



# Oil Well Pump

**Reliability *in motion***<sup>®</sup>

- High Efficiency Design
- NEMA Design D (5 to 8% Slip)
- All Cast Iron Construction
- Corrosion-Resistant Screens & Hardware
- F2 Assembly
- Thermal Protection

**2** Year  
Warranty

PRODUCT SCOPE	
Horsepower	5 to 100 HP
Speed	1200 RPM
Voltage	230/460/796 V
Enclosure	Open Drip Proof
Frame Size	215T through 444T
Construction	Cast Iron
Vibration (Unfiltered)	Typically 0.12 Inches/Second or Less
Insulation	Class F

# OIL WELL PUMP MOTORS



Toshiba's Oil Well Pump motor series shares the same superb quality as other Toshiba open drip proof designs. This series is equipped to handle the harshest of environments including installations in remote locations where the motor cannot be easily accessed. These motors are specifically built for use in the oil industry and offer a high-slip, high-torque design with protective screens to safeguard against outdoor elements. Exceptional corrosion-resistance and high structural rigidity are inherent in this type of motor, and reliability and durability are critical factors that differentiate this product from competitors' offerings.

## Oversized Bearings

Oversized bearings assure long life and quiet operation, making the Oil Well Pump motor suitable for use over a large range of applications.

## Efficient Ventilation

The motor's unique single-end or double-end ventilation assures maximum cooling with efficient and quiet operation.

## Distortion Free Frame

The high grade-25 cast iron frame, machined to close tolerance, guarantees accurate alignment and fit. Exceptional corrosion-resistance and high structural rigidity are inherent in this type of construction.

## Class F Insulation System

The Oil Well Pump motor contains a Class F insulation system with multiple dips and bakes in Class H epoxy varnish. An additional coating of motor varnish provides maximum protection against temperature, corrosion, abrasion, and moisture.

## Dynamic Balanced Rotor

The Oil Well Pump motor is precision built with specially designed rotor slots to minimize stray losses and improve torques. The pressure-cast aluminum rotor bars, integrally cast to the end rings and cooling fans, create a rugged, reliable, and quiet motor.

## Specially Designed, Large Cast Iron Conduit Box

The conduit box's large diagonally-split construction assures plenty of room to make proper connections. It is easily adjusted to 90° positions so that the conduit can be accessed from any direction. The conduit box can be located on either side of motor, standard is F2 assembly.

## Rugged Cast Iron End Brackets

The motor's drip proof and guarded end brackets, of cast iron construction, are precision machined to provide rigid alignments.

## Stainless Steel Nameplate

Long-life, corrosion-free, stainless steel nameplate complete with connection diagram is included.



**MOTORS    ADJUSTABLE SPEED DRIVES    CONTROLS    UPS    INSTRUMENTATION    PLC**

# TOSHIBA

**TOSHIBA INTERNATIONAL CORPORATION  
INDUSTRIAL DIVISION**

13131 West Little York Road, Houston, Texas 77041  
Tel 713/466-0277 Fax 713/466-8773  
US 800/231-1412 Canada 800/872-2192 Mexico 01/800/527-1204  
[www.toshiba.com/ind](http://www.toshiba.com/ind)  
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