


STOCK MOTOR PRODUCTS




SINGLE PHASE (TEFC)

- 1/3 - 10 hp: 1800 RPM
- 115/ 230V Through 2 hp, 230V for 3 hp and Above
- 1.15 Service Factor, Continuous Duty
- Manual Reset Overload Protection
- Extra High Torque for Tough Applications (e.g. Farm Duty)




STAINLESS STEEL WASHDOWN MOTORS

- 3/4 - 10 hp: 3600, 1800 & 1200 RPM
- TEFC (IP56)
- All Stainless Steel Construction
- All Motors Come with a C-Face Kit
- UL Recognized and CSA Approved
- Self-Certified for Class 1, Div 2, Groups B, C & D; Temp Code T3C




ROLLED STEEL MOTORS

- 1/3 - 40 hp (ODP), 1/3 - 10 hp (TEFC): 3600, 1800, 1200 RPM
- 230/ 460V, Useable on 200 & 208 Volt Systems
- Motors 1 hp and Above are NEMA Premium Efficient
- Wound with Inverter Duty Wire
- 1.15 Service Factor, Continuous Duty Rated
- Multiple Mountings for 56 and 140T Frames, Dual Mountings on 180T and Larger




MAX-HT™

- High Torque Crusher Motors
- 20 - 150 hp at 230/ 460V; 460 V above 150 hp
- 100 - 900 hp at 2300/ 4160V
- TEFC (IP55)
- NEMA Design C (Locked Rotor Torque 200% FLT)
- High Strength Steel Shaft, AISI 4140 Material
- Suitable for Vertical Mounting for Vertical Impact Crushers




CAST IRON MOTORS

- 1 - 500 hp: 3600, 1800, 1200 RPM
- 230/ 460V through 125 hp, 460V for 150 hp and Larger
- Some Ratings are Available in 575V
- Suitable for Inverter Duty with 20:1 Variable Torque and 10:1 Constant Torque Speed Ranges
- All Cast Iron Construction




EXPLOSION PROOF (Division 1, Zone 1)

- 1 - 300 hp: 3600, 1800, 1200 RPM
- Class 1, Group D: Class 2, Groups E, F & G
- Class 1, Group C on 20 hp and Below
- Wound with Inverter Duty Wire
- UL Approved for Inverter Duty
- Footed C-Face and Round Body C-Face Stocked up to 100 hp




MAX-PE™

- 1 - 200 hp: 3600, 1800, 1200 RPM
- Dual Rated for Both 60 & 50 Hz, 230/ 460 or 190/ 380V
- Meets or Exceeds NEMA Premium Efficiency Levels
- Cast Iron Frame and End Brackets
- Rolled Steel Terminal Box and Fan Cover
- UL Recognized, CSA Certified and CE Marked
- Footed C-Face Stocked Up to 100 hp




CLOSED COUPLED PUMP MOTORS (JM/JP)

- 1 - 50 hp (TEFC) and 1 - 40 hp (ODP)
- 3600, 1800 & 1200 RPM
- CE Marked
- Meets EISA Efficiency Requirements
- TEFC Motors have Cast Iron Frames
- ODP Motors have Rolled Steel Frames




MAX-E1®

- 3/4 - 800 hp: 3600, 1800, 1200, 900 RPM
- NEMA Premium Efficiency, 500 hp and Below
- 230/ 460V Through 125 hp, 460V for 150 hp and Larger
- Some 575V Stocked Through 125 hp
- CSA and UL Approved for Inverter Duty per NEMA MG-1, Part 31
- CSA Certified for Class 1, Div 2, Groups B, C & D; Temp Code T3C
- Footed C-Face and Round Body C-Face Stocked up to 300 hp



OIL WELL PUMP MOTORS

- 5 - 125 hp (ODP): 1200 RPM
- 75 - 100 hp (TEFC): 1200 RPM
- Open Drip Proof (IP22) with Rodent Screens
- NEMA Design D, High Slip (Min. 5%)
- 230/ 460V only, 60 Hz
- Standard with Klixon Temperature Limiting Device
- All Cast Iron Construction




MAX-E2/841®

- 1 - 500 hp: 3600, 1800, 1200 RPM
- Meets or Exceeds IEEE 841 Standards
- INPRO™ Seals
- All Cast Iron Construction
- CSA Certified for Class 1, Div 2, Groups B, C & D; Temp Code T3C
- CSA and UL Approved for Inverter Duty per NEMA MG-1, Part 31
- Footed C-Face and Round Body C-Face Stocked Up to 100 hp



GLOBAL SERIES® MEDIUM VOLTAGE

- WPI Enclosures, 100 - 1000 hp in Stock
- TEFC Enclosures, 100 - 1750 hp in Stock
- 2300/ 4160V Dual Voltage
- Vacuum Pressure Impregnated Form Wound Coils
- 120V Space Heater and 100 Ohm (Pt) Winding RTD's 2/ Phase
- TEFC Design Meets the NEMA Premium Standards
- Multiple Modifications Available for Customization



MAX-VH™/ MAX-VHP™

- 7.5 - 400 hp: 1800 RPM Only
- Vertical High Thrust Motors
- Weather Protected Type 1 (WPI) Enclosure
- Standard with Ball Type Non-Reversing Ratchet
- Upper Coupling Changeable to Multiplier Diameters
- Steady Bushings Available
- Wound with Inverter Duty Wire




FIRE PUMP MOTORS

- Horizontal: ODP Rolled Steel, High Efficiency 1/3 - 3 hp
- Horizontal: ODP Rolled Steel, NEMA Premium Efficiency 1 - 40 hp
- Horizontal: ODP Cast Iron, NEMA Premium Efficiency 1 - 400 hp
- VHS, WPI, 7.5 - 400 hp
- 3600, 1800, or 1200 RPM
- 60 Hz, 230/ 460V (460V Only Above 150 hp)
- Safety Red Paint Available as an Option


ENGINEERED PRODUCTS

TECO-Westinghouse Motor Company is a leading manufacturer of electric motors, with a full line of induction, synchronous, and DC motors and generators available from 1/3 hp to 100,000 hp. We also supply motor controls and provide engineering services, genuine Westinghouse renewal parts, and large motor repairs.



WORLD SERIES®

- 250 – 30,000 hp AC Induction Motors
- Thermalastic® Epoxy Insulation System
- Rugged Thru-Bolt Construction and End Rings
- Copper or Copper Alloy Rotor Bars
- Anti-Friction or Spherically-Seated, Self-Aligning, Split-Sleeve Bearings
- High Efficiency Designs for Reduced Life-Cycle Costs
- API 541, PAM, and Marine Duty Designs Available




SGMV MOTORS IN STOCK

- 800 hp – 3000 hp Induction Motors Available from Stock
- 3600 RPM; 2300/ 4160V; WP2 Enclosure
- Ideal for H-Pump Applications
- Suitable for Class 1, Div 2, Groups B, C & D; Temp Code T3C
- Bi-directional, F1 and F2
- Inverter Duty Design
- Anti-friction or Spherically Seated Self-Aligning, Split-Sleeve Bearings
- Air Filters & Differential Pressure Switch Included




SYNCHRONOUS MOTORS

- 1000 – 100,000 hp
- Anti-Friction or Spherically-Seated, Self-Aligning, Split-Sleeve Bearings
- Brush or Brushless Excitation
- Thermalastic® Epoxy Insulation System
- High-Speed and Slow-Speed Designs Available
- VFD Applications Available
- Special Mill and Marine Duty Designs Available



DC MOTORS

- Ratings up to 35,000 hp for the Metals, Mining, Marine, and Special Application Markets
- Special Insulation Coatings to Maintain High Insulation Resistance over Life of the Motor
- “Balanced Spring” Commutator to Assure Long Brush Life and Minimal Maintenance
- Rugged Armature Featuring Keyless Fits
- Rugged Spiders Smoothly Transmit Torque
- Heavy-Duty Stators Offer Proven, Long Lasting Reliability
- Spherically-Seated, Self-Aligning, Split-Sleeve Bearings




WOUND ROTOR MOTORS

- Available from 25 – 20,000 hp
- Continuously Rated Slip Rings and Brushgear
- Heavy-Duty Rotor Construction for Dependable Service
- Thermalastic® Epoxy Insulation System
- Advanced Bearing System for Reliable Performance
- Rugged Frame Construction for Strength and Reliability
- Brush Lifting and Short Circuiting Devices Available
- Secondary Control Also Available



LARGE MOTOR SERVICE

- Repair and Refurbish all Brands of Large Motors
- Engineering Studies and Evaluations
- Expert Field Service and Technical Assistance
- Redesign and Upgrade of Westinghouse and TWMC Motors
- Repairs Using OEM Materials and Process for Longer Life
- Engineered Solutions to Large Motor Problems
- High Voltage (to 13.8kV) Repairs with Global VPI
- Dual Frequency Load Testing
- Service Division Hotline
888-754-5006



RENEWAL PARTS

- Renewal Parts for Over 500,000 Westinghouse and TECO-Westinghouse Form Wound/ High Voltage Motors Built in Pittsburgh, PA; Buffalo, NY; and Round Rock, TX.
- Engineered Replacement Components
 - AC Rotors and Stators
 - DC Armatures, Field Frames, and Commutators
 - Field Pole Assemblies
 - Replacement and Improved Design Cooling Packages (WP11, TEWAC, and TEAAC)

