



**XT**

**Mill &  
Chemical  
Duty**

# Vertical P-Base

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

- High Efficiency & **NEMA Premium**<sup>®</sup>  
NEMA Premium<sup>®</sup> Efficiency
- Patent-Pending Lubrication System
- IP54
- Normal & Medium Thrust Loads
- Inverter Duty

**3** Year  
Warranty

**PRODUCT SCOPE**

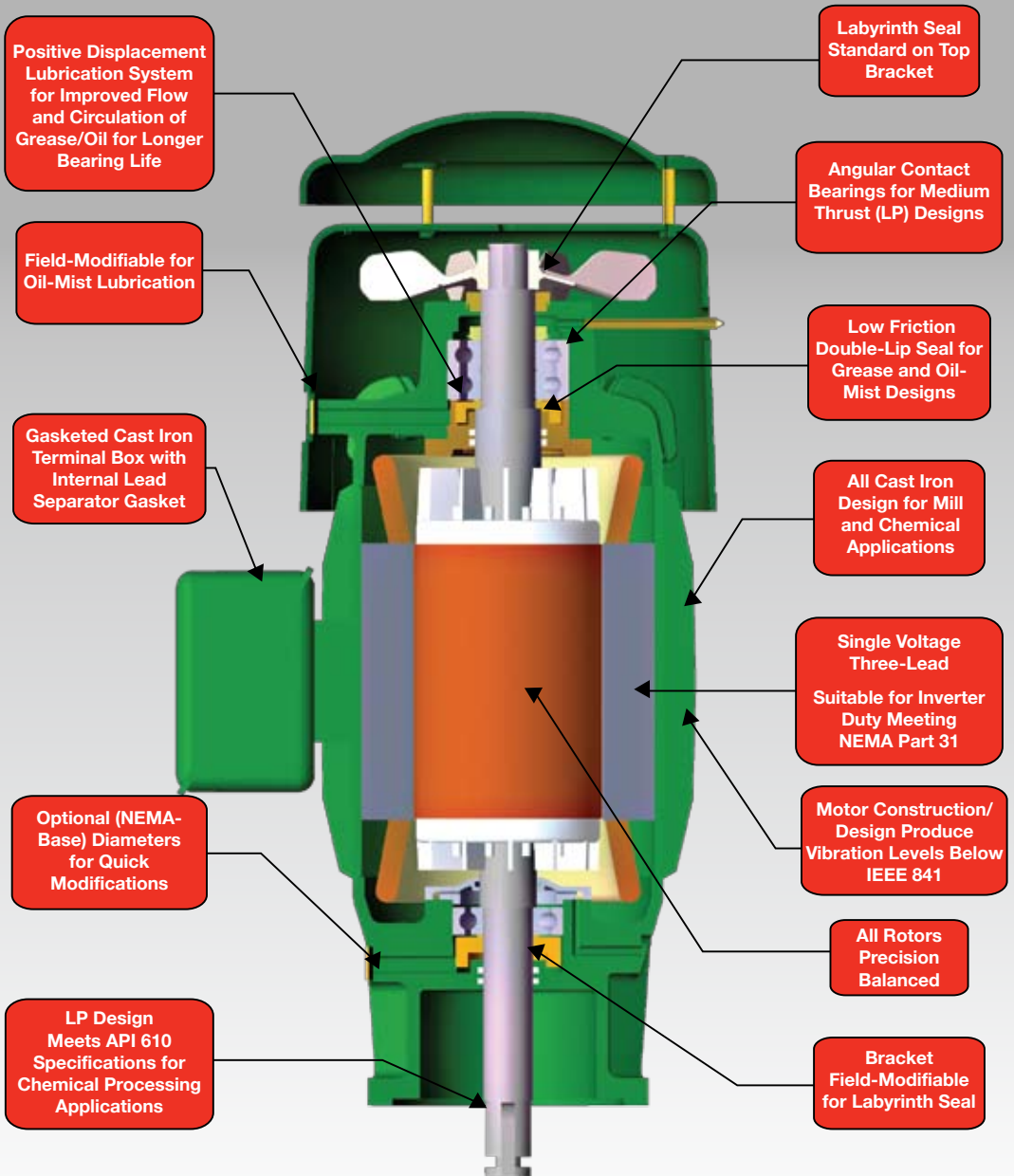
Horsepower	3 to 400 HP
Speed	3600, 1800, or 1200 RPM
Voltage	460 or 575 V
Enclosure	Totally Enclosed Fan Cooled
Frame Size	180T through N449 (HP & LP)
Construction	Cast Iron
Insulation	Class F, Exceeds NEMA MG1 Part 31 (Inverter Duty)
Thrust	Normal (HP), Medium (LP)
Thrust Ratings	520 to 1750 Pounds
Bearings	Thrust-Series for Minimum L-10 at 17,500 Hours

# VERTICAL P-BASE MOTORS

Toshiba's Vertical P-Base motor series is designed with the petrochemical and material processing industries in mind. This product line is built to withstand the toughest conditions and offers some of the highest efficiency and torque ratings — leading to a longer life and greater reliability.

In addition, our LP design meets API 610 specifications for chemical processing applications and all motors include a patent-pending lubrication system that provides improved flow and circulation of grease and oil for longer bearing life.

The Vertical P-Base motor can be used in indoor and outdoor applications, exceeds NEMA MG1 Part 31 requirements, and is available in standard and premium efficiencies.



**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  
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