



**WORLDWIDE**  
ELECTRIC CORPORATION

# Oil and Gas

Reliable and Efficient Motors, Controls,  
Gear Reducers, and Generators

## Avoiding Equipment Failure & Reducing Downtime

Worldwide Electric's distributors partner with oil and gas operators and service companies to ensure their equipment is operational and working as efficiently as possible — day in, day out. We specialize in low and medium-voltage motors for harsh environments, hazardous locations, and custom recovery methods. We manufacture products specifically for pump jacks, salt water disposal, progressive cavity pumps, vapor recovery, mud pump applications, and variable frequency drives, and soft-starters for reliable and cost-efficient control.

**Contact:**

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**Call:**

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**Email:**

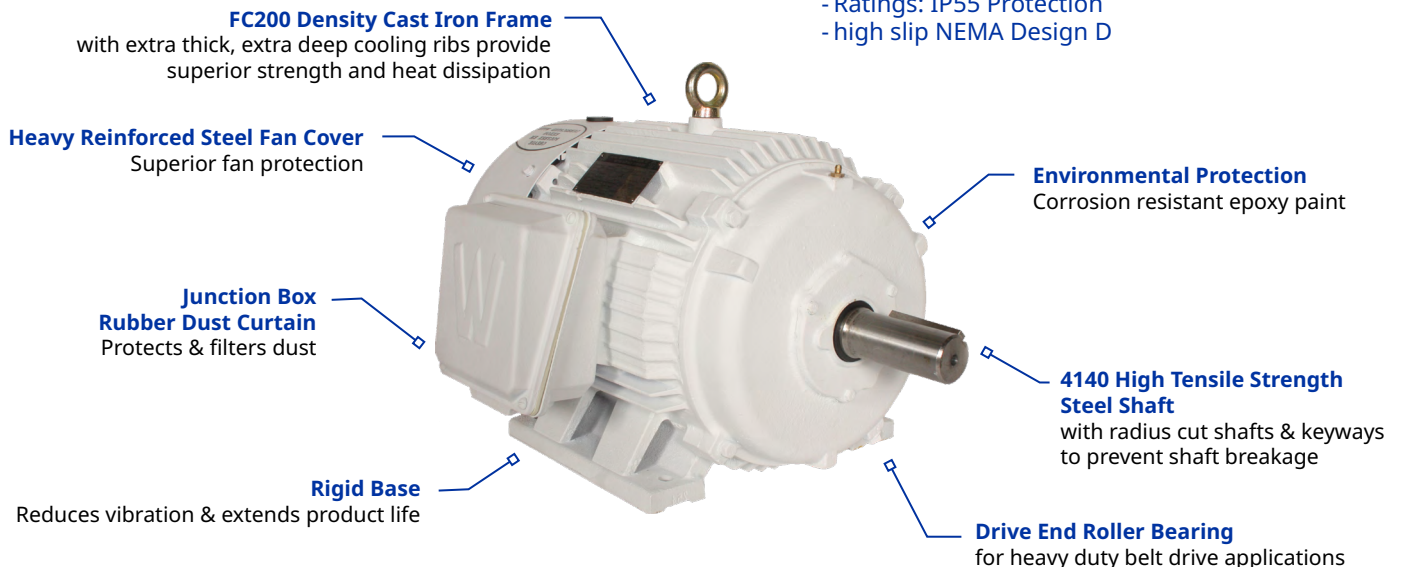
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## Oil Well Pump Motor

Three-phase motors with high starting/breakdown torque performance are designed for maximum runtime in harsh environments present in the oil and gas industry.

### Quick Specs

- Output: 3 - 150 hp
- Speed: 1200 and 900 rpm
- Voltage: 230/460/796 Volts at 60Hz
- Service Factor: 1.15 SF
- Enclosure: Totally Enclosed Fan Cooled (TEFC)
- Ratings: IP55 Protection
- high slip NEMA Design D



## Variable Frequency Drives, Chassis and Enclosed Packages

Total control of your motor applications, from general purpose to severe duty.

- WorldDrive FC, G2, 4X, or N700E models available
- ½ - 800 hp ratings
- 230 and 460 Volt options
- Single-phase and three-phase
- Volts to frequency, slip compensation, and sensorless vector control modes
- Output Frequency 0.01 - 400 Hz
- Carrier Frequency 1 - 15k Hz
- NEMA 3R, 4, and 12 enclosure options



## Explosion Proof Motors

Totally Enclosed Fan Cooled Explosion Proof (TEXP) enclosure, designed for industrial applications with the presence of highly combustible, pervasive materials. Fully tested and certified for explosion proof classification in Class 1 Division 1 Groups C & D and Class 2 Division 1 Groups F & G.



- Totally Enclosed Fan Cooled Explosion Proof (TEXP)
- 1 to 300 hp | 3600, 1800, and 1200 rpm
- 230/460 Volt (1 to 100 hp), 460 Volt (125 to 200 hp)
- IP55 protection
- Rigid base (T/TS) or C-Face with feet (TC/TSC)
- Premium efficiency (1 to 200 hp)
- Inverter duty, 5:1 CT / 10:1 VT (1 to 200 hp)

## Motor Soft Starters, Chassis and Enclosed Packages

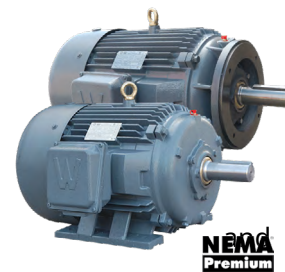
Protect against undue load and torque on your motors. Options for standard, heavy, non-combination, and positive displacement (PD) applications.

- WorldStart WSE or WSiQ
- 5 - 900 hp ratings
- 230, 460, and 575 Volt options
- 2-SCR and 3-SCR Products
- Run-rated internal bypass
- Adjustable current limit 250% to 450%
- Adjustable Motor Trip Class: 2 to 20 seconds
- IP20 19 to 100 A: IP00 140 to 200 A
- True 3-Phase Starter, 350% FLA for 30 seconds
- NEMA 4 enclosures with WorldStart WSE or WSiQ



## Premium Efficient, Severe Duty Motors

Reliable, high performance motors well-equipped to power anything from plunger pumps and jet pumps to fans, compressors, blowers, and hydraulic power units.



- 1 to 500 hp | 3600, 1800, 1200, and 900 rpm
- Frame size 143T to 586/7, rigid base or C-Face & feet (TC)
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- IP55 protection | CSA certified | CC006A

## Positive Displacement Pump Enclosed Packages and Panels

Motor Soft Starter and Variable Frequency Drive Packages for demanding start-up, control and protection needed for PD applications, incl. oil and gas, salt water disposal, irrigation, jet pump, etc.

- 3 - 800 hp | Single-phase and three-phase
- Start-rated bypass contactor
- CT and VT ratings
- Multiple control options, incl. "Murphy Switches"
- Full skid control and programming options
- NEMA 3R AND NEMA 4 enclosures



## Generators

AC synchronous generators rated for standby or continuous duty to a wide range of equipment, such as pumping systems, pivot systems, and light towers. Built to IEC 600341-1 & -2 requirements, BS4990 & 5000, NEMA MG1 2006, CSA, and CE



### Single & Double Bearing

- 4-2100 kW for industrial applications
- Self-ventilated for reliability
- Single-Phase or Three-phase
- Brushless 4 pole at 1800 RPM
- Brushless 2 pole at 3600 RPM

### Pancake-style

- Ideal for lighttower applications
- 2-pole units, 60 Hz, 3600 RPM or 50 Hz, 3000 rpm
- 4-pole units, 60 HZ, 1800 RPM or 50 Hz, 1500 rpm
- Dual and single frequency model option