years, customers have known they can rely on our quality motors to meet their needs.

#### **OHIO ELECTRIC MOTORS, INC. MANUFACTURES QUALITY:**

- Permanent Magnet DC Motors in NEMA 42, 48, 56 and 180 Frames
  - 1/8 through 7 HP for Battery Power
  - Rectified and SCR Rated Power Supplies
  - 500 to 5000 RPM
- Custom Wound Field Motors from 5.0"- 8.0" in diameter
- Custom Designed Motors for numerous applications like electric vehicles, lawn mowers, conveyors, water craft, arcade games, switch gears and more
- Brushless Motors Ferrite magnet type, continuous duty rated for standard or high speed application. Available in NEMA 42 frame - 48 up to 1 HP. Available in low voltage up to 320 VDC, 3-phase motor and other custom options.

When we say quality, we mean it. When we construct your motor, we build it to provide reliable, superior service. Every motor we make is 100% end of line tested to insure top quality and maximum performance.

Established in 1917, Ohio Electric Motors, Inc. has assisted thousands of customers. Manufacturing custom design and standard motors for numerous market uses, Ohio Electric Motors, Inc. is located in Western North Carolina. Our modern facility is over 70,000 square feet and our production process utilizes the latest concepts in manufacturing techniques.

Ohio Electric Motors, Inc., Barnardsville, NC.

Ohio Electric Motors, Inc. is committed to total customer satisfaction. These goals are achieved by high quality products, delivered on time at a competitive price.

**Ohio Electric Motors, Inc.** is an affiliate company of **HBD Industries, Inc.** HBD manufactures quality, application-engineered custom designed and standard industrial products serving many diverse industries and markets. Products manufactured by HBD Industries, Inc. include: AC/DC/BLDC electric motors, aerospace precision components, budding strips, cemented tungsten carbide parts, closed die forgings, coated rubber fabrics, conveyor belting, drives, ducting, gear reducers, hose (automotive, aviation, hand-built, industrial, marine and petroleum), material handling products (metal separators/detectors and electromagnetic lifting equipment), power transmission belts, rubber bands, rubber roll coverings and ventilation equipment (fans and blowers).

For complete details on HBD Industries, Inc., log onto www.hbdindustries.com.

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## **OHIO ELECTRIC PRODUCTION CAPABILITIES PROVIDE YOU:**

- Fully Trained Personnel Documented work instructions for every operation
- On-Site, State-of-the-Art Equipment includes:
  - CNC Machining

  - CNC Machining
    Shaft Splining
    Automated Magnetizing
    Heat Treating
    Electro Static Epoxy
    Automated Coiling, Winding, Commutator Slotting and Palancian

  - Commonator Storming and Balancing
    Varnishing
    Welding/Painting/Special Fabrication
- Work Stations Linked to Engineering insure that all parts are manufactured to the latest revisions
- Commitment to Continuous **Improvement and On-time Deliveries**







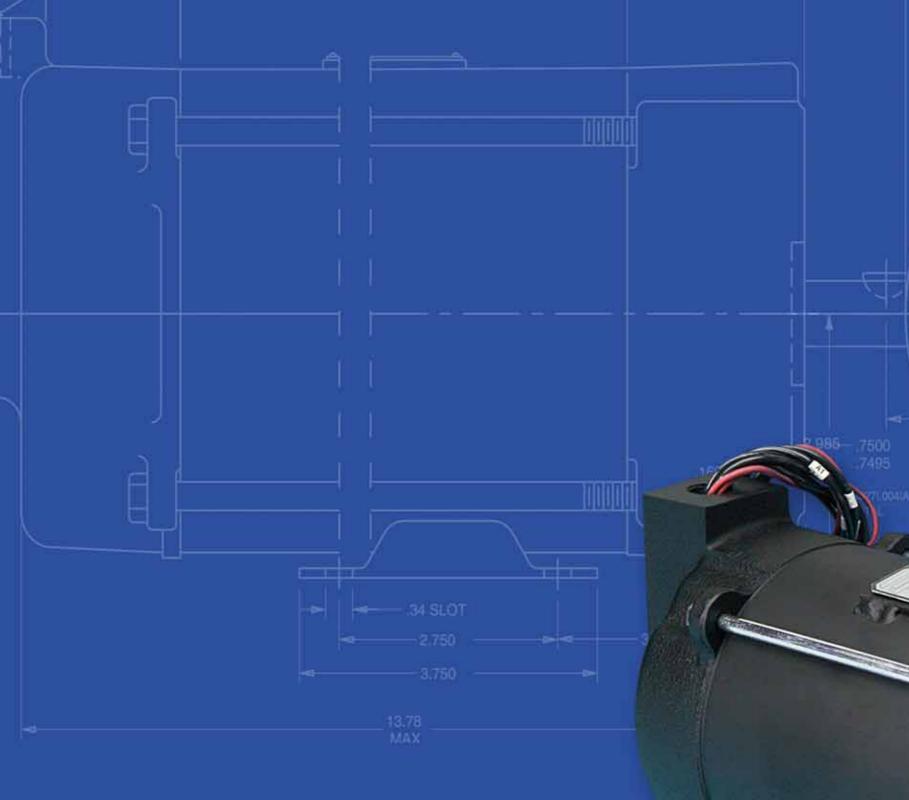


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AFFILIATE OF **HBD** INDUSTRIES, INC.





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30 Paint Fork Road, P.O. Box 168 • Barnardsville, NC 28709-0168 Phone: 828/626-2901 • Fax: 828/626-2155 • E-mail: sales@ohioelectricmotors.com

Websites: www.ohioelectricmotors.com • www.hbdindustries.com

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