

NELSON ELECTRIC MOTORS

BALDOR

General Information

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Single Phase Motors

TEFC
ODP

General Purpose and Standard-E® Motors

TEFC, TENV
ODP

Super-E® Premium Efficient Motors

TEFC
F2 Mount, TEFC
Explosion Proof, TEFC
ODP
F2 Mount, ODP
Washdown, TENV and TEFC

Super-E, All Stainless Steel, TEFC and TENV

Close-Coupled Pump, TEFC and ODP
Single Phase, TEFC
Single Phase, ODP

C-Face Motors

Single Phase, TEFC
Single Phase, ODP
Three Phase, TEFC and TENV, Less Base
Three Phase, ODP, Less Base
Three Phase, TEFC, With Base
Three Phase, ODP, With Base
Foot or C-Face Mounting, TENV, Removable Base

Severe Duty Motors

Three Phase, Washdown Dirty Duty®
Three Phase, 460 & 230/460 Volt, Rigid Base
Three Phase, Super-E, 575 Volt, Rigid Base
Three Phase, 460 & 230/460 Volts, C-Face
Three Phase, IEEE 841, 460 Volts, Rigid Base and C-Face
Three Phase, IEEE 841, 575 Volts, Rigid Base
Three Phase, Medium Voltage, 2300/4160 Volts, Rigid Base
Three Phase, Quarry Duty Motors, TEFC, Design C, High Torque
Three Phase, Crusher Motors, TEFC, 460 Volt, Rigid Base
Three Phase, Dirty Duty®

Washdown Duty Motors

Single and Three Phase, TENV and TEFC
Three Phase, Super-E® Brake Motor TEFC and TENV
Three Phase, Washdown Dirty Duty®
Three Phase, Feather Picker, TEFC
Three Phase, Paint-Free, TEFC and TENV
Three Phase, SSE Super-E, All Stainless Steel, TEFC and TENV
Three Phase, All Stainless Steel, TEFC and TENV
Three Phase, Inverter, Paint Free Washdown
Three Phase, Vector, Washdown

Explosion Proof Motors

Single and Three Phase, Rigid Base
Single and Three Phase, C-Face
Three Phase, 1.15 Service Factor
For Explosion-Proof Inverter Motors, see page 165

Pump Motors

Single Phase, Jet Pump, TEFC and ODP
Three Phase, Jet Pump, TEFC
Three Phase, Jet Pump, ODP
Explosion Proof, Jet Pump
Square Flange, Pump, ODP
Single Phase, Close-Coupled, TEFC and ODP
Three Phase, Washdown, Close-Coupled, TENV and TEFC
Three Phase, Close-Coupled, TEFC and ODP
Three Phase, Close-Coupled, Explosion Proof
Three Phase, P-Base Vertical, 1.15 Service Factor, TEFC
Three Phase, P-Base Vertical, 1.15 Service Factor, ODP

Commercial Duty Motors

Single Phase, Jet Pump, ODP
Single Phase, Two Compartment, Jet Pump, ODP
Single Phase, Square Flange Pump, ODP
Single Phase, General Purpose, ODP, Resilient Base
Single and Three Phase, HVAC, Open Air-Over, Resilient Base
Single and Three Phase, Direct Drive Fan, TEAO
Split Phase, Fan and Blower, ODP, Resilient Base
Incubator/Hatchery Vent Fan, TEAO
Single Phase, Condenser Fan, TEAO
Single Phase, Indoor Blower, ODP
Single Phase, Yoke/Pedestal Fan, TEAO

Heating, Ventilating and Air Conditioning Motors

Single and Three Phase, Fan and Blower, ODP, Resilient
Three Phase, Chiller/Cooling Tower, TEAO
Three Phase, ODP, Resilient Base
Three Phase, Super-E & Standard-E, ODP
Three Phase, ODP, Resilient and Rigid Base
Three Phase, HVAC, Variable Torque, ODP
Three Phase, HVAC, Variable Torque, TEFC
Single Phase, Direct Drive Fan, TEAO
Three Phase, ODP, Condenser Fan
Three Phase, TEAO

Farm Duty Motors

Single Phase, Rigid Base and C-Face
Three Phase, TEAO, Rigid Base
Single and Three Phase, Grain Dryer/Centrifugal Fan
Single and Three Phase, Grain Dryer/Vane Axial Fan
Single Phase, Universal Crop Dryer
Three Phase, Irrigation Tower Drive
Single Phase, Auger Drive, Flange Mount
Single Phase, Grain Stirring
Single Phase, Instant Reversing
Single and Three Phase, Aeration Fan
Single Phase, Dairy/Vacuum Pump

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Definite Purpose Motors

- Three Phase, Two Speed, TEFC
- Three Phase, Two Speed, ODP
- Single Phase, Pressure Washer, TEFC and ODP
- Three Phase, Metering Pump, TEFC
- Three Phase, Arbor Saw, TEFC
- Single Phase, Woodworking, TEFC
- Three Phase, Chiller/Cooling Tower, TEAO
- Single and Three Phase, Pre-1952 NEMA
- Three Phase Continuous Duty SAE Hydraulic Pump Motors
- Three Phase, F-2 Mount, TEFC and ODP
- Three Phase, Automotive, TEFC
- Three Phase, Automotive, TENV
- Three Phase, Oil Field Pump, TEFC and ODP
- Single Phase, Gate Operator, ODP
- Single Phase, Door Operator, ODP

Brake Motors

- Three Phase, Super-E®, TEFC
- Single and Three Phase, TEFC
- Single and Three Phase, C-Face, TEFC
- Three Phase, ODP
- Three Phase, Explosion Proof, C-Face
- Double C-Face Brake Kits
- Three Phase, Super-E® Washdown, TEFC and TENV
- Three Phase, High Cycle

200 and 575 Volt Motors

- Three Phase, 200 Volt, TEFC
- Three Phase, 200 Volt, ODP
- Three Phase, 575 Volt, TEFC
- Three Phase, 575 Volt, ODP
- Three Phase, 575 Volt, Severe Duty, TEFC
- Three Phase, 575 Volt, IEEE 841
- Three Phase, 575 Volt, C-Face, TEFC
- Three Phase, 575 Volt, Close-Coupled, TEFC and ODP
- Three Phase, 575 Volt, Explosion Proof

IEC Frame Motors

- Three Phase, Metric IEC Frame
- Three Phase, TEFC (IP54), Rigid Base (IEC-B3)
- Three Phase, TEFC (IP54), Flange (IEC-B5)
- Three Phase, TEFC (IP54), B14 Face (IEC-B14)
- Metric Frame Weld on Bases
- Three Phase, TEFC (IP54), B3 Face (IEC-B5, B14)

50 Hertz Motors

- Single Phase, NEMA, TEFC and ODP
- Three Phase, NEMA, TEFC and ODP
- Single and Three Phase, NEMA, TEFC, C-Face
- Single and Three Phase, NEMA, Explosion Proof, C-Face

Inverter and Vector Motors and Controls

- AC Motor Adjustable Speed Range Capabilities
- Three Phase, Inverter, TEBC and TENV
- Three Phase, Inverter, Washdown, TENV
- Inverter Gear Motor, TEFC
- Three Phase, Inverter, Paint Free Washdown
- Three Phase, Inverter, Explosion Proof

Inverter and Vector Motors and Controls continued...

- Three Phase, Vector, TEBC and TENV
- Three Phase, Vector, Washdown, TEBC and TENV
- Three Phase, Vector, Washdown, TENV
- Three Phase, Vector, Elevator Duty
- Blower Conversion Kits
- Cables and Kits
- Series 15J Mini Inverters
- Dynamic Braking Assemblies, Keypad with Cable
- Series 15P Mini Inverter
- Dynamic Braking Assemblies
- Series 5 Micro Inverters
- SmartMotor® 230 and 460 Volts
- SmartMotor® Washdown, TEFC, 230 and 460 Volts
- SmartMotor® Close-Coupled Pump, 230 and 460 Volts
- Cover with Keypad Jack
- Keypad with Cable, Keypad Mounted Covers
- SmartMotor® Dimension Diagrams
- H2 Inverter/Encoderless Vector
- H2 Inverter/Encoderless Vector, 230 Volts
- H2 Inverter/Encoderless Vector, 460 Volts
- H2 Inverter/Encoderless Vector, 575 Volts
- H2 Washdown Inverter/Encoderless Vector
- H2 Washdown Inverter/Encoderless Vector, 115/230 Volt
- H2 Washdown Inverter/Encoderless Vector, 460 Volt
- H2 Washdown Inverter/Encoderless Vector, 575 Volt
- H2 Vector Drive
- H2 Vector Drive, 230 Volts
- H2 Vector Drive, 460 Volts
- H2 Vector Drive, 575 Volts
- H2 Drive Keypad Extension Cable
- H2 Drive Dynamic Braking Assemblies
- H2 Drive Expansion Boards
- Series 15H Inverter
- Series 15H Washdown Inverter
- Series 18H Vector Drive
- Series 18H Washdown Vector
- Series 22H Line Regenerative Vector
- Control Accessories
- Three Phase, Line and Load Reactors
- Digital Speed Potentiometer
- Digital Tachometers

DC Motors and Controls

- SCR Permanent Magnet Motor, TENV and TEFC, C-Face
- Subractional Permanent Magnet DC Motor, TENV
- Permanent Magnet SCR Drive Motor with Integral Tach
- Permanent Magnet SCR Drive Motor, Explosion Proof
- Permanent Magnet SCR Drive Motor, Washdown
- Permanent Magnet SCR Drive Motor, Paint Free
- Metric Flange Permanent Magnet SCR Drive Motor
- Low Voltage Permanent Magnet Motor
- DC Power Motor
- SCR Drive Motor, Shunt Wound
- SCR Drive Motor, Shunt and Stabilized Shunt Wound DPFPG
- SCR Drive Motor, Shunt and Stabilized Shunt Wound DPBV
- SCR Drive Motor, 240V Armature
- SCR Drive Shunt Wound

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DC Motors and Controls continued...

- Lifting Magnet Generators
- Tachometer Mounting Kits and Cooling Blowers
- Tachometer Generators
- Field Conversion Kits
- Fractional Hp DC Speed Controls
- NEMA 1 Enclosed DC Controls and Accessories
- Chassis Mount DC Controls
- Resistor and Fuse Kit
- NEMA 4X DC SCR Control and Accessories
- Line Regenerative DC Controls and Accessories
- NEMA Enclosed DC Control Specifications
- Chassis Mount DC Control Specifications
- Series 29 Digital DC Controls
- Series 30 Digital DC Controls
- Series 19H Digital DC Controls
- Series 20H Digital DC Controls
- Digital Speed Potentiometer
- Field Programmable Digital Tachometer
- Hall Effect Pickup
- Digital DC Controls

Soft Starters and Dynamic Brakes

- Digital Soft Start Controls
- Digital Soft Start Controls, Dimensions and Accessories
- Multipurpose Soft Start
- Multipurpose Solid State Soft Start
- Single Phase Starter
- Definite Purpose Soft Start
- Three Phase Torque Control
- Multipurpose Dynamic Brake

Gearmotors and Speed Reducers

- Single Phase, Right Angle, Gearmotor
- Inverter, Right Angle, Gearmotor
- Three Phase, Right Angle, Gearmotor
- Single Phase, Parallel Shaft, Gearmotor
- Three Phase, Parallel Shaft, Gearmotor
- DC Permanent Magnet, Right Angle, Gearmotor
- DC Permanent Magnet, Flange Mount, Right Angle, Gearmotor
- DC Permanent Magnet, Parallel Shaft, Gearmotor
- 900 Series, Right Angle, Solid Shaft, Reducer
- 900 Series, Right Angle, Hollow Shaft, Reducer
- Stainless Steel, Right Angle, Solid Shaft, Reducer
- Stainless Steel, Right Angle, Hollow Shaft, Reducer
- Washdown, Right Angle, Solid Shaft, Reducer
- 900 Series, Right Angle, Coupling Type Solid Shaft, Reducer
- 900 Series, Right Angle, Solid Shaft, Reducer
- 1/4 - 2 Hp Gearmotors
- Universal Series, Right Angle Solid Shaft, Reducer
- 1000 Series Inline, Solid Shaft Reducer
- 1000 Series Right Angle, Hollow Bore, Reducer
- Ratio Multiplier, Solid Shaft, Reducer
- Base Kits
- Flange, Riser Block and Torque Arm Kits
- Flange, Bushing and Double Reduction Adapter Kits
- Gear Reducer Selection and Application Data

Motor Accessories

- Field Conversion Kits
- C-Face, Motor Brake and D-Flange Kits
- Drip Cover Kits
- Fan Cover/Conduit Box Kits
- Ball Bearing Kits
- Gear Motor Accessories
- Adjustable Motor Bases
- Conversion Bases and Metric Weld-On Bases
- Grinders
- Industrial Grinders
- Belt Grinders
- Industrial Buffers
- Big Red Grinders
- Grinder Accessories
- Grinder Wheels
- Polishing Lathes and Chucks
- Dust Collector Bags
- Generators
- Premier Portable
- Powerchief® Portable
- Powerchief® with Inverter Technology
- Diesel Portable
- Generator Accessories