

NEMA PREMIUM EFFICIENCY  
HPET™ - HIGH PULSE ENDURANCE WIRE  
FOR VFD APPLICATION



EPACT

# Advantage Plus



MOTOR PRODUCTS

**TECO**  **Westinghouse**

MOTORS (CANADA) INC.

# The Legacy Continues ...

All TECO-Westinghouse motors now feature **Mobil POLYREX® EM** polyurea grease.

Mobil's POLYREX® EM grease is specially formulated to protect against bearing failure - the #1 reason for motor failure.



**Mobil POLYREX® EM** grease provides the following features:

- Excellent shear stability; especially in roller bearing applications
- Specially formulated to resist washout and corrosion
- High temperature lubrication life
- Compatible with a number of Esso and ExxonMobil lithium greases (contact your local TWMI representative for additional info)

## POLYREX® EM HAS OUTSTANDING HIGH-TEMPERATURE LUBRICATION LIFE

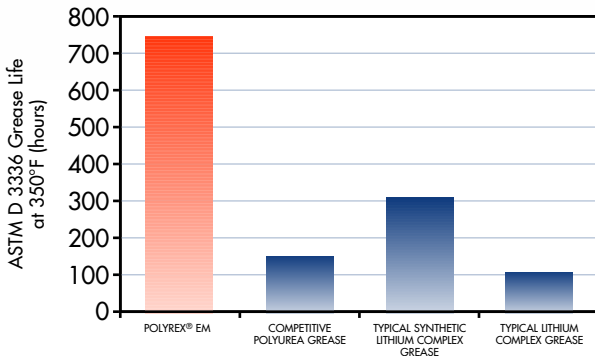


Fig. 1<sup>©</sup>

In the severe ASTM D 3336 High-Temperature Grease Life Test, POLYREX® EM dramatically outperformed a competitive polyurea grease and conventional lithium-complex greases.

## POLYREX® EM HAS OUTSTANDING HIGH-TEMPERATURE LUBRICATION LIFE

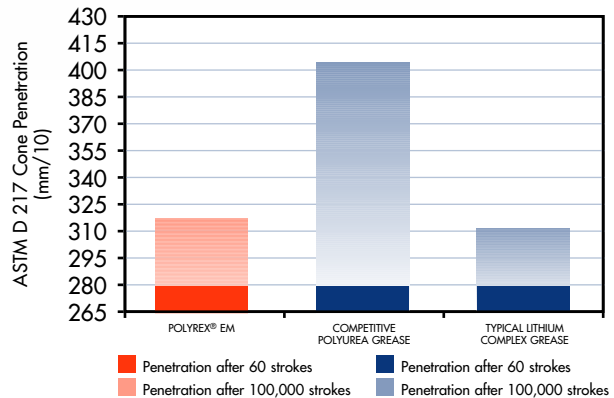


Fig. 2<sup>©</sup>

As illustrated here, POLYREX® EM delivers excellent lubrication life without compromising mechanical shear stability. Competitive polyurea greases can soften by three NLGI grades in the ASTM D 217 100,000-stroke cone penetration test. Under the same conditions, POLYREX® EM, formulated with proprietary shear-stable thickener technology, softens by less than one NLGI grade.

©Esso is a trademark of Imperial Oil Limited, Imperial Oil, licensee. Mobil and Polyrex are trademarks of Exxon Mobil Corporation or one of its subsidiaries, Imperial Oil, licensee.

## HPE™ WIRE OFFERS EXCEPTIONAL PERFORMANCE

The ADVANTAGE PLUS is designed for dependable operation and long life under the demanding stresses of IGBT technology. It is a well known fact that adjustable speed drives (ASD or inverters) with insulated gate bipolar transistors (IGBT) generate fast rise, repetitive surge voltages in motor windings, especially if the motors are connected with the ASD through a long power cable. These surge voltages can cause premature failures of motor insulation systems. The ADVANTAGE PLUS inverter duty installation system exceeds the requirements of NEMA MG-1 Part 31.

- Superior insulation life in comparison to the other magnet wire insulation systems when exposed to high temperature and harsh electrical environments typical to inverter driven motors
- Improved topcoat, modified to optimize scrape resistance and surface lubricity
- High quality partial discharge resistant magnet wire insulation (exceeds NEMA test standard)
- Multiple dips and baking processes for winding varnish treatment
- Phase insulation plus additional insulation paper between coil end-turns
- Exceeds voltage spike requirements per NEMA MG 1-2003, Paragraph 31.4.4.2.

## IMPRESSIVE ADVANTAGE PLUS DESIGN FEATURES

- High Pulse Endurance wire
- Constant horsepower operation above synchronous speed
- Cast iron construction
- Oversized anti-friction ball bearings
- Constant torque operation down to 10:1
- Variable torque operation down to 20:1
- NEMA Design B or C
- Non-sparking external fan
- CSA certified and labeled
- Three year warranty

## KWIKMOD MODIFICATIONS AND ACCESSORIES

The ADVANTAGE PLUS Motors can be modified to meet a variety of application requirements using our KWIKMOD System. Please contact the nearest TECO-Westinghouse office for further information concerning price and delivery.

- C-flange/D-flange
- Ground Lug on Motor Frame
- Thermistors
- Altitude Above 3,300 ft.
- Auxiliary Condulets
- 50Hz
- Special Paint
- Low or High Ambient Temperature
- Special Breather Drains
- Certified Test Reports
- Extended Leads
- Space Heaters
- F-2 Conduit Box Arrangement
- Special Shaft Extensions
- Special Nameplates
- Special Grease

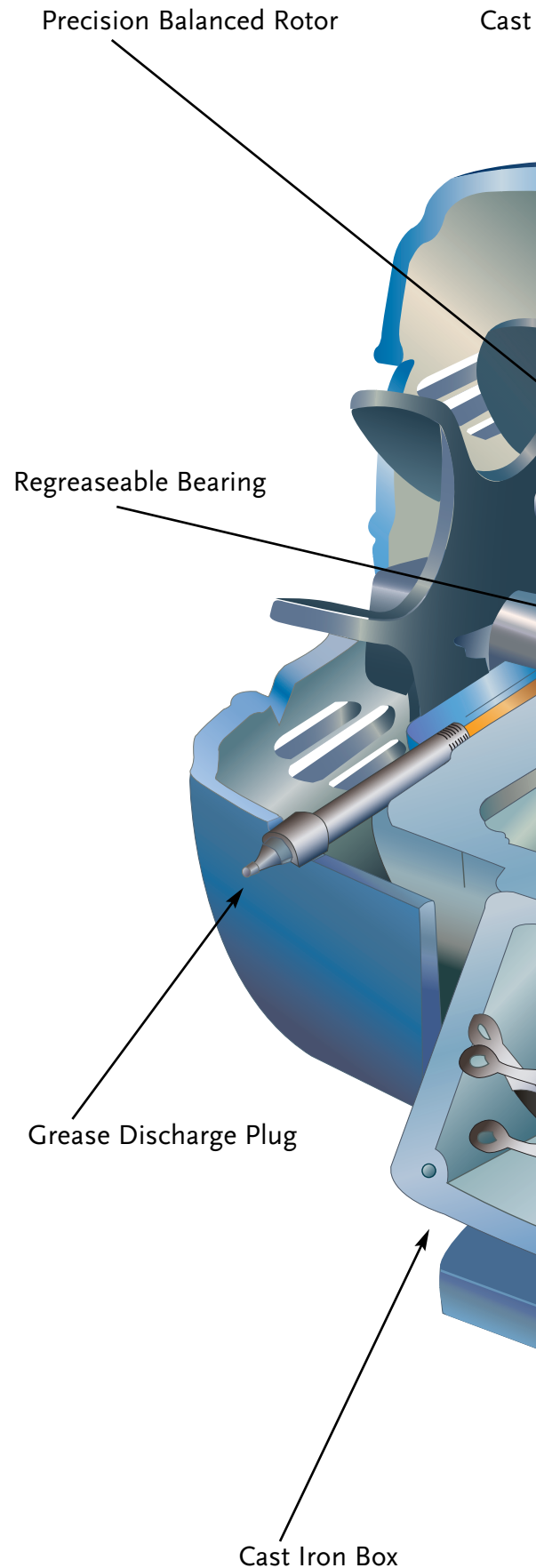
# COMPARE THESE FEATURES

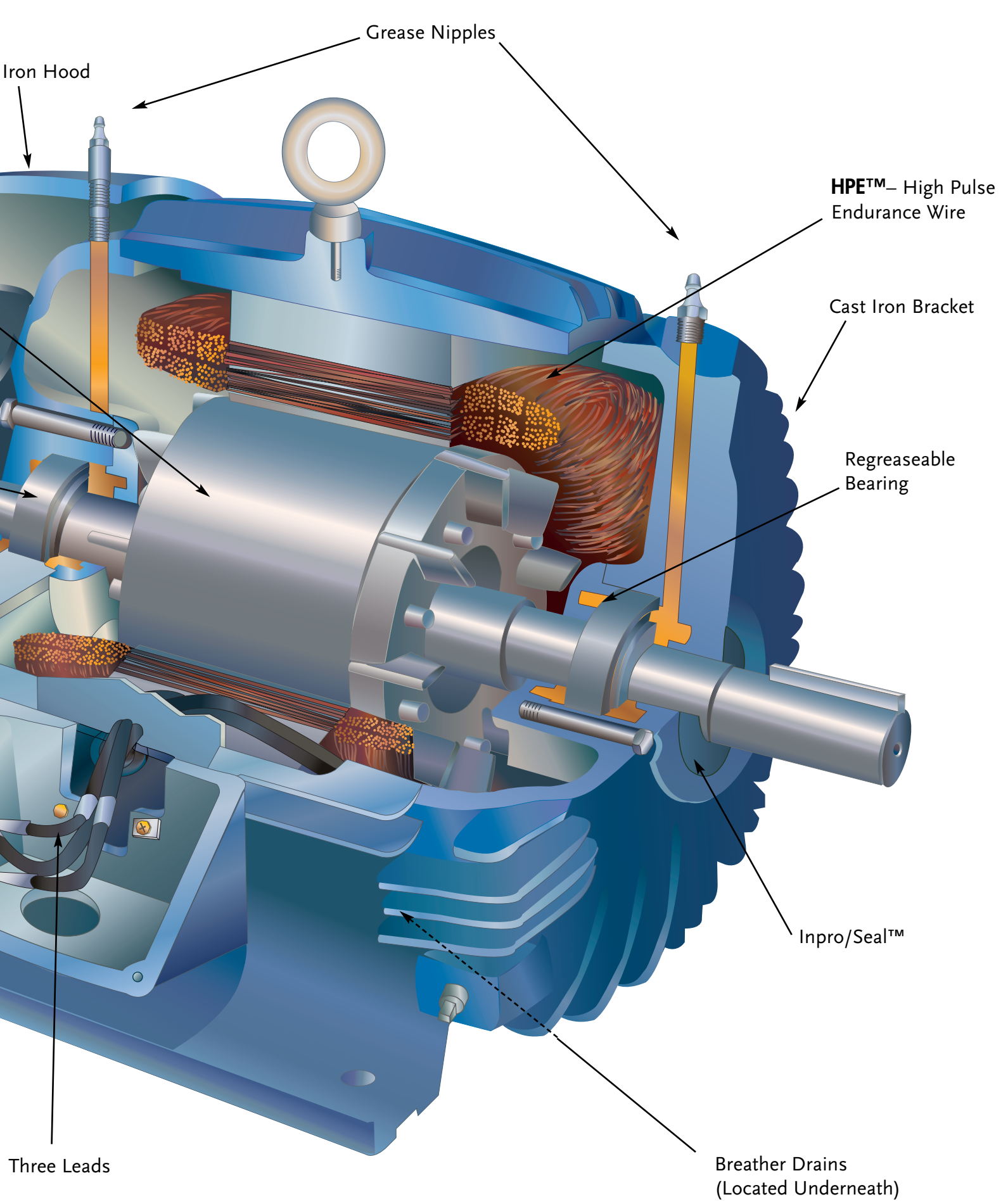
## ELECTRICAL

- Designed to meet NEMA MG-1, MG-13 and IEEE 841
- Available in 200V, 230V, 460V and 575V up to and including 100HP (2 & 4 Pole) and 230V, 460V and 575V from 100HP (6 Pole) to 300HP (2 & 4) Pole)
- Stator winding made from pre-formed random wound **HPE™** (high pulse endurance) index, heavy heat resistance enameled copper wire for VFD application
- Class "F" Insulation
- 80°C rise by resistance method at 1.0 S.F. (90°C rise by resistance method at 1.15 S.F.)
- 1.15 Service Factor rating
- Rated for Ambient Temperature from -40°C to +40°C
- 3 Leads c/w solderless lug terminals

## MECHANICAL

- IP54 rated enclosure
- IP55 rated main conduit box
- IP55 rated bearing protection (320T frame and larger)
- All ratings are designed for bi-directional rotation
- Cast iron frame, brackets and conduit box (fabricated steel main box on frame sizes 447T and larger)
- Frame provided with two (2) threaded drain holes c/w drain plugs and tapped hole on foot for ground lug
- Regreaseable bearings
- Exterior paint consists of one (1) coat zinc chromate epoxy primer and (1) coat of dark blue paint
- F-1/F-2 interchangeability
- Non-Sparking plastic or bronze fan
- Noise level not to exceed 90 dB"A" sound power level.
- Dynamically balanced rotor designed not to exceed 0.08 inches/second (2.03 mm/sec) on 2,4 and 6 Pole motors, and 0.06 inches/second (1.52 mm/sec) on 8 Pole motors
- Bearing temperature rise of 50°C for all 2 Pole motors and 45°C for all 4 and 6 Pole motors
- Dual mounting holes (250 - 440T frames only)



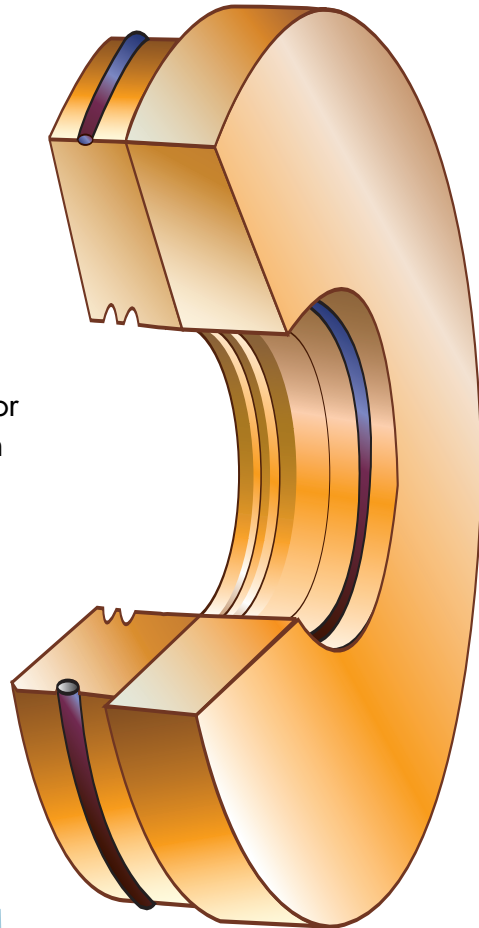


**Designed with Your Industry in Mind**

# Advantage **Plus** IEEE 841

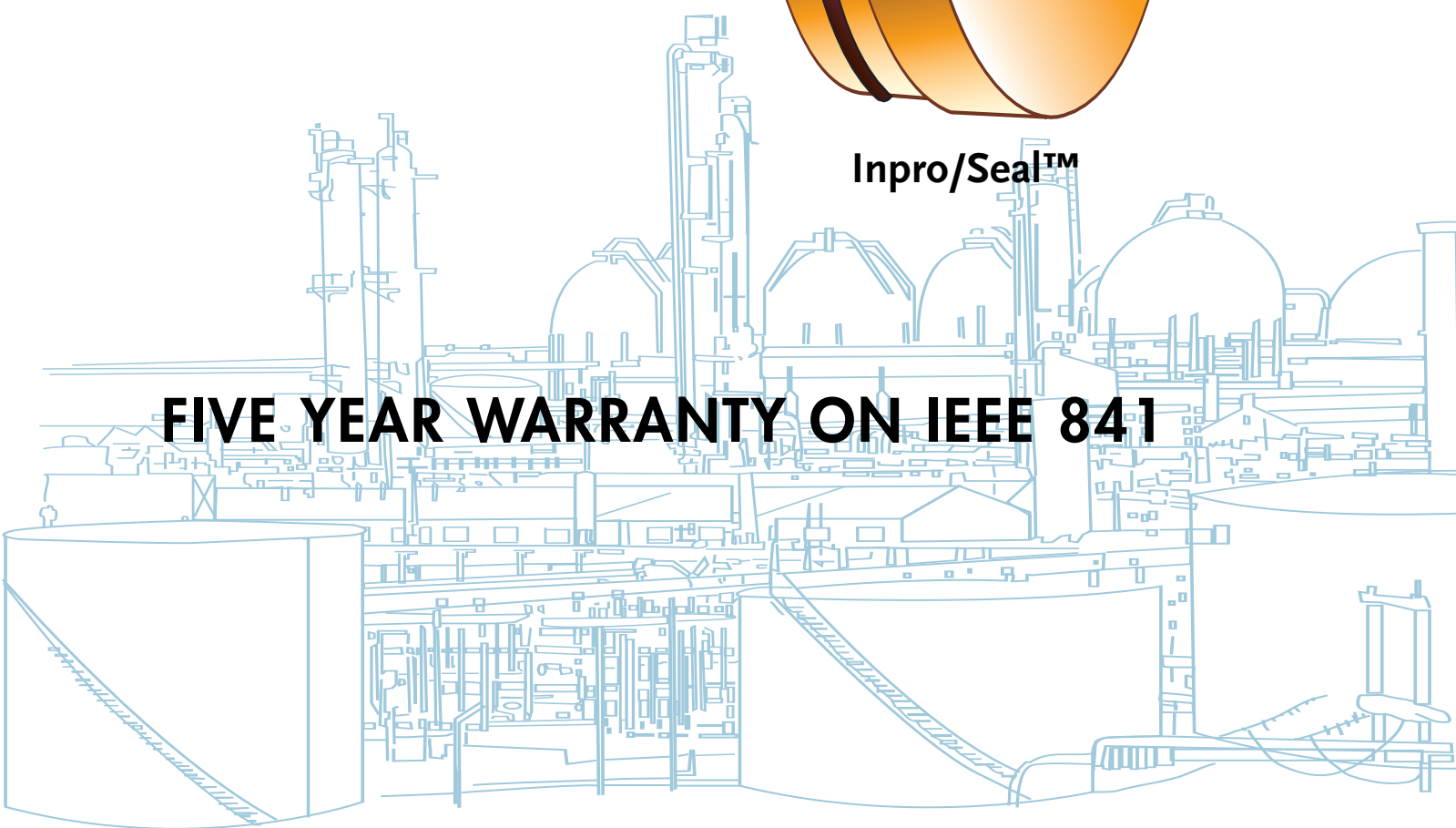
## Inpro/Seal™

- The Inpro/Seal™ “VBX” bearing isolator installed on the drive-end for frame 320 and larger (optional for the non drive-end) and both ends for frame 444T-449T prevents bearing contamination from moisture, dust, dirt or other materials.
- Dynamically balanced rotor guaranteed to meet or exceed IEEE 841 vibration standards. A vibration test report is shipped with each motor.
- The foot flatness and shaft runout meet or exceed IEEE 841.
- All cast iron construction (fabricated steel main conduit box available on 447T/449T frames).

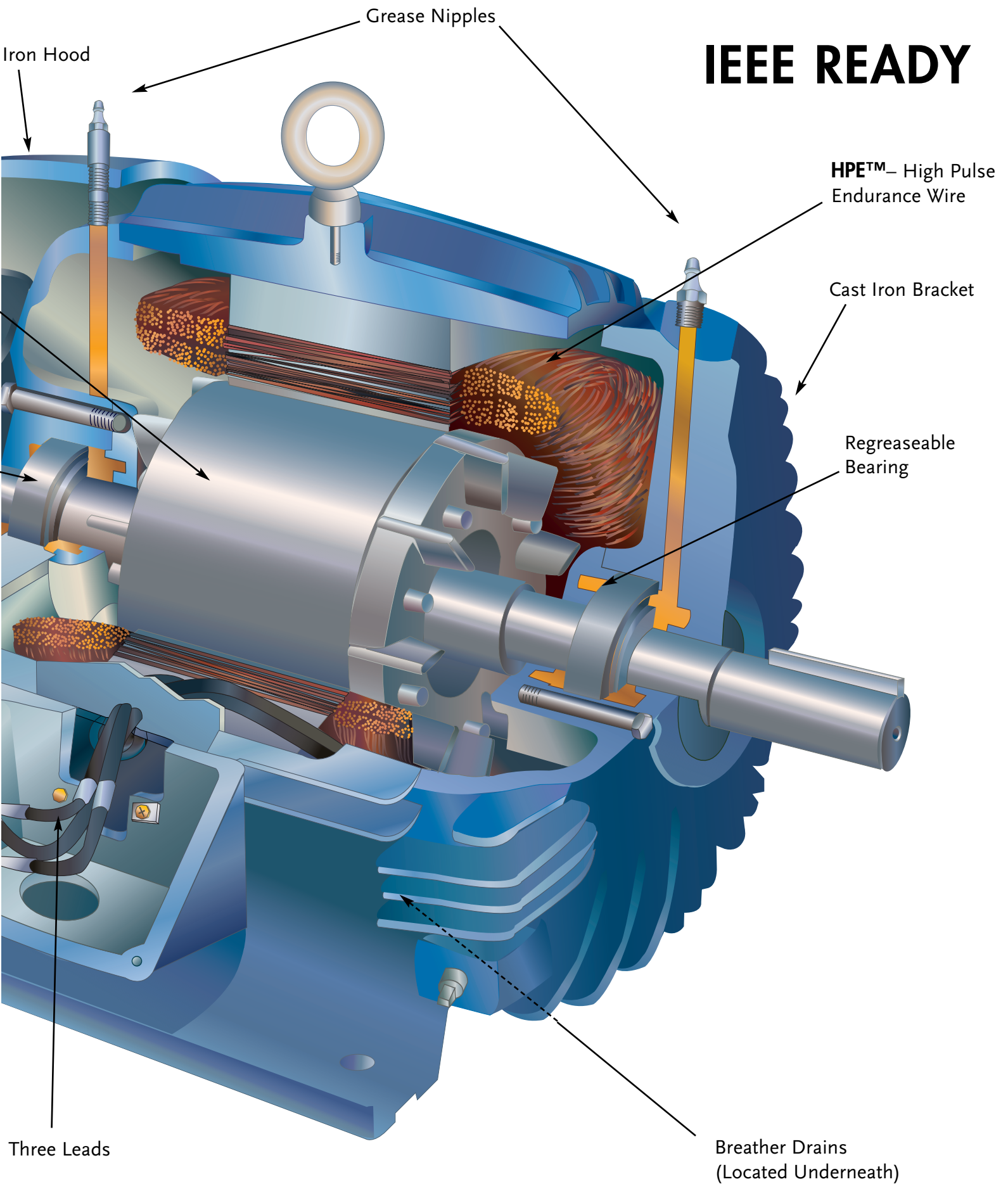


Inpro/Seal™

**FIVE YEAR WARRANTY ON IEEE 841**



# IEEE READY





# IEEE NEMA PREMIUM READY PERFORMANCE DATA (575V)

| HP  | FULL LOAD RPM | FRAME SIZE | EFFICIENCY (%) |          |          | POWER FACTOR (%) |          |          | CURRENT (A) |              | TORQUE          |                   |              |                 | ROTOR WK <sup>2</sup> lb-ft <sup>2</sup> | NEMA CODE LETTER |
|-----|---------------|------------|----------------|----------|----------|------------------|----------|----------|-------------|--------------|-----------------|-------------------|--------------|-----------------|--|------------------|
|     |               |            | FULL LOAD      | 3/4 LOAD | 1/2 LOAD | FULL LOAD        | 3/4 LOAD | 1/2 LOAD | FULL LOAD   | LOCKED ROTOR | FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT |  |                  |
| 1   | 3465          | 143T       | 82.5           | 81.5     | 78.5     | 85               | 79.5     | 68.5     | 1.07        | 12           | 1.515           | 350               | 365          | 400             | 0.046                                    | N                |
| 1   | 1745          | 143T       | 85.5           | 84       | 81.5     | 73               | 64.5     | 51.5     | 1.22        | 12           | 3.009           | 310               | 280          | 410             | 0.086                                    | N                |
| 1   | 1150          | 145T       | 82.5           | 82.5     | 80       | 65.5             | 57       | 44.5     | 1.38        | 12           | 4.566           | 250               | 220          | 300             | 0.122                                    | N                |
| 1.5 | 3465          | 143T       | 84             | 84       | 81.5     | 83.5             | 77       | 65       | 1.63        | 16           | 2.273           | 340               | 280          | 350             | 0.052                                    | M                |
| 1.5 | 1730          | 145T       | 86.5           | 86.5     | 85.5     | 78               | 70       | 57       | 1.66        | 16           | 4.552           | 300               | 260          | 360             | 0.093                                    | M                |
| 1.5 | 1170          | 182T       | 87.5           | 85.5     | 82.5     | 63.5             | 55       | 42.5     | 2.02        | 16           | 6.731           | 210               | 190          | 350             | 0.313                                    | M                |
| 2   | 3465          | 145T       | 86.5           | 86.5     | 85.5     | 86               | 80.5     | 70       | 2.02        | 20           | 3.031           | 350               | 315          | 390             | 0.064                                    | L                |
| 2   | 1740          | 145T       | 86.5           | 86.5     | 84       | 78               | 70       | 57       | 2.22        | 20           | 6.035           | 270               | 220          | 330             | 0.108                                    | L                |
| 2   | 1170          | 184T       | 88.5           | 88.5     | 86.5     | 70.5             | 63       | 50.5     | 2.4         | 20           | 8.975           | 180               | 150          | 270             | 0.423                                    | L                |
| 3   | 3490          | 182T       | 88.5           | 90.2     | 89.5     | 90               | 87       | 79.5     | 2.82        | 26           | 4.513           | 280               | 250          | 380             | 0.190                                    | K                |
| 3   | 1755          | 182T       | 89.5           | 89.5     | 87.5     | 81.5             | 77       | 66.5     | 2.99        | 26           | 8.975           | 225               | 175          | 345             | 0.367                                    | K                |
| 3   | 1175          | 213T       | 89.5           | 89.5     | 87.5     | 78               | 70.5     | 58.5     | 3.26        | 26           | 13.41           | 210               | 180          | 340             | 0.918                                    | K                |
| 5   | 3480          | 184T       | 88.5           | 89.5     | 89.5     | 92.5             | 91       | 85.5     | 4.62        | 37           | 7.544           | 290               | 230          | 320             | 0.272                                    | J                |
| 5   | 1745          | 184T       | 89.5           | 88.5     | 88.5     | 85.5             | 81.5     | 71.5     | 4.9         | 37           | 15.04           | 185               | 140          | 285             | 0.422                                    | J                |
| 5   | 1170          | 215T       | 91             | 91       | 89.5     | 82.5             | 77       | 65.5     | 4.99        | 37           | 22.44           | 190               | 160          | 300             | 1.224                                    | J                |
| 7.5 | 3510          | 213T       | 91             | 91       | 90.2     | 89               | 87       | 80       | 6.94        | 51           | 11.22           | 200               | 175          | 275             | 0.448                                    | H                |
| 7.5 | 1755          | 213T       | 91.7           | 91       | 89.5     | 86.5             | 82       | 72       | 7.08        | 51           | 22.44           | 200               | 155          | 270             | 0.848                                    | H                |
| 7.5 | 1170          | 254T       | 91             | 91       | 89.5     | 80.5             | 75       | 64       | 7.74        | 51           | 33.66           | 240               | 215          | 270             | 2.158                                    | H                |
| 10  | 3510          | 215T       | 91             | 91.7     | 91       | 89.5             | 88.5     | 82.5     | 9.28        | 65           | 14.96           | 220               | 180          | 260             | 0.573                                    | H                |
| 10  | 1755          | 215T       | 91.7           | 91       | 91       | 88               | 84       | 75.5     | 9.28        | 65           | 29.92           | 200               | 145          | 260             | 1.082                                    | H                |
| 10  | 1170          | 256T       | 91             | 91.7     | 90.2     | 80.5             | 75       | 64       | 10.24       | 65           | 44.87           | 215               | 185          | 250             | 2.872                                    | H                |
| 15  | 3525          | 254T       | 92.4           | 92.4     | 91.7     | 91.5             | 90.5     | 86       | 13.28       | 93           | 22.34           | 210               | 180          | 270             | 1.088                                    | G                |
| 15  | 1765          | 254T       | 92.4           | 93       | 92.4     | 88               | 85       | 77       | 13.92       | 93           | 44.62           | 245               | 180          | 270             | 2.179                                    | G                |
| 15  | 1175          | 284T       | 92.4           | 93       | 93       | 83.5             | 79.5     | 70.5     | 14.56       | 93           | 67.03           | 215               | 180          | 230             | 6.823                                    | G                |
| 20  | 3520          | 256T       | 92.4           | 93       | 93.6     | 92.5             | 91.5     | 88       | 17.52       | 116          | 29.83           | 210               | 180          | 260             | 1.407                                    | G                |
| 20  | 1760          | 256T       | 93             | 92.4     | 92.4     | 87.5             | 84.5     | 78.5     | 18.4        | 116          | 59.66           | 185               | 145          | 240             | 2.871                                    | G                |
| 20  | 1170          | 286T       | 91.7           | 92.4     | 92.4     | 84               | 81       | 73       | 19.6        | 116          | 89.75           | 210               | 160          | 225             | 8.340                                    | G                |
| 25  | 3545          | 284TS      | 92.4           | 93       | 92.4     | 91               | 90.5     | 86.5     | 22.48       | 146          | 37.03           | 175               | 135          | 250             | 2.507                                    | G                |
| 25  | 1765          | 284T       | 93.6           | 93.6     | 93.6     | 86               | 83       | 77       | 23.28       | 146          | 74.37           | 205               | 165          | 240             | 4.586                                    | G                |
| 25  | 1170          | 324T       | 93             | 93.6     | 93.6     | 83               | 80       | 71.5     | 24.24       | 146          | 112.2           | 190               | 155          | 205             | 11.877                                   | G                |
| 30  | 3545          | 286TS      | 93             | 93.6     | 93       | 91               | 90.5     | 87.5     | 26.96       | 174          | 44.43           | 175               | 140          | 240             | 2.831                                    | G                |
| 30  | 1770          | 286T       | 93.6           | 93.6     | 93.6     | 87.5             | 85.5     | 79.5     | 27.44       | 174          | 88.99           | 200               | 160          | 235             | 5.274                                    | G                |
| 30  | 1175          | 326T       | 93             | 93.6     | 93.6     | 80.5             | 78.5     | 71       | 29.84       | 174          | 134.1           | 210               | 180          | 230             | 12.372                                   | G                |
| 40  | 3550          | 324TS      | 94.1           | 94.5     | 94.1     | 90               | 89       | 84.5     | 35.36       | 232          | 59.16           | 150               | 130          | 240             | 3.590                                    | G                |
| 40  | 1770          | 324T       | 94.1           | 94.5     | 94.5     | 86               | 84.5     | 78.5     | 37.04       | 232          | 118.7           | 205               | 170          | 220             | 8.624                                    | G                |
| 40  | 1180          | 364T       | 94.1           | 94.5     | 94.1     | 86.5             | 84.5     | 78       | 36.8        | 232          | 178             | 200               | 150          | 220             | 17.937                                   | G                |
| 50  | 3550          | 326TS      | 94.1           | 94.5     | 94.5     | 91               | 90       | 86.5     | 43.76       | 290          | 73.95           | 150               | 130          | 240             | 4.488                                    | G                |
| 50  | 1770          | 326T       | 94.5           | 95       | 95       | 87               | 86       | 80.5     | 45.52       | 290          | 148.3           | 210               | 170          | 220             | 10.124                                   | G                |
| 50  | 1180          | 365T       | 94.1           | 94.5     | 93.6     | 86               | 83       | 75.5     | 46.24       | 290          | 222.5           | 225               | 170          | 240             | 21.386                                   | G                |
| 60  | 3550          | 364TS      | 94.1           | 94.5     | 94.1     | 93               | 92       | 88.5     | 51.6        | 348          | 88.74           | 145               | 130          | 240             | 7.379                                    | G                |
| 60  | 1775          | 364T       | 95             | 95       | 94.5     | 86.5             | 83       | 75.5     | 54.72       | 348          | 177.5           | 185               | 155          | 240             | 12.229                                   | G                |
| 60  | 1180          | 404T       | 94.5           | 94.5     | 94.1     | 87               | 86.5     | 80.5     | 54.88       | 348          | 267             | 200               | 185          | 245             | 33.535                                   | G                |
| 75  | 3555          | 365TS      | 94.5           | 95       | 95       | 93               | 92.5     | 89       | 64.16       | 434          | 110.8           | 145               | 130          | 250             | 9.056                                    | G                |
| 75  | 1775          | 365T       | 95.4           | 95.4     | 95       | 86.5             | 83.5     | 75.5     | 68.08       | 434          | 221.8           | 185               | 165          | 250             | 14.674                                   | G                |
| 75  | 1180          | 405T       | 94.5           | 94.5     | 94.5     | 86.5             | 84.5     | 79       | 69.04       | 434          | 333.7           | 180               | 175          | 225             | 37.862                                   | G                |
| 100 | 3560          | 405TS      | 95.4           | 95.8     | 95.4     | 92               | 91.5     | 88.5     | 85.6        | 580          | 147.5           | 140               | 125          | 270             | 10.773                                   | G                |
| 100 | 1775          | 405T       | 95.4           | 95.4     | 95       | 87.5             | 85.5     | 80       | 89.6        | 580          | 295.8           | 215               | 140          | 215             | 26.637                                   | G                |
| 100 | 1182          | 444T       | 94.5           | 94.1     | 93       | 83               | 80       | 73       | 95.2        | 580          | 444             | 140               | 110          | 230             | 56.00                                    | G                |
| 125 | 3564          | 444TS      | 95             | 94.5     | 93.6     | 86.5             | 84       | 77.5     | 113.6       | 726          | 184             | 110               | 88           | 220             | 16.60                                    | G                |
| 125 | 1780          | 444T       | 95             | 94.5     | 93.6     | 84               | 82       | 77       | 116         | 726          | 368             | 130               | 100          | 220             | 44.00                                    | G                |
| 125 | 1185          | 445T       | 95             | 94.5     | 93.6     | 83               | 80.5     | 74       | 117.6       | 726          | 554             | 140               | 110          | 230             | 68.00                                    | G                |
| 150 | 3570          | 445TS      | 95             | 94.5     | 93.6     | 87               | 84.5     | 81       | 135.2       | 868          | 220             | 110               | 88           | 220             | 20.00                                    | G                |
| 150 | 1782          | 445T       | 95             | 94.5     | 93.6     | 84               | 82       | 78       | 139         | 868          | 442             | 130               | 100          | 220             | 52.00                                    | G                |
| 150 | 1186          | 447T       | 95.4           | 95       | 94.1     | 83.5             | 81       | 74       | 140         | 868          | 664             | 135               | 105          | 220             | 103.00                                   | G                |
| 200 | 3575          | 447TS      | 95.4           | 95       | 94.1     | 87               | 84.5     | 81       | 177.6       | 1160         | 293             | 104               | 83           | 210             | 32.00                                    | G                |
| 200 | 1784          | 447T       | 95.4           | 95       | 94.1     | 84.5             | 82.5     | 78.5     | 184         | 1160         | 588             | 120               | 95           | 210             | 73.50                                    | G                |
| 200 | 1186          | 449T       | 95.4           | 94       | 94.1     | 84               | 81       | 74       | 187.2       | 1160         | 885             | 135               | 105          | 210             | 125.00                                   | G                |
| 250 | 3580          | 449TS      | 95.4           | 95       | 94.1     | 88               | 85.5     | 82       | 219.2       | 1460         | 366             | 103               | 83           | 210             | 40.00                                    | G                |
| 250 | 1784          | 449T       | 95.4           | 95       | 94.1     | 85.5             | 83.5     | 80       | 225.6       | 1460         | 734             | 110               | 90           | 210             | 83.00                                    | G                |
| 250 | 1188          | 449T       | 95.4           | 95       | 94.1     | 84.5             | 82       | 74.5     | 230.4       | 1460         | 1104            | 110               | 90           | 210             | 140.00                                   | G                |
| 300 | 3580          | 449TS      | 95.4           | 95       | 94.1     | 88               | 85.5     | 82.5     | 263.2       | 1736         | 439             | 102               | 81           | 210             | 45.00                                    | G                |
| 300 | 1788          | 449T       | 95.8           | 95.4     | 94.5     | 85.5             | 83.5     | 80       | 269.6       | 1736         | 880             | 100               | 85           | 210             | 99.00                                    | G                |



As a partner in the NEMA Premium™ Electric Motor Program, TECO-Westinghouse Motors has determined that this product meets the NEMA Premium™ Efficiency specifications for premium energy efficiency.



IEEE NEMA PREMIUM READY

INVERTER DUTY DIVISION II

| HP  | SYNCHRONOUS SPEED | FRAME | VARIABLE TORQUE SPEED RANGE | CONSTANT TORQUE SPEED RANGE | CONSTANT HP SPEED RANGE | TEMPERATURE CODE |
|-----|-------------------|-------|-----------------------------|-----------------------------|-------------------------|------------------|
| 1   | 1800              | 143T  | 88-1800                     | 178-1800                    | 1800-3600               | T3C              |
| 1   | 1200              | 145T  | 58-1200                     | 118-1200                    | 1200-2400               | T3C              |
| 1.5 | 3600              | 143T  | 175-3600                    | 355-3600                    | 3600-7200               | T3C              |
| 1.5 | 1800              | 145T  | 88-1800                     | 178-1800                    | 1800-3600               | T3C              |
| 1.5 | 1200              | 182T  | 58-1200                     | 118-1200                    | 1200-2400               | T3C              |
| 2   | 3600              | 145T  | 175-3600                    | 355-3600                    | 3600-7200               | T3C              |
| 2   | 1800              | 145T  | 88-1800                     | 178-1800                    | 1800-3600               | T3C              |
| 2   | 1200              | 184T  | 58-1200                     | 118-1200                    | 1200-2400               | T3C              |
| 3   | 3600              | 182T  | 175-3600                    | 355-3600                    | 3600-7200               | T3C              |
| 3   | 1800              | 182T  | 88-1800                     | 178-1800                    | 1800-3600               | T3C              |
| 3   | 1200              | 213T  | 58-1200                     | 118-1200                    | 1200-2400               | T3C              |
| 5   | 3600              | 184T  | 175-3600                    | 355-3600                    | 3600-7200               | T3C              |
| 5   | 1800              | 184T  | 88-1800                     | 178-1800                    | 1800-3600               | T3C              |
| 5   | 1200              | 215T  | 58-1200                     | 118-1200                    | 1200-2400               | T4               |
| 7.5 | 3600              | 213T  | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 7.5 | 1800              | 213T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 7.5 | 1200              | 254T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 10  | 3600              | 215T  | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 10  | 1800              | 215T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 10  | 1200              | 256T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 15  | 3600              | 254T  | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 15  | 1800              | 254T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 15  | 1200              | 284T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 20  | 3600              | 256T  | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 20  | 1800              | 256T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 20  | 1200              | 286T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 25  | 3600              | 284TS | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 25  | 1800              | 284T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 25  | 1200              | 324T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 30  | 3600              | 286TS | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 30  | 1800              | 286T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 30  | 1200              | 326T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 40  | 3600              | 324TS | 175-3600                    | 355-3600                    | 3600-7200               | T3B              |
| 40  | 1800              | 324T  | 88-1800                     | 178-1800                    | 1800-2700               | T3B              |
| 40  | 1200              | 364T  | 58-1200                     | 118-1200                    | 1200-2400               | T3B              |
| 50  | 3600              | 326TS | 175-3600                    | 355-3600                    | 3600-7200               | T3               |
| 50  | 1800              | 326T  | 88-1800                     | 178-1800                    | 1800-2700               | T3               |
| 50  | 1200              | 365T  | 58-1200                     | 118-1200                    | 1200-2400               | T3               |
| 60  | 3600              | 364TS | 175-3600                    | 355-3600                    | 3600                    | T3               |
| 60  | 1800              | 364T  | 88-1800                     | 178-1800                    | 1800-2700               | T3               |
| 60  | 1200              | 404T  | 58-1200                     | 118-1200                    | 1200-2400               | T3               |
| 75  | 3600              | 365TS | 175-3600                    | 355-3600                    | 3600                    | T3               |
| 75  | 1800              | 365T  | 88-1800                     | 178-1800                    | 1800-2700               | T3               |
| 75  | 1200              | 405T  | 58-1200                     | 118-1200                    | 1200-2400               | T3               |
| 100 | 3600              | 405TS | 175-3600                    | 355-3600                    | 3600                    | T3               |
| 100 | 1800              | 405T  | 88-1800                     | 178-1800                    | 1800-2700               | T3               |
| 100 | 1200              | 444T  | 58-1200                     | 118-1200                    | 1200-2400               | T3               |
| 125 | 3600              | 444TS | 175-3600                    | 355-3600                    | 3600                    | T2D              |
| 125 | 1800              | 444T  | 88-1800                     | 178-1800                    | 1800-2700               | T2D              |
| 125 | 1200              | 445T  | 58-1200                     | 118-1200                    | 1200-2400               | T2D              |
| 150 | 3600              | 445TS | 175-3600                    | 355-3600                    | 3600                    | T2D              |
| 150 | 1800              | 445T  | 88-1800                     | 178-1800                    | 1800-2700               | T2D              |
| 150 | 1200              | 447T  | 58-1200                     | 118-1200                    | 1200-2400               | T2D              |
| 200 | 3600              | 447TS | 175-3600                    | 355-3600                    | 3600                    | T2D              |
| 200 | 1800              | 447T  | 88-1800                     | 178-1800                    | 1800-2250               | T2D              |
| 200 | 1200              | 449T  | 58-1200                     | 118-1200                    | 1200-2400               | T2D              |
| 250 | 3600              | 449TS | 175-3600                    | 355-3600                    | 3600                    | T2D              |
| 250 | 1800              | 449T  | 88-1800                     | 178-1800                    | 1800-2700               | T2D              |
| 250 | 1200              | 449T  | 58-1200                     | 118-1200                    | 1200-2400               | T2D              |
| 300 | 3600              | 449TS | 175-3600                    | 355-3600                    | 3600                    | T2D              |
| 300 | 1800              | 449T  | 88-1800                     | 178-1800                    | 1800-2700               | T2D              |

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