

## GE Industrial Motors by Wolong - Company Overview

We are committed to become your supplier of choice with superior service along with the **Quality**, **Reliability**, and **Efficiency** you expect from **GE Motors**.



**GE INDUSTRIAL MOTORS**  
a **WOLONG** company



Copamex S.A & GE's  
Join Venture  
1995

1997  
Erie, PA DC Motors  
transfer to México, 5  
buildings added

GE's 100%  
acquisition  
2000

2001  
AC High Efficiency Ultra  
Motor Launch

Ultra Small Line TOW  
from Peterborough  
Ontario, Canada

2008

2009  
NPI AC Quantum  
500/315 frame

2010-2011  
AC vertical & Small  
DC Motors transfer  
from Owensboro &  
Dothan

Fort Wayne Transfer  
Commercial &  
Technology to México

Vertical NPI  
2016

2014  
2017  
MV expansion  
580&7000 Frame

2018  
WOLONG'S 100%  
Acquisition

2020  
NPI WPI/WPII 580 Frame

# GE Industrial Motors Monterrey



GE INDUSTRIAL MOTORS  
a WOLONG company

## Standard/Catalog (Inventory)



Extensive catalog  
of standard motors  
available in 5  
warehouses  
locations in USA



Available  
Immediately!

## Mod Shop (Smart model)

Configure a  
**standard** motor  
and add functions  
and **accessories**

1 Week

## CUSTOM (MTO)

**Custom** motors  
fabricated  
according to  
specific customer  
specifications or  
needs

Starting at 4 weeks





# GEIM Warehouses Locations



# GE Industrial Motor Business Background



Mexico



**Motor  
Manufacturing  
Monterrey,  
Mexico**

**Small Industrial Motors**

Footprint: 37,000 m<sup>2</sup>

Certification: ISO 9001 : 2015

Quality Adherence: LRQA, CSA, NOM

**Testing Facility**

Footprint: 1,800 m<sup>2</sup>

Standards: ABS, API, ATEX, CSA, IEC, IEEE, and NEMA, Division I or II and Zone 2, or 22



**NEMA PREMIUM EFF -IE3**  
Energy Saver,  
XSD Ultra, 841, 661, A\$D  
0.75-300 HP, 900-3600 RPM  
230/460, 460, 575 V AC / 60 Hz  
Alternate 50 Hz data on nameplate



**Ultra A\$D**  
5-300HP, 1200-1800 RPM  
50/ 60 Hz  
230, 460, 575  
TEFC, TEbv



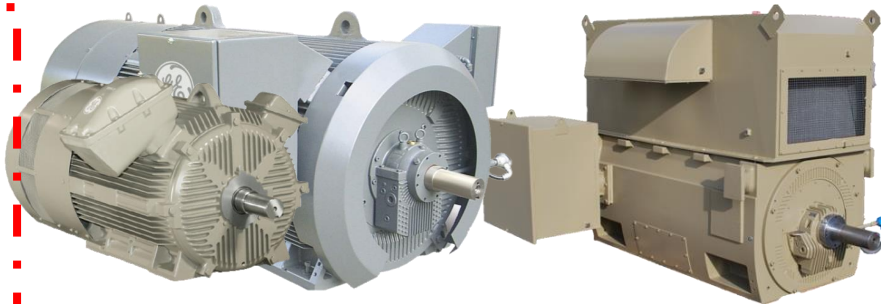
**IEC IE3**  
XSD Ultra 841 IEC  
0.55-220 kW,  
750-3000 / 900-3600 RPM  
50Hz: 200, 400, 400/690, 690 V AC  
60Hz: 230/460, 460, 575, 690 V AC



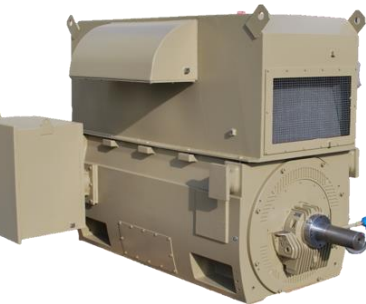
**NEMA PREMIUM EFF -IE3**  
Vertical Pump Motors (Ultra & Quantum V)  
3-1000HP, 600-3600 RPM  
460, 575, 2300/4160 V AC  
60Hz or 50Hz



**EXPLOSION PROOF NEMA IE3**  
Energy Saver XP  
1-250 HP, 1200-3600 RPM  
230/460, 460, 575 V AC/ 60 Hz



**MEDIUM VOLTAGE NEMA/IEC**  
Quantum LMV  
100-1750 HP  
600-3600 RPM / 60 Hz  
500-3000 RPM / 50 Hz  
460, 575, 2300/4000, 6600V AC



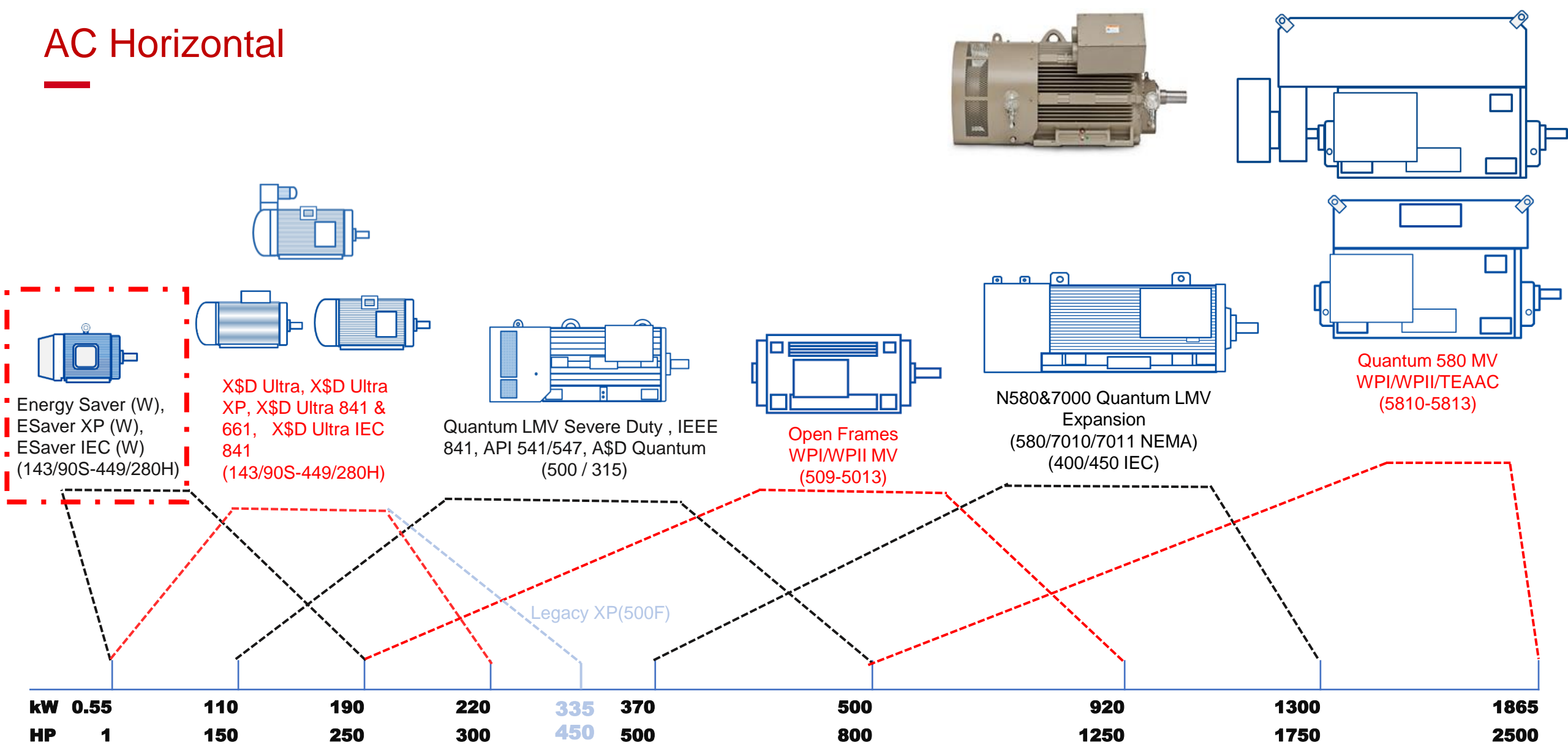
**MEDIUM VOLTAGE NEMA**  
Quantum 580  
450-2500 HP  
450-3600 RPM / 60 Hz  
375-3000 RPM / 50 Hz  
460, 575, 2300/4000, 6600V AC



**DIRECT CURRENT**  
Kinematic, CD6000 Series  
Mill Duty  
1-3000 HP, 300-3600 RPM  
Armature voltage: 180, 240, 500  
Field voltage: 300/150, 240/120



# AC Horizontal

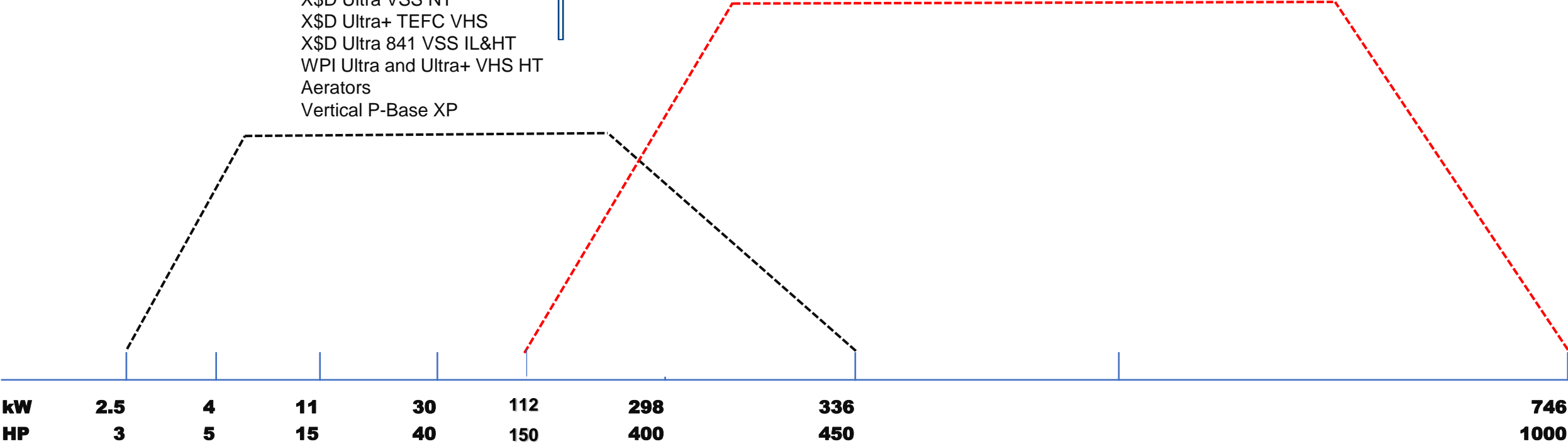


# Vertical AC Motors

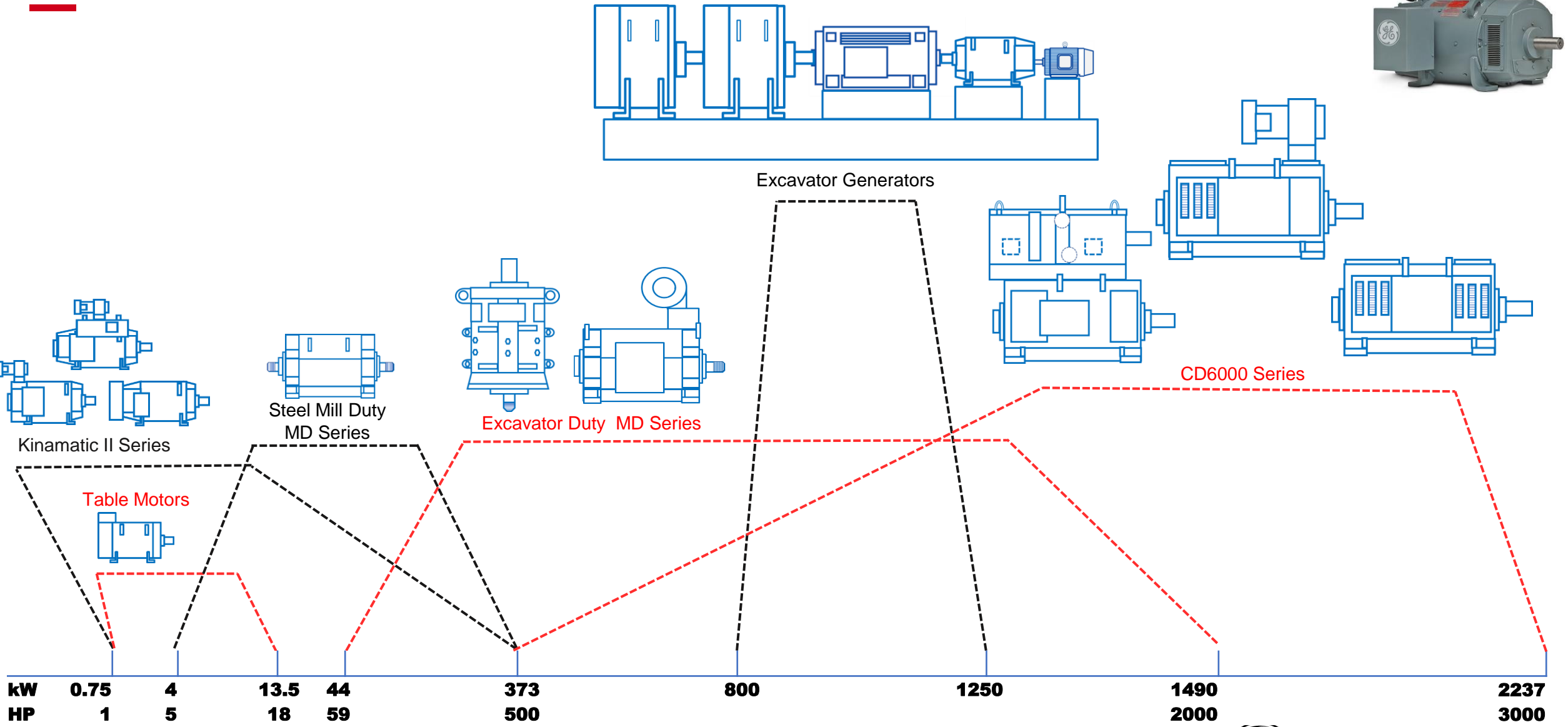


X\$D Ultra VSS NT  
X\$D Ultra+ TEFC VHS  
X\$D Ultra 841 VSS IL&HT  
WPI Ultra and Ultra+ VHS HT  
Aerators  
Vertical P-Base XP

Quantum V WPI & WPII VHS & VSS  
Quantum V TEFC VHS & VSS



# DC Motors and Generators





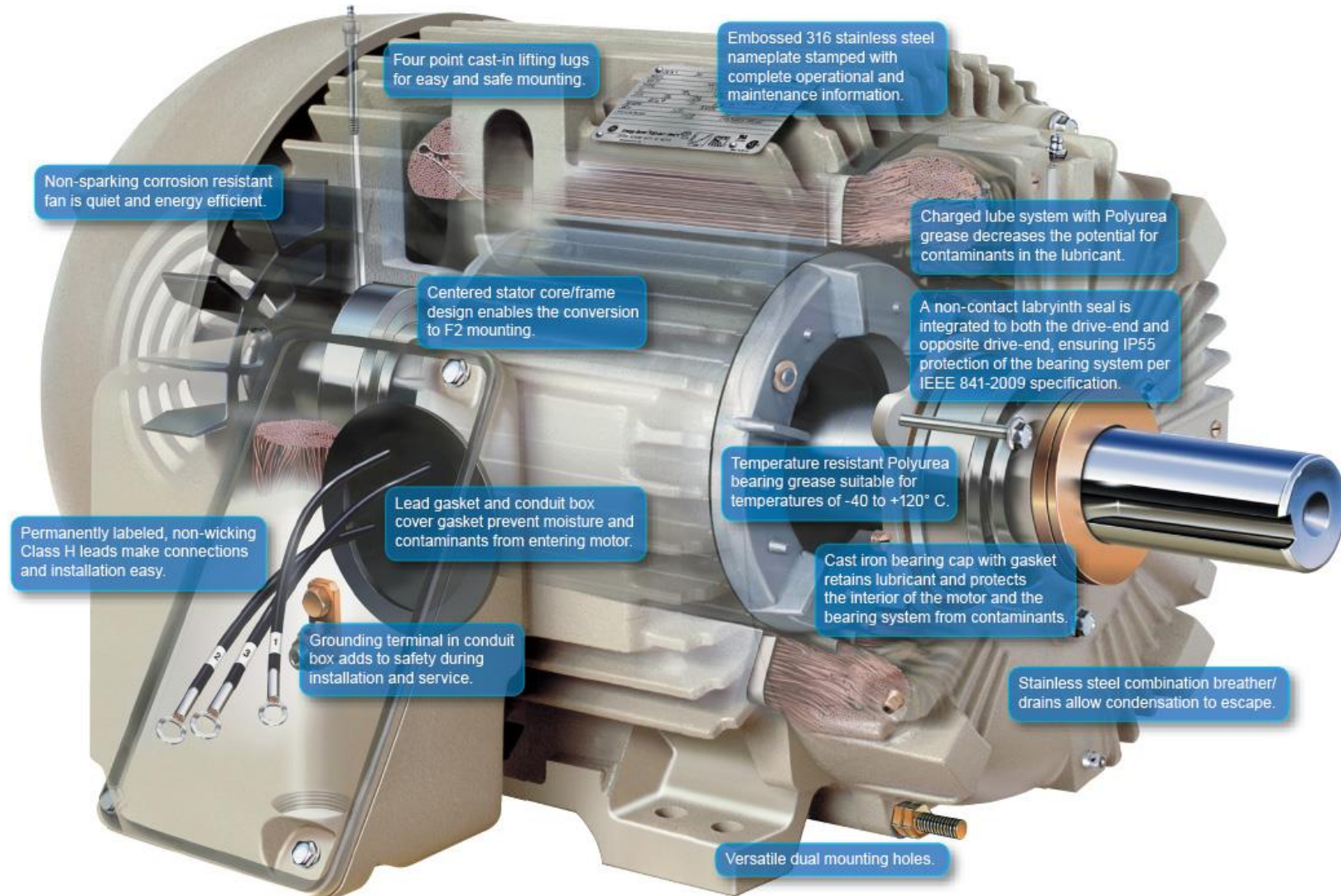
# XSD Ultra, XSD Ultra 841, XSD Ultra 661, A\$D , XP(Div1) NEMA Motors



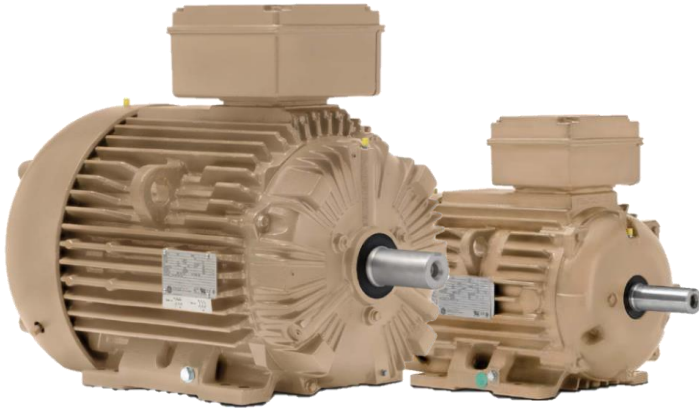
This versatile and robust design is ideal for a wide range of challenging industrial applications and environments.

## TECHNICAL CAPABILITIES

- 0.75-300 HP, 900-3600 RPM
- 230/460, 460, 575V / 60 Hz
- NEMA Frame sizes: 143T-449T (TS)
- 2300/4000V available on 449 Frame (2-6 Pole)
- NEMA Premium Efficiency
- TEFC (IP55) and superior
- NEMA, UL, CSA, IEEE 45, 841, 112B
- Class I, Division 2 applications
- C-Face/ D-flange and high-torque Design "C" models available.
- Inverter Duty with GEGARD 2400, Class H Insulation
- 0.040 ips (1 mm/s) pk vibration
- 1.15 SF



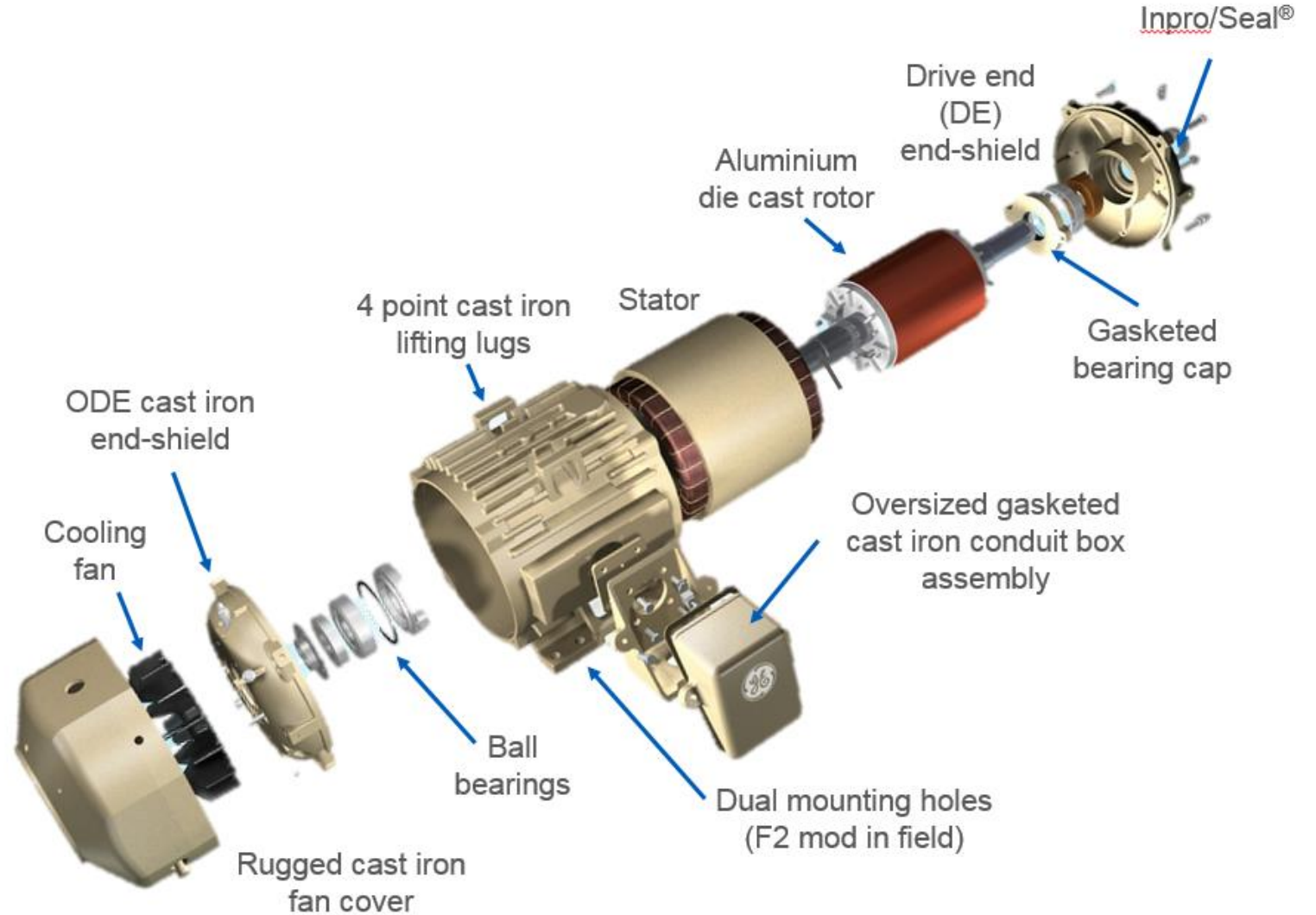
# XSD Ultra 841 IEC Motors



Based on the XSD Ultra mechanical and electrical design for the global market. Ideal for extreme environments.

## TECHNICAL CAPABILITIES

- 0.55-220 kW,
- 750-3000 / 900-3600 RPM
- 200, 400, 400/690, 690V / 50 Hz
- 230/460, 460, 575, 690V / 60 Hz
- Metric Frame size: 90S-280H
- IE3 – Premium Efficiency per IEC 60034-30
- TEFC (IP55) and Superior
- IEEE-841 features / IEC Design N electrical design
- IEC, IEEE 841, IEEE 45 ABS
- Zone 2 ATEX Ex-nA for Europe / IEC Ex-nA for other locations (T3 200 °C)
- VFD ready with GEGARD Class H insulation, Class B rise
- 1.4 mm/s peak overall vibration
- 1.15 SF





# Ultra Series & Quantum-V Vertical Pump Motors



Combines extra severe duty engineering with advanced thrust and cooling technologies.

## TECHNICAL CAPABILITIES

3-1000HP, 600-3600 RPM

230, 460, 575, 2300, 4160 V

60Hz or 50Hz

WPI/WPII and TEFC Enclosures

Hollow and Solid Shaft

Normal, In-line, High, and Extra High Thrusts

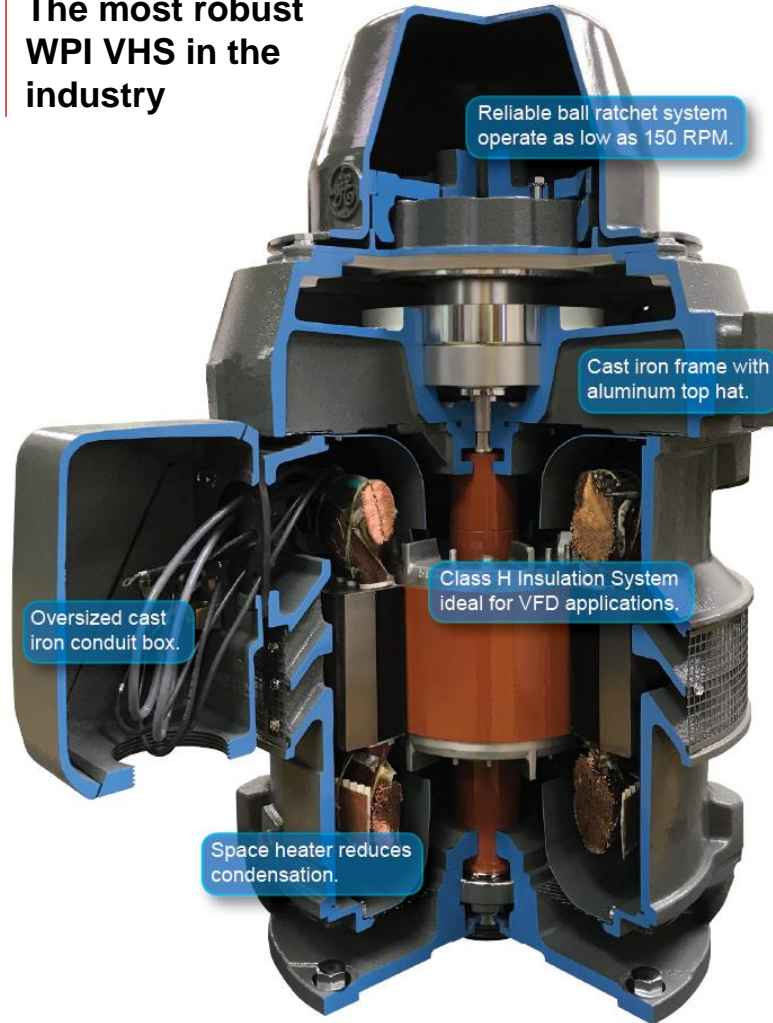
Frame Size: 182-5013

P-Base mountings

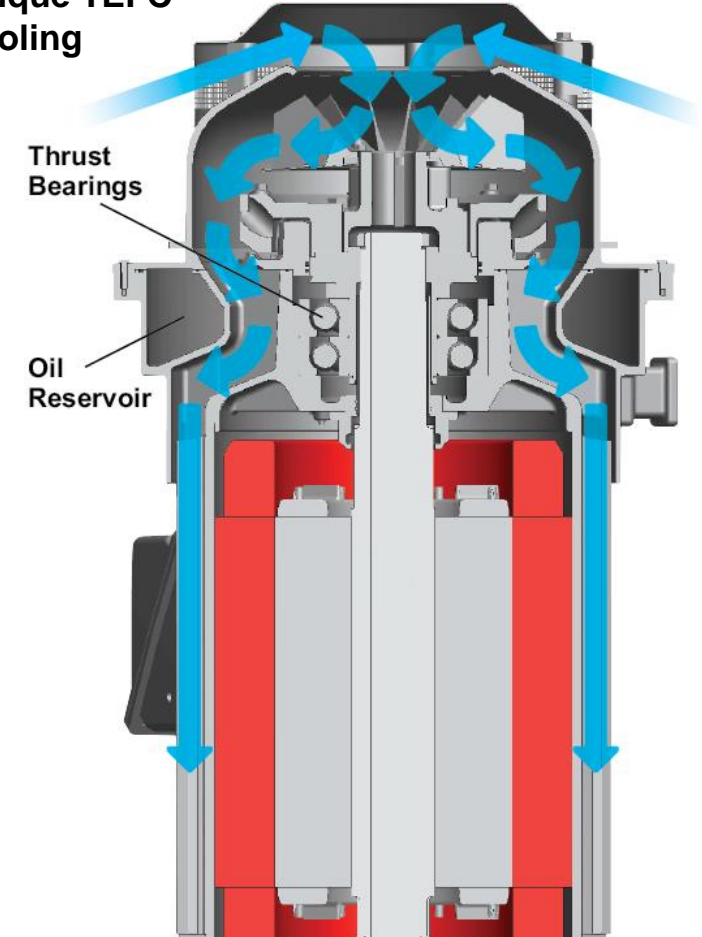
VFD ready with GEGARD Class F&H insulation

1.15 SF

The most robust  
WPI VHS in the  
industry

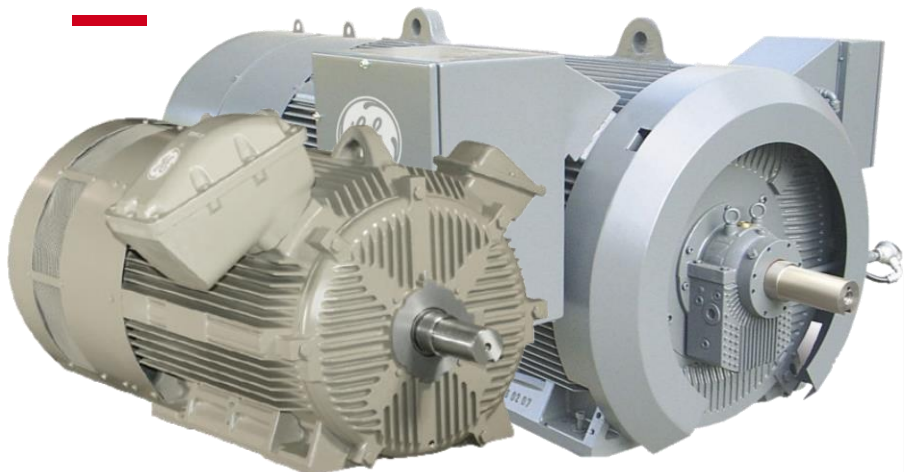


Unique TEFC  
Cooling





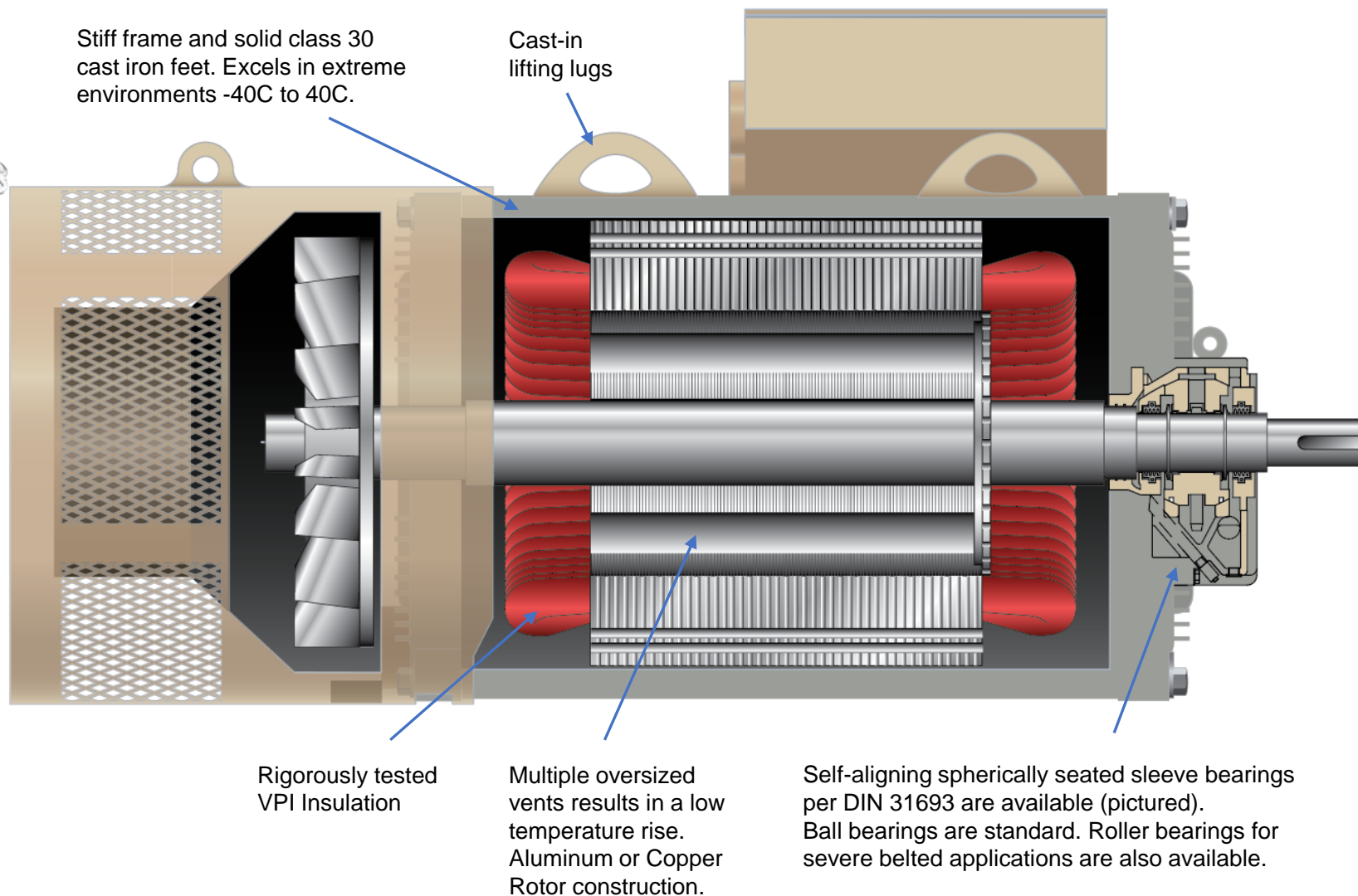
# Quantum LMV Motors



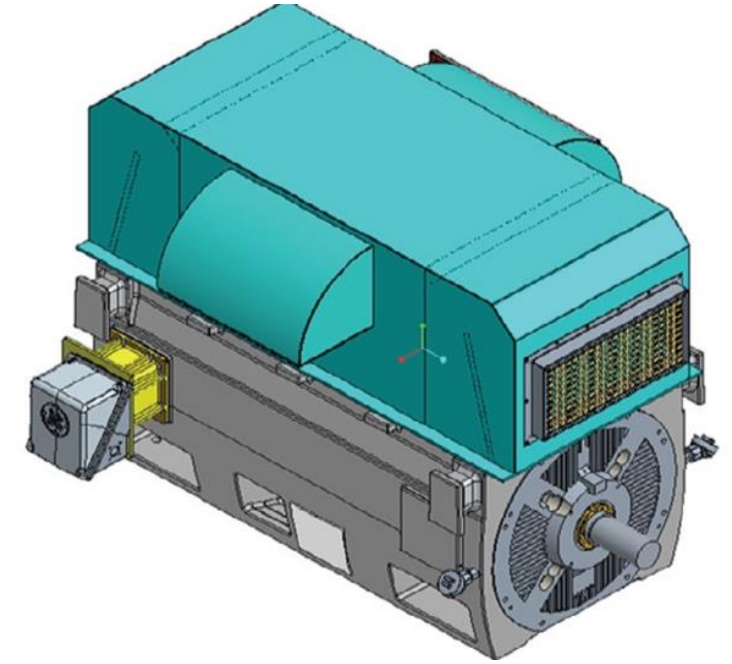
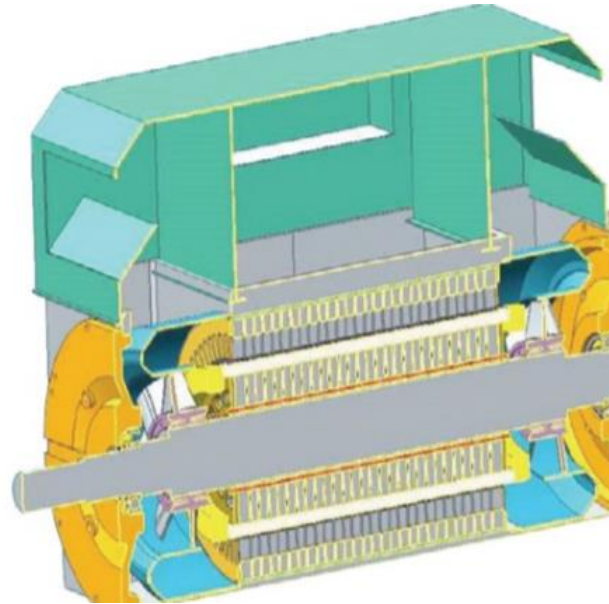
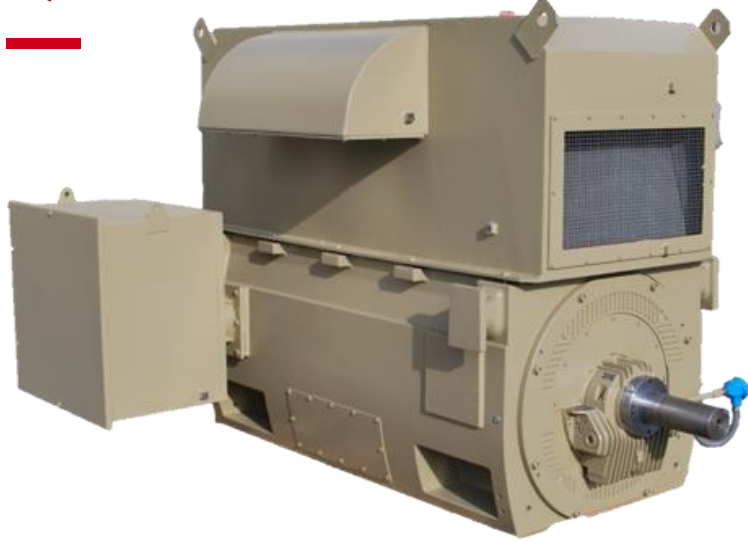
Designed to operate in extreme Oil & Gas, Petroleum, Chemical, Power Generation, Mining and general process environments and applications.

## TECHNICAL CAPABILITIES

- 100-1750 HP
- 600-3600 RPM / 60 Hz
- 500-3000 RPM / 50 Hz
- 460, 575, 2300/4000, 6600V
- TEFC / TEBV Construction
- NEMA Frame Size 5000, 5800, 7000
- IEC Frame Size 315, 400, 450
- **Available in IEEE 841 config.**
- NEMA, CSA, UL, IEEE 112B/F, AEx nA
- **API 547 and 541**, Division 2, Zone 2
- Class F insulation
- 1.15 SF



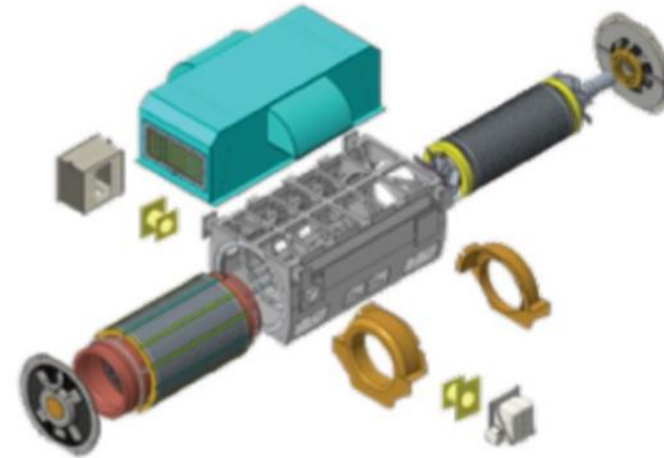
# Quantum 580 Medium Voltage Motors – WPI/WPII



Performance, Efficiency, Reliability. Upgrade your assets with GE's Newest Motor

## TECHNICAL CAPABILITIES

- 450-2500 HP
- 460, 575, 2300/4000, 6600V
- 450-3600 RPM / 60 Hz
- 375-3000 RPM / 50 Hz
- WPI – WPII Construction
- Frame sizes: 5810/5811 , 5812/5813
- NEMA, CSA, UL, IEEE 112 F,
- **API 547 and 541,**
- GE self declared Class I, Division 2 Groups A, B, C, D, temperature codes T1 through T3
- Class F insulation
- 1.15 SF



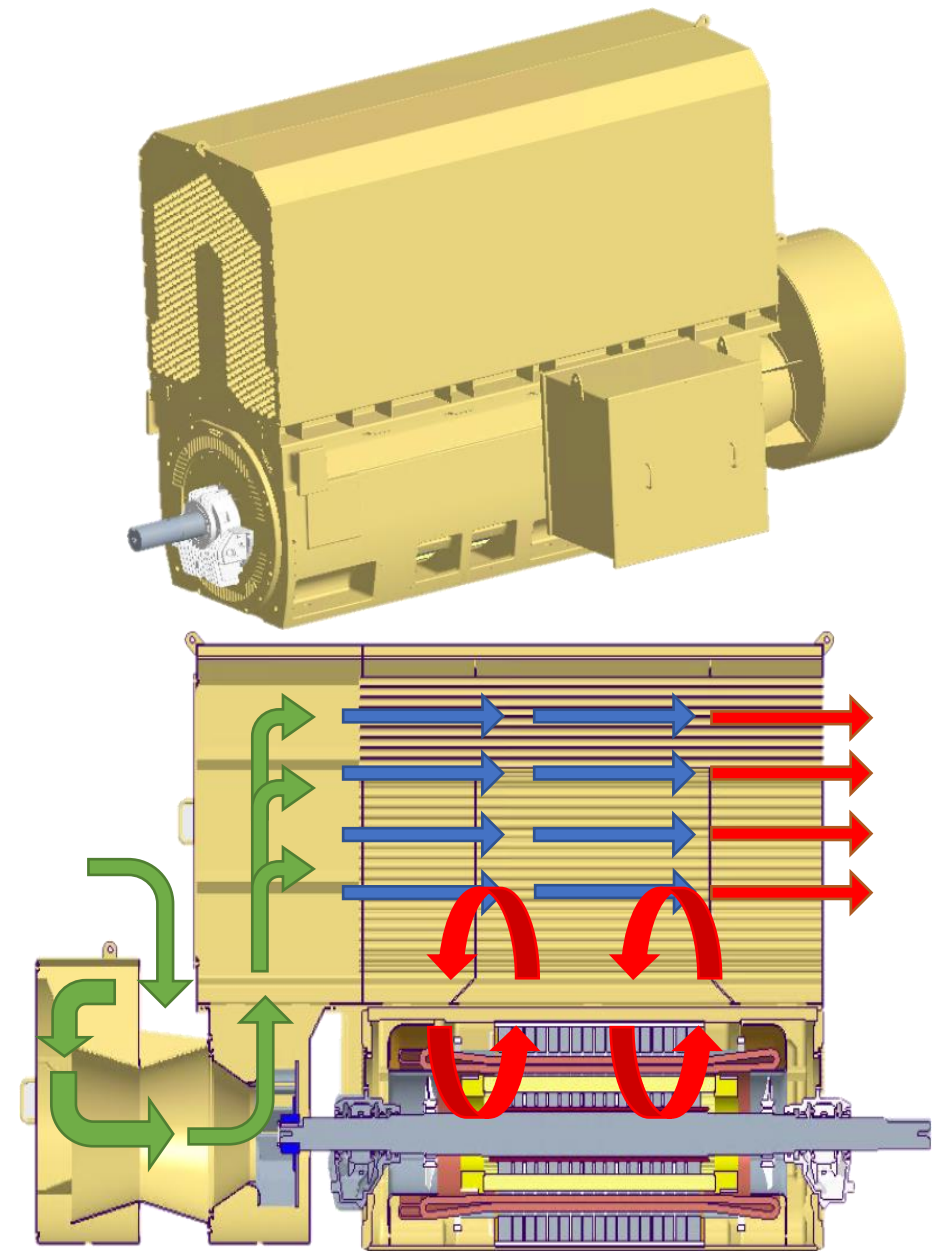
# Quantum 580 Medium Voltage Motors - TEAAC



Performance, Efficiency, Reliability. Upgrade your assets with GE's Newest Motor

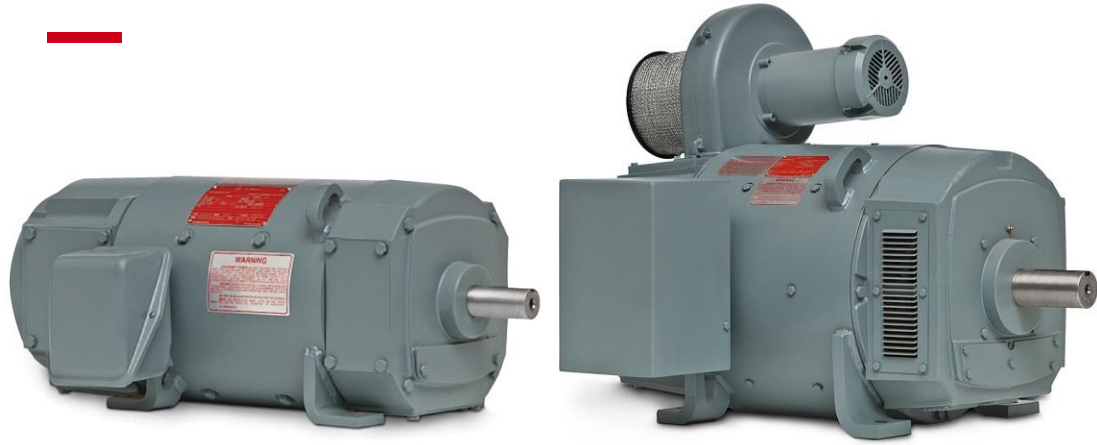
## TECHNICAL CAPABILITIES

- 600-2000 HP
- 460, 575, 2300, 4000, 6600V
- 900-3600 RPM / 60 Hz
- TEAAC Construction
- Frame sizes: 5810/5811, 5812/5813
- NEMA, IEEE 112 F,
- **API 547 and 541,**
- GE self declared Class I, Division 2 Groups A, B, C, D, temperature codes T1 through T3
- Class F insulation
- 1.15 SF





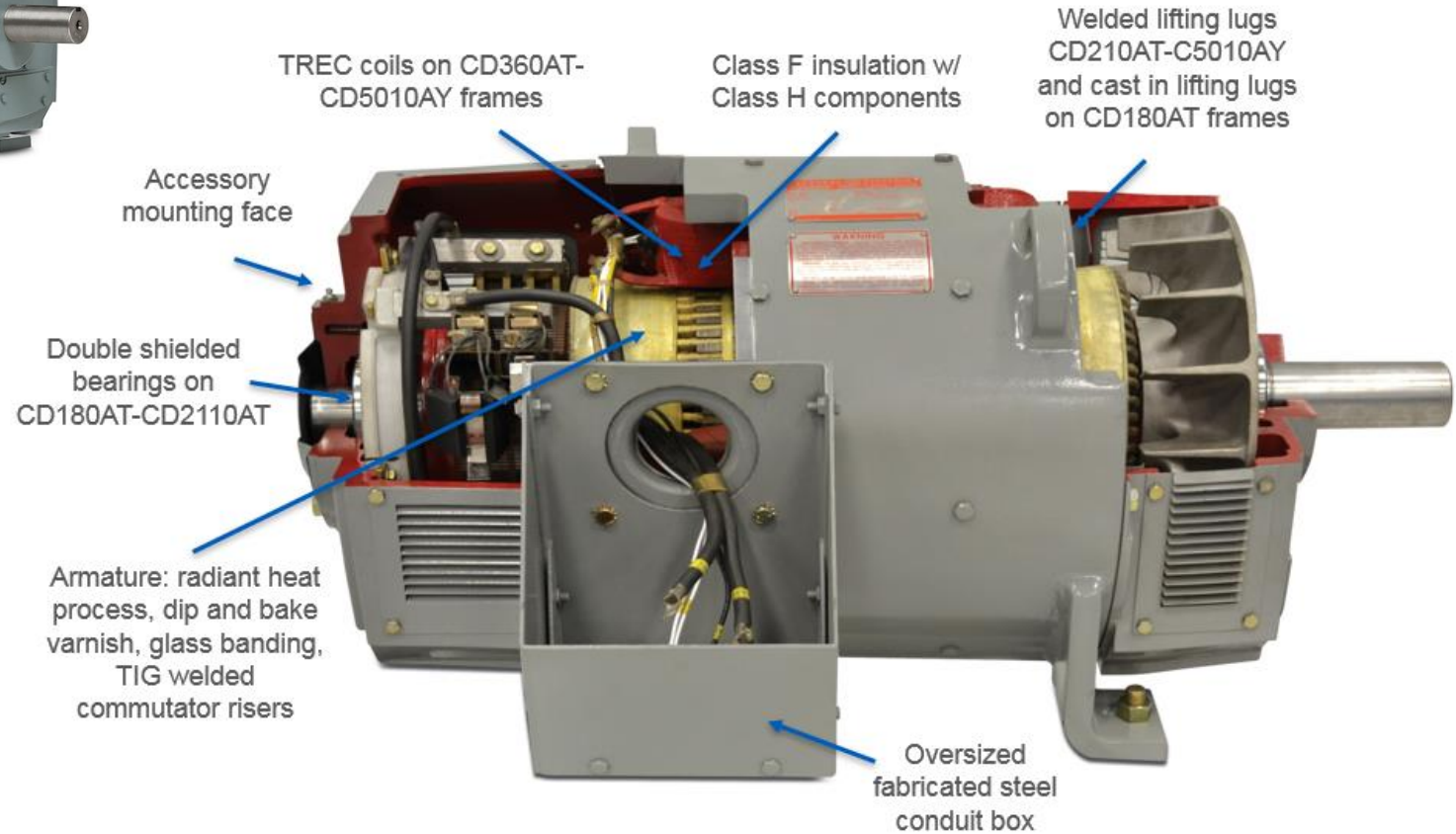
# Kinamatic II Direct Current Motors



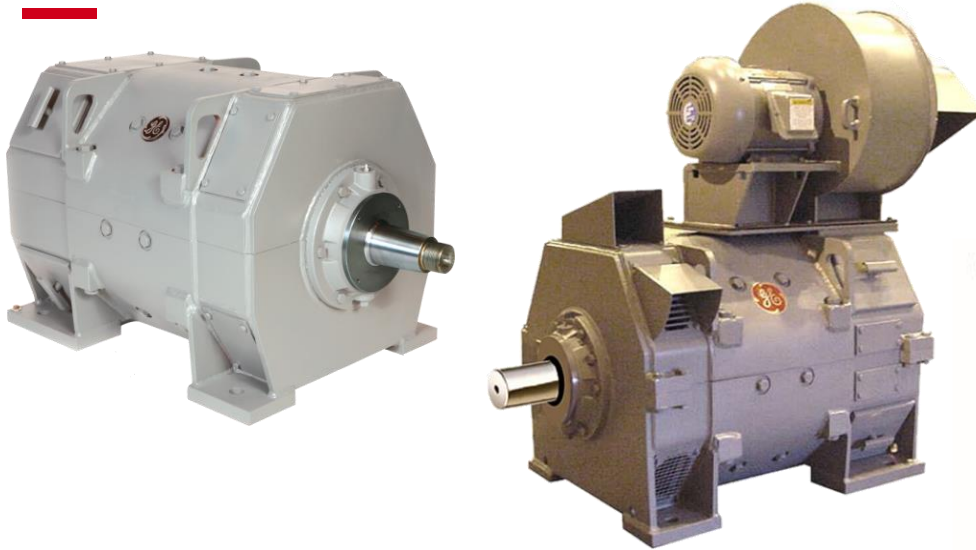
A reliable lifeline to driven equipment and backbone for production and operation.

## TECHNICAL CAPABILITIES

- 1-500 HP
- Armature 240V, 500V
- 2 and 4 Pole
- CD182AT-CD5010AY
- Drip-proof, TEFC, XP NEMA Enclosures
- Round steel frames w/precision rabbets
- Regreasable features with alemite fittings
- Controlled glass banding
- TIG welded commutator risers
- Heavy cast brush holders
- Random wound and TREC coils



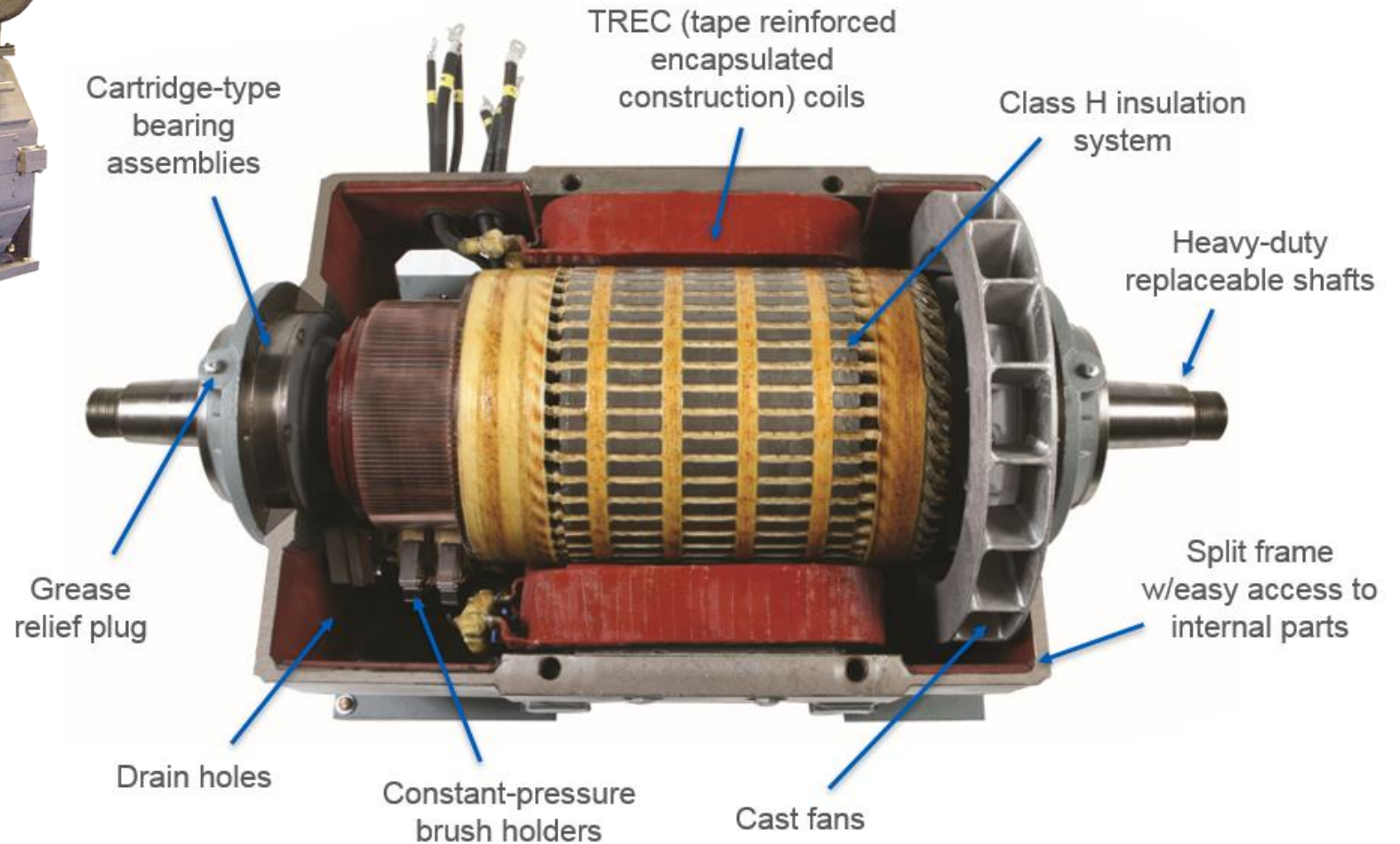
# Mill & Excavator Duty Direct Current Motors



A reliable lifeline to driven equipment and backbone for production and operation.

## TECHNICAL CAPABILITIES

- 5-500 HP & 60-2000 HP
- 4 and 6 Pole
- Various Speeds
- Armature 230V, 460V
- Totally enclosed and forced ventilated
- Heavy-duty double tapered shaft
- Single width cylindrical roller bearings
- TIG welded armature coils
- TREC coils
- Meets AISE standards





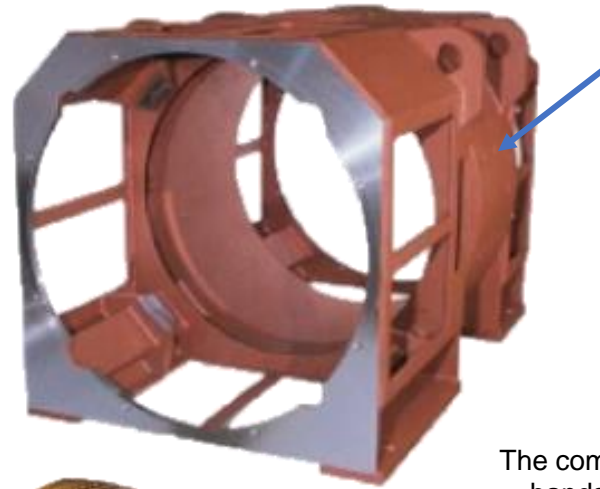
# CD6000 Direct Current Motors



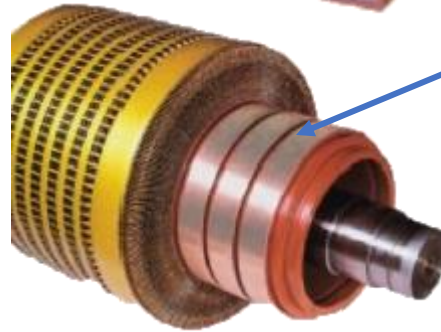
A reliable lifeline to driven equipment and backbone for production and operation. Larger than NEMA Frame.

## TECHNICAL CAPABILITIES

- 100-4500 HP
- Armature 240,500,600 & 700 V
- 4 and 6 Pole
- 300-1750 RPM
- Standard mounting, ratings, but also custom designed
- Self, Blower, or heat exchanger ventilated
- Ball or roller bearing, can have custom features
- Accessory mounting surface
- Glass Banded Commutator
- TIG welded armature coils
- TREC coils

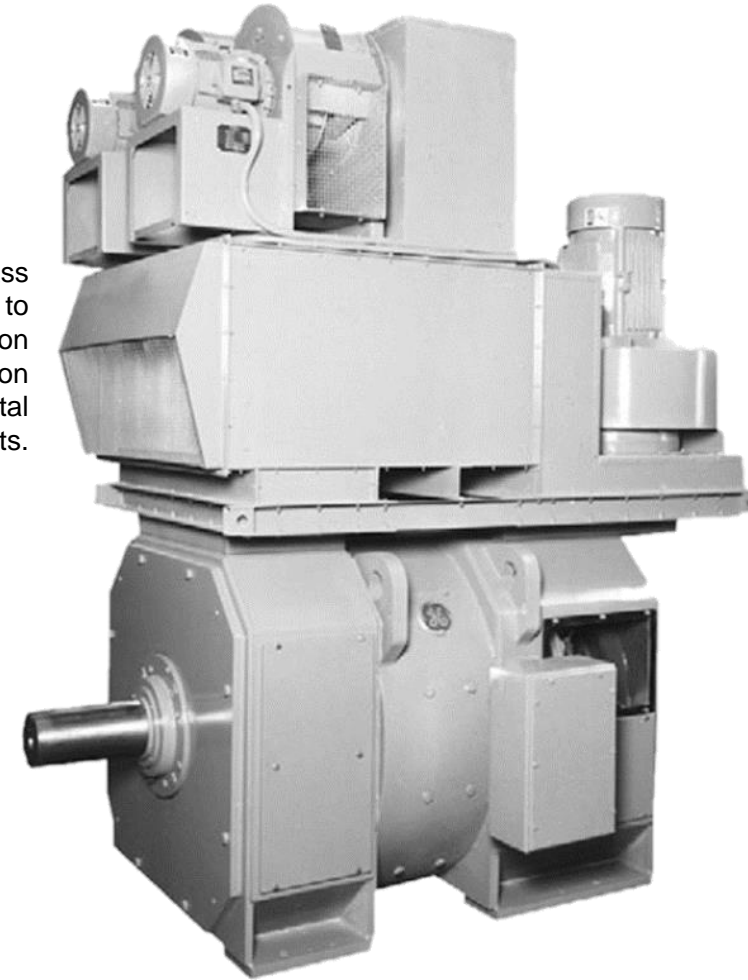
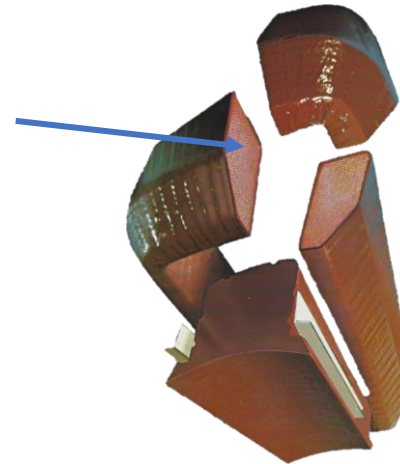


CD6000 Frame provides a rigid mechanical structure, which is vital for precise location of stator components and vibration-free operation



The commutator glass bands are sealed to provide extra protection against the penetration of environmental contaminants.

TREC-Tape Reinforced Encapsulated Field Coils Construction





# GEIM Global Certifications

## AC Motors

### Ordinary Location Motor Certifications

- UL Recognized
- CSA
- Colombian RETIE Certificate
- Kuwait (KUCAS) – Technical Evaluation Report
- Nigeria SONCAP Product License
- Saudi Arabia – Statement of Registration

### Hazardous Locations Motor Certifications

- UL Listed Div 1 and Div 2
- CSA Div 1, Div 2, Zone 2
- ATEX (SIRA) Certificate
- Colombian RETIE Certificate
- IECEx Zone 2-CoC
- IECEx Zone 2-Test Report
- Kuwait (KUCAS) – Technical Evaluation Report
- Nigeria SONCAP Product License
- Saudi Arabia – Statement of Registration
- South Africa MASC – Inspection Authority (IA)
- South Korea Zone 2
- UL Listed Fire Pumps Motors

### Energy Efficiency Certifications

- Australia MEPS Registration record [Select Custom Models]
- Canadian Energy Efficiency Certification record
- Colombia RETIQ IE2 Certification
- Colombia RETIQ IE3 Certification
- **Mexico NOM Certificate**

## DC Motors

### Ordinary Location Motor Certifications

- UL Recognized
- CSA
- Nigeria SONCAP Product License
- Kuwait (KUCAS) – Technical Evaluation Report

### Hazardous Locations Motor Certifications

- UL Div 1
- CSA Div 1
- Nigeria SONCAP Product License
- Kuwait (KUCAS) – Technical Evaluation Report

## Lab/Plant Certification

### Energy Efficiency Certifications

- DoE letter
- DoE letter – WOLONG
- ISO 17025(GEIMM) – Test lab accreditation certification
- SASO EER LAB EE 0057 [Expires Dec 26, 2020]
- **Witness testing available (on-line or on-site)**

### Quality Certification

- ISO 9001:2015 Certification for GEIM Plant

### IP Test Reports

- CPRI India Test Report – IP Testing for IEC Ultra
- Legacy CSA SC12467 – 55 and 56; IP Test Reports

### ABS PDA Certificate

- ABS PDA Certificate

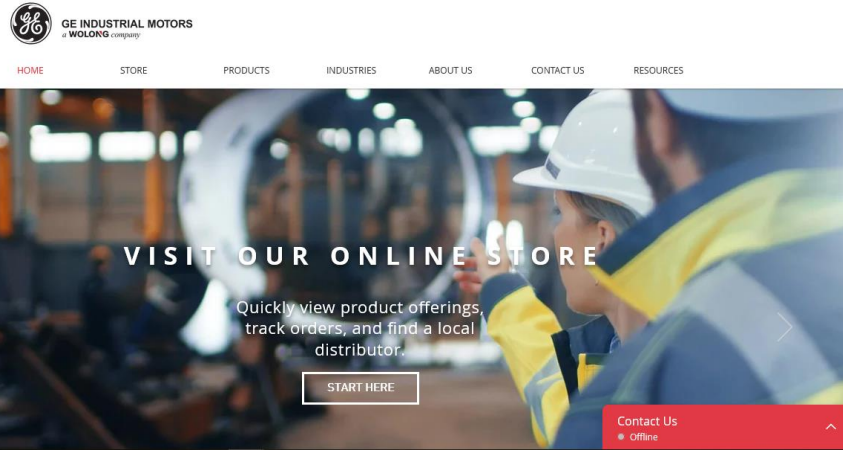


GE Industrial Motors

100+ years building motors

GE Industrial Motors-Site

[www.gemotorswolong.com/](http://www.gemotorswolong.com/)



GE Industrial Motors – On-line Store

[store.gemotorswolong.com/](http://store.gemotorswolong.com/)



Online Catalog

[catalog.gemotorswolong.com](http://catalog.gemotorswolong.com)



## Standard Industrial Motor Catalog

AC/DC  
1- 2500 HP  
0.75 - 1864 kW



The Leading Manufacturer of Motors and Drives



GE INDUSTRIAL MOTORS  
a WOLONG company

# Wolong Family of Brands

[gemotorswolong.com/wolong](http://gemotorswolong.com/wolong)

[www.wolong-electric.com](http://www.wolong-electric.com)



**BROOK  
CROMPTON**



**LAURENCE  
SCOTT**

**MORLEY**



**SCHORCH**



**NANYANG EXPLOSION PROTECTION GROUP CO., LTD.**





# Company and Brand History

Wolong has achieved a rapid growth through global acquisitions. The global acquisitions have extended the company's motor manufacturing experience up to 140 years.



**GE INDUSTRIAL MOTORS**  
a **WOLONG** company

Right to use GE brand for 10 years

Founded in 1882 **SCHORCH**

Founded in 1919 **ATB**

**BROOK CROMPTON**

Founded in 1878

**LAURENCE SCOTT**

Founded in 1883

**MORLEY**

Founded in 1897

**CNE**

Founded in 1970

**WOLONG**

Founded in 1984

**OLI**

Founded in 1961

**SIR**

Founded in 1980



Thanks!

Questions?

Contact:

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