

# WEG Standard Product Catalog

Super Premium | Explosion Proof



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# Super Premium Efficiency Motors

SEVERE DUTY GENERAL PURPOSE

Three-Phase



Super Premium  
Efficiency Motors

## TEFC

Super Premium Efficiency motors offer high performance with maximum energy efficiency. This motor provides high efficiency and low cost of ownership throughout the entire motor lifetime. This design maximizes performance and energy savings.

WEG's W22 Super Premium cast iron platform has a superior cooling system and solid feet for cooler operation and minimal vibration and noise extending the life of the motor.

## Standard Features:

- 50/60 Hz rated (380V on Nameplate - 400/415 Available - Same Horsepower at 50 Hz with a 1.0 Service Factor)
- Class F insulation (Impregnation Resin and Magnet wire are class H)
- NEMA design A. All ratings Exceed NEMA design C for motors 15HP and above
- F1 Mounted (Cast Iron frames 254T and larger are F2 convertible)
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 254T and up)
- Gasketed conduit box
- Class I, Div. 2, Groups A, B, C & D – T3, Class II, Div 2, Groups F & G – T3C

## Features that make a difference:

- Super Premium efficiency exceeding NEMA Premium® levels
- 1.25 Service Factor in all ratings
- Optimized ventilation system for cooler operation and low noise levels.
- Solid base for lower vibration levels
- Frames 447T and up can easily be F2 converted by rotating the terminal box adapter
- NPT Threaded terminal box

## Inverter Rated:

**1000 : 1 for variable torque**

**20 : 1 for constant torque**





# Super Premium Efficiency Motors

GENERAL PURPOSE - Three-Phase

## TEFC - Foot Mount

| HP  | kW   | RPM  | Frame   | Catalog Number     | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes    |
|-----|------|------|---------|--------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|----------|
| 1   | 0.75 | 3600 | 143/5T  | 00136EG3E143T-W22  | \$569      | N1           | 48                            | 1.25           | 1.35           | 84.0       | 13.358             | 230/460     | 36;37    |
|     |      | 1800 | 143/5T  | 00118EG3E143T-W22  | \$580      | N1           | 56                            | 1.25           | 1.33           | 87.5       | 13.358             | 230/460     | 36;37    |
| 1.5 | 1.1  | 3600 | 143/5T  | 00156EG3E143T-W22  | \$597      | N1           | 51                            | 1.25           | 1.92           | 86.5       | 13.358             | 230/460     | 36;37    |
|     |      | 1800 | L143/5T | 00158EG3EL145T-W22 | \$606      | N1           | 64                            | 1.25           | 1.93           | 88.5       | 14.566             | 230/460     | 36;37;39 |
| 2   | 1.5  | 3600 | 143/5T  | 00236EG3E145T-W22  | \$650      | N1           | 56                            | 1.25           | 2.56           | 87.5       | 13.358             | 230/460     | 36;37    |
|     |      | 1800 | L143/5T | 00218EG3EL145T-W22 | \$673      | N1           | 64                            | 1.25           | 2.63           | 88.5       | 14.566             | 230/460     | 36;37;39 |
| 3   | 2.2  | 3600 | 182/4T  | 00336EG3E182T-W22  | \$839      | N1           | 98                            | 1.25           | 3.67           | 88.5       | 15.860             | 230/460     | 36;37    |
|     |      | 1800 | 182/4T  | 00318EG3E182T-W22  | \$729      | N1           | 103                           | 1.25           | 3.75           | 91.0       | 15.860             | 230/460     | 36;37    |
|     |      | 1200 | 213/5T  | 00312EG3E213T-W22  | \$1,242    | N1           | 184                           | 1.25           | 4.31           | 90.2       | 19.517             | 230/460     | 36;37;51 |
| 5   | 3.7  | 3600 | 182/4T  | 00536EG3E184T-W22  | \$960      | N1           | 106                           | 1.25           | 5.99           | 90.2       | 15.860             | 230/460     | 36;37    |
|     |      | 1800 | L182/4T | 00518EG3EL184T-W22 | \$849      | N1           | 118                           | 1.25           | 6.38           | 91.0       | 17.041             | 230/460     | 36;37;39 |
|     |      | 1200 | L213/5T | 00512EG3EL215T-W22 | \$1,465    | N1           | 207                           | 1.25           | 6.80           | 91.0       | 20.461             | 230/460     | 36;37;39 |
| 7.5 | 5.5  | 3600 | 213/5T  | 00736EG3E213T-W22  | \$1,238    | N1           | 169                           | 1.25           | 8.82           | 91.0       | 19.517             | 230/460     | 36;37    |
|     |      | 1800 | 213/5T  | 00718EG3E213T-W22  | \$1,198    | N1           | 186                           | 1.25           | 8.94           | 93.0       | 19.517             | 230/460     | 36;37    |
|     |      | 1200 | 254/6T  | 00712EG3E254T-W22  | \$2,272    | N1           | 356                           | 1.25           | 9.46           | 92.4       | 24.945             | 230/460     | 36;37;51 |
| 10  | 7.5  | 3600 | 213/5T  | 01036EG3E215T-W22  | \$1,465    | N1           | 193                           | 1.25           | 11.5           | 91.7       | 19.517             | 230/460     | 36;37    |
|     |      | 1800 | L213/5T | 01018EG3EL215T-W22 | \$1,400    | N1           | 209                           | 1.25           | 12.0           | 93.0       | 20.461             | 230/460     | 36;37;39 |
|     |      | 1200 | 254/6T  | 01012EG3E256T-W22  | \$2,636    | N1           | 387                           | 1.25           | 12.7           | 92.4       | 24.945             | 230/460     | 36;37    |
| 15  | 11   | 3600 | 254/6T  | 01536EG3E254T-W22  | \$2,006    | N1           | 340                           | 1.25           | 17.4           | 92.4       | 24.945             | 230/460     | 36;37    |
|     |      | 1800 | 254/6T  | 01518EG3E254T-W22  | \$2,033    | N1           | 365                           | 1.25           | 17.8           | 93.6       | 24.945             | 230/460     | 36;37    |
|     |      | 1200 | 284/6T  | 01512EG3E284T-W22  | \$3,620    | N1           | 449                           | 1.25           | 18.1           | 93.0       | 27.929             | 230/460     | 36;37    |
| 20  | 15   | 3600 | 254/6T  | 02036EG3E256T-W22  | \$2,620    | N1           | 373                           | 1.25           | 23.0           | 93.0       | 24.945             | 230/460     | 36;37    |
|     |      | 1800 | 254/6T  | 02018EG3E256T-W22  | \$2,421    | N1           | 396                           | 1.25           | 24.7           | 94.1       | 24.945             | 230/460     | 36;37    |
|     |      | 1200 | 284/6T  | 02012EG3E286T-W22  | \$4,358    | N1           | 495                           | 1.25           | 24.4           | 93.0       | 27.929             | 230/460     | 36;37    |
| 25  | 18.5 | 3600 | 284/6TS | 02536EG3E284TS-W22 | \$3,298    | N1           | 435                           | 1.25           | 28.5           | 93.6       | 26.557             | 230/460     | 36;37    |
|     |      | 1800 | 284/6T  | 02518EG3E284T-W22  | \$3,017    | N1           | 459                           | 1.25           | 30.3           | 94.5       | 27.929             | 230/460     | 36;37    |
|     |      | 1200 | 324/6T  | 02512EG3E324T-W22  | \$5,211    | N1           | 623                           | 1.25           | 30.8           | 94.1       | 31.116             | 230/460     | 36;37;51 |
| 30  | 22   | 3600 | 284/6TS | 03036EG3E286TS-W22 | \$3,917    | N1           | 475                           | 1.25           | 33.5           | 93.6       | 26.557             | 230/460     | 36;37    |
|     |      | 1800 | 284/6T  | 03018EG3E286T-W22  | \$3,545    | N1           | 491                           | 1.25           | 35.6           | 94.5       | 27.929             | 230/460     | 36;37    |
|     |      | 1200 | 324/6T  | 03012EG3E326T-W22  | \$5,800    | N1           | 667                           | 1.25           | 36.7           | 94.1       | 31.116             | 230/460     | 36;37    |
| 40  | 30   | 3600 | 324/6TS | 04036EG3E324TS-W22 | \$5,198    | N1           | 590                           | 1.25           | 46.5           | 94.1       | 29.616             | 230/460     | 36;37    |
|     |      | 1800 | 324/6T  | 04018EG3E324T-W22  | \$4,596    | N1           | 638                           | 1.25           | 48.9           | 95.0       | 31.116             | 230/460     | 36;37    |
|     |      | 1200 | 364/5T  | 04012EG3E364T-W22  | \$8,012    | N1           | 1046                          | 1.25           | 48.9           | 95.0       | 34.251             | 230/460     | 36;37;51 |
| 50  | 37   | 3600 | 324/6TS | 05036EG3E326TS-W22 | \$5,848    | N1           | 637                           | 1.25           | 57.1           | 94.5       | 29.616             | 230/460     | 36;37    |
|     |      | 1800 | 324/6T  | 05018EG3E326T-W22  | \$5,610    | N1           | 661                           | 1.25           | 60.1           | 95.4       | 31.116             | 230/460     | 36;37    |
|     |      | 1200 | 364/5T  | 05012EG3E365T-W22  | \$9,370    | N1           | 1062                          | 1.25           | 60.3           | 95.0       | 34.251             | 230/460     | 36;37    |
| 60  | 45   | 3600 | 364/5TS | 06036EG3E364TS-W22 | \$8,307    | N1           | 1042                          | 1.25           | 66.8           | 95.0       | 32.338             | 230/460     | 36;37    |
|     |      | 1800 | 364/5T  | 06018EG3E364T-W22  | \$8,128    | N1           | 1045                          | 1.25           | 70.2           | 95.8       | 34.251             | 230/460     | 36;37    |
|     |      | 1200 | 404/5T  | 06012EG3E404T-W22  | \$11,547   | N1           | 1323                          | 1.25           | 72.2           | 95.4       | 39.730             | 230/460     | 36;37    |
| 75  | 55   | 3600 | 364/5TS | 07536EG3E365TS-W22 | \$10,000   | N1           | 1041                          | 1.25           | 82.6           | 95.0       | 32.338             | 230/460     | 36;37    |
|     |      | 1800 | 364/5T  | 07518EG3E365T-W22  | \$9,576    | N1           | 1046                          | 1.25           | 86.8           | 95.8       | 34.251             | 230/460     | 36;37    |
|     |      | 1200 | 404/5T  | 07512EG3E405T-W22  | \$13,264   | N1           | 1344                          | 1.25           | 89.3           | 95.4       | 39.730             | 230/460     | 36;37    |
| 100 | 75   | 3600 | 404/5TS | 10036EG3E405TS-W22 | \$13,202   | N1           | 1299                          | 1.25           | 111            | 95.4       | 36.732             | 230/460     | 36;37    |
|     |      | 1800 | 404/5T  | 10018EG3E405T-W22  | \$12,858   | N1           | 1328                          | 1.25           | 116            | 96.2       | 39.730             | 230/460     | 36;37    |
|     |      | 1200 | 444/5T  | 10012EG3E444T-W22  | \$17,194   | N1           | 2145                          | 1.25           | 124            | 95.8       | 45.157             | 230/460     | 36;37    |

continued on next page

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>

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Can't find what you are looking for? Call 1-800-ASK-4WEG (275-4934)

A-87

Super Premium  
Efficiency Motors

# Super Premium Efficiency Motors



GENERAL PURPOSE - Three-Phase

TEFC - Foot Mount - *continued*

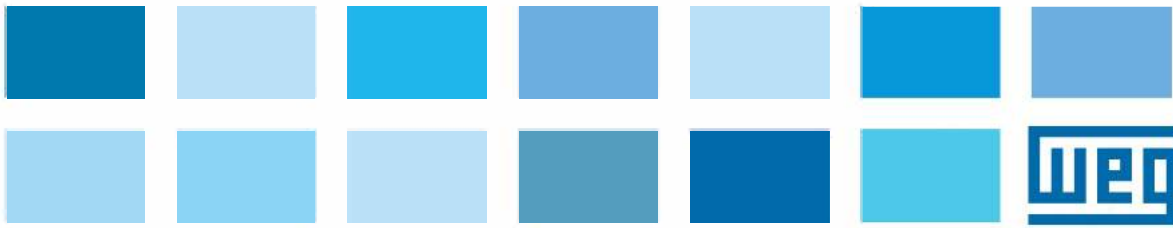
Super Premium  
Efficiency Motors

| HP  | kW  | RPM  | Frame   | Catalog Number            | List Price      | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes    |
|-----|-----|------|---------|---------------------------|-----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|----------|
| 125 | 90  | 3600 | 444/5TS | <b>12536EG3G444TS-W22</b> | <b>\$16,885</b> | N1           | 1872                          | 1.25           | 136            | 95.8        | 41.407             | 460         | 36;37    |
|     |     | 1800 | 444/5T  | <b>12518EG3G444T-W22</b>  | <b>\$16,223</b> | N1           | 1991                          | 1.25           | 140            | 96.2        | 45.157             | 460         | 36;37    |
|     |     | 1200 | 444/5T  | <b>12512EG3G445T-W22</b>  | <b>\$19,742</b> | N1           | 2231                          | 1.25           | 152            | 95.8        | 45.157             | 460         | 36;37;51 |
| 150 | 110 | 3600 | 444/5TS | <b>15036EG3G445TS-W22</b> | <b>\$20,770</b> | N1           | 2071                          | 1.25           | 163            | 96.2        | 41.407             | 460         | 36;37;51 |
|     |     | 1800 | 444/5T  | <b>15018EG3G445T-W22</b>  | <b>\$19,162</b> | N1           | 2226                          | 1.25           | 170            | 96.5        | 45.157             | 460         | 36;37    |
|     |     | 1200 | 447/9T  | <b>15012EG3G449T-W22</b>  | <b>\$22,703</b> | N1           | 3098                          | 1.25           | 179            | 96.2        | 56.338             | 460         | 36;37;51 |
| 200 | 150 | 3600 | 445/7TS | <b>20036EG3G447TS-W22</b> | <b>\$25,918</b> | N1           | 2333                          | 1.25           | 217            | 96.2        | 44.951             | 460         | 36;37    |
|     |     | 1800 | 447/9T  | <b>20018EG3G449T-W22</b>  | <b>\$23,208</b> | N1           | 2995                          | 1.25           | 234            | 96.8        | 56.338             | 460         | 36;37    |
|     |     | 1200 | 447/9T  | <b>20012EG3G449T-W22</b>  | <b>\$27,646</b> | N1           | 3145                          | 1.25           | 245            | 96.2        | 56.338             | 460         | 36;37;51 |
| 250 | 185 | 3600 | 445/7TS | <b>25036EG3G447TS-W22</b> | <b>\$32,831</b> | N1           | 2480                          | 1.25           | 267            | 96.5        | 44.951             | 460         | 36;37    |
|     |     | 1800 | 447/9T  | <b>25018EG3G449T-W22</b>  | <b>\$29,388</b> | N1           | 3083                          | 1.25           | 286            | 96.8        | 56.338             | 460         | 36;37    |

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## Super Premium Efficiency

The most efficient induction motor in the World!



Motors with higher efficiency  
and lower total cost of ownership...  
**We call it WEGnology.**



Transforming energy into solutions. [www.weg.net](http://www.weg.net)



# Severe-Duty – Three Phase Motors

## Severe Duty – Three-Phase Motors - (A-90)

### GENERAL PURPOSE

|                            |       |
|----------------------------|-------|
| TEFC – Foot Mount          | A-93  |
| TEFC – C-Face – Foot Mount | A-100 |
| TEFC – C-Face – Footless   | A-102 |

### IEEE 841

|                               |       |
|-------------------------------|-------|
| TEFC – Foot Mount             | A-104 |
| TEFC – C-Face – Foot Mount    | A-108 |
| TEFC – C-Face – Footless      | A-109 |
| W22 API661 Severe Duty Motors | A-110 |

### CRUSHER DUTY

|                   |       |
|-------------------|-------|
| TEFC – Foot Mount | A-113 |
|-------------------|-------|

### VECTOR DUTY

|                                   |       |
|-----------------------------------|-------|
| TENV – Foot Mount – Double C-Face | A-115 |
|-----------------------------------|-------|

### IEC TRU-METRIC™

|                                    |       |
|------------------------------------|-------|
| TEFC – Foot Mount IE3              | A-117 |
| TEFC – Foot Mount - FF-Face Motors | A-118 |

# Severe-Duty – Three Phase Motors

You Do Not Need A Special Motor  
For Severe Duty.

Severe Duty Is Standard With WEG.

## W22 - Cast Iron

### Standard Features:

- 50/60 Hz rated (380V on nameplate - 400/415 available)
- Rated 50HZ at same horsepower up to 250HP 1.0 Service Factor for 2, 4 & 6 pole motors
- Rated 50Hz at same horsepower up to 125HP 1.0 Service Factor for 8 pole motors
- Class F insulation (impregnation resin and magnet wire are class H)
- F1 mounted (cast iron frames are F2 convertible). Frames 447T and up can easily be F2 converted by simply rotating the terminal box adapter
- Cast iron frames: regreasable ball bearings (frames 254T and up)
- Gasketed conduit box
- 200-240V Space heaters standard on Frames 586/7-588/9

### \*Inverter Rated

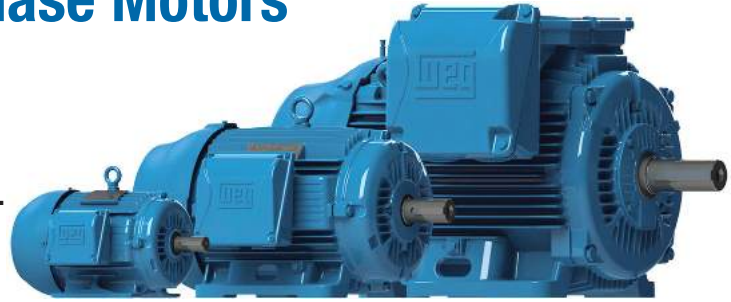
**1000:1 for Variable Torque**

**NEMA Premium®**

**20:1 Constant Torque up to 250HP**

**6:1 Constant Torque 300HP and up**

*\* Insulated housing standard on L449T and above*



### Features that make a difference:

- All NEMA Premium® ratings have a 1.25 Service Factor (up to 100 HP) resulting in cooler operation and extended life of the motor
- All Cast Iron Construction, including Terminal Box and Fan Cover (\*)
- Solid feet for low vibration levels and impact absorption
- Optimized ventilation system for cool operation and extended life
- High Grade FC200 cast iron provides superior mechanical strength and heat dissipation
- All WEG W22 motors are Totally Enclosed Fan Cooled with a true IP55 rating against dust and moisture. (IP56, IP65 and IP66 available as optional)
- Exclusive W-Seal 364T and larger provides superior bearing protection
- Taconite Labyrinth seal 586 Frame and larger
- Exclusive WEG painting system exceed 200hrs ASTM 117 corrosion test (Exceeds IEEE 841 standard)
- Balanced to 0.08 inches per second vibration limits (Meets IEEE 841 standard)
- Four Bolt Conduit Cover with glued Neoprene Gasket
- Impregnation Resin and magnet wire are insulation class H
- Stainless Steel Nameplate - Laser etched with high contrast background
- Corrosion Proof Drains
- Inverter Duty per NEMA MG1, Part 31
- Certified Class I Div 2, Groups A, B, C & D; Class II, Div 2, Groups F & G
- Suitable for IEEE45 USCG 259 – Marine Duty

\*Cast iron fan cover available as an option on 143-215T frames

Severe Duty -  
Three-Phase  
Motors

### Optimal Cooling System

#### Fan Cover

- Aerodynamic design
- Minimal noise levels
- Superb air flow distribution over frame
- Superior mechanical strength

#### Fan

- Reinforced fan hub structure
- Noise level reduction
- Optimal air flow

### Terminal Box

- Excellent connection quality
- Easy cable handling during installation
- Ample space available for accessory installation
- Low Maintenance
- Mounting F1/F2/F3
- Rotation on 90° stages

### Bearing Caps

#### External

- Finned surface for optimal bearing heat dissipation

#### Internal

- Positive pressure lubrication system
- Excellent bearing lubrication quality improvement
- Lower bearing temperature
- 1.25 SF up to 100 hp

### Seal Subsystem

- Excellent dust and moisture protection

### Frame

- Low temperature on windings and bearings
- Low noise design
- Terminal box position outlet on top; 447T and larger

#### Pad for vibration sensor

- Displaced 90° from each other

### Enhanced Lifting Provisions

- Easy handling - horizontal & vertical
- Superior mechanical strength and handling safety

#### Solid feet

- Impact resistance
- Ideal for high vibration level applications

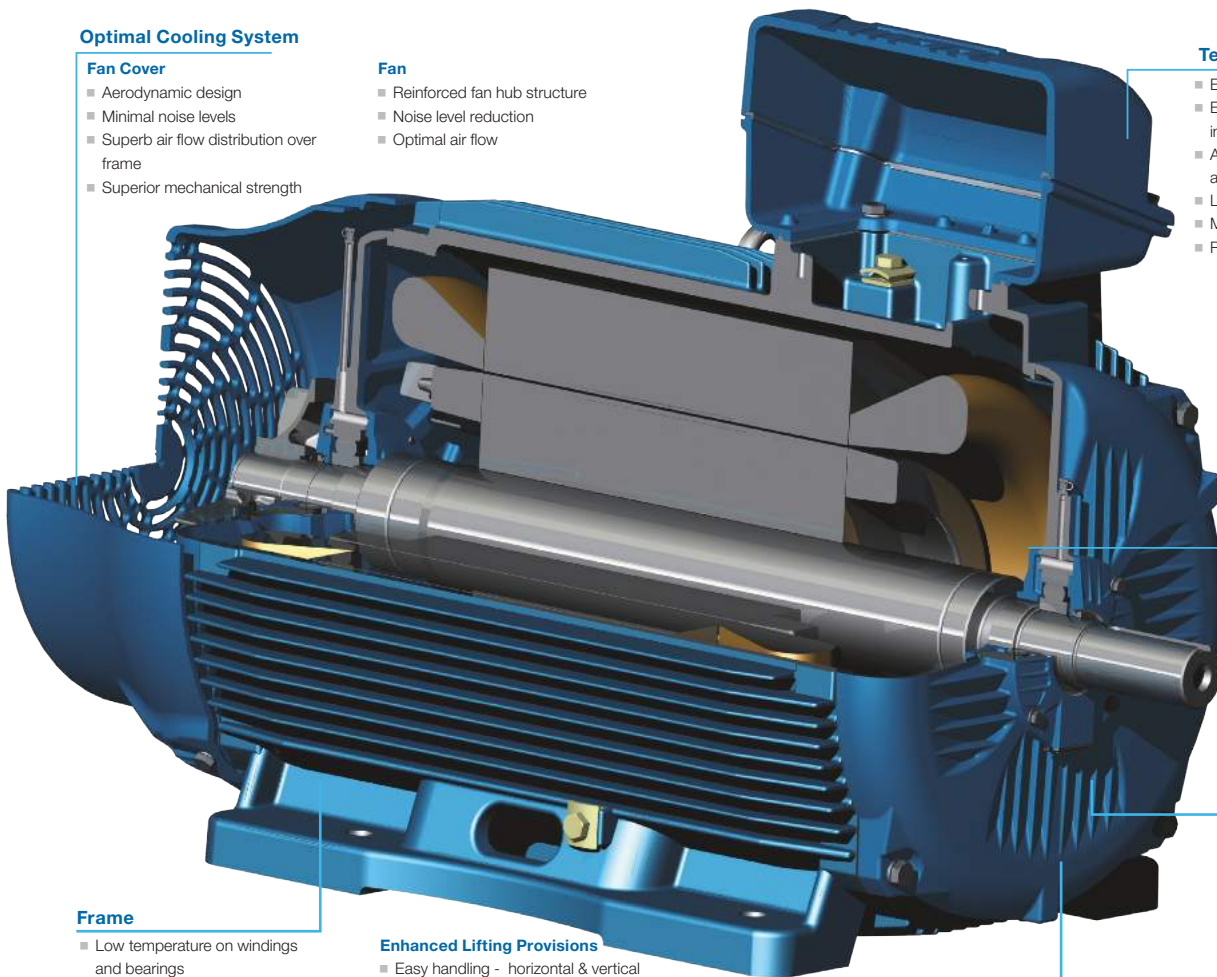
### Endshields Subsystem

#### DE (Drive Endshield)

- Fin design increases air flow
- Bearing moved outwards for better load support
- Bearing heat dissipation for reduced bearing temperature
- Reinforced endshield structure

#### NDE (Non-Drive Endshield)

- Smooth exterior surface
- Optimal air flow
- Designed for low noise
- Structural rigidity for low vibration
- Insulated housing standard on L447/9T and above



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# Severe Duty - Three-Phase Motors

GENERAL PURPOSE

## TEFC - Foot Mount

| HP  | kW   | RPM  | Frame  | Catalog Number                    | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|--------|-----------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 1   | 0.75 | 3600 | 143/5T | <a href="#">00136ET3E143T-W22</a> | \$538      | N1           | 45                            | 1.25           | 1.44           | 81.5       | 13.358             | 230/460     |       |
|     |      | 3600 | 143/5T | <a href="#">00136ET3H143T-W22</a> | \$538      | N1           | 44                            | 1.25           | 1.15           | 81.5       | 13.358             | 575         |       |
|     |      | 1800 | 143/5T | <a href="#">00118ET3E143T-W22</a> | \$527      | N1           | 48                            | 1.25           | 1.47           | 85.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5T | <a href="#">00118ET3H143T-W22</a> | \$527      | N1           | 48                            | 1.25           | 1.18           | 85.5       | 13.358             | 575         |       |
|     |      | 1200 | 143/5T | <a href="#">00112ET3E145T-W22</a> | \$608      | N1           | 55                            | 1.25           | 1.73           | 82.5       | 13.358             | 230/460     |       |
|     |      | 1200 | 143/5T | <a href="#">00112ET3H145T-W22</a> | \$608      | N1           | 55                            | 1.25           | 1.38           | 82.5       | 13.358             | 575         |       |
|     |      | 900  | 182/4T | <a href="#">00109ET3E182T-W22</a> | \$1,043    | N1           | 88                            | 1.25           | 2.30           | 78.5       | 15.860             | 230/460     |       |
|     |      | 900  | 182/4T | <a href="#">00109ET3H182T-W22</a> | \$1,043    | N1           | 104                           | 1.25           | 1.84           | 78.5       | 15.860             | 575         |       |
| 1.5 | 1.1  | 3600 | 143/5T | <a href="#">00156ET3E143T-W22</a> | \$543      | N1           | 49                            | 1.25           | 1.96           | 84.0       | 13.358             | 230/460     |       |
|     |      | 3600 | 143/5T | <a href="#">00156ET3H143T-W22</a> | \$543      | N1           | 49                            | 1.25           | 1.57           | 84.0       | 13.358             | 575         |       |
|     |      | 1800 | 143/5T | <a href="#">00158ET3E145T-W22</a> | \$551      | N1           | 53                            | 1.25           | 2.02           | 86.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5T | <a href="#">00158ET3H145T-W22</a> | \$551      | N1           | 53                            | 1.25           | 1.62           | 86.5       | 13.358             | 575         |       |
|     |      | 1200 | 182/4T | <a href="#">00152ET3E182T-W22</a> | \$754      | N1           | 97                            | 1.25           | 2.54           | 87.5       | 15.860             | 230/460     |       |
|     |      | 1200 | 182/4T | <a href="#">00152ET3H182T-W22</a> | \$754      | N1           | 97                            | 1.25           | 2.03           | 87.5       | 15.860             | 575         |       |
|     |      | 900  | 182/4T | <a href="#">00159ET3E184T-W22</a> | \$1,207    | N1           | 102                           | 1.25           | 2.70           | 82.5       | 15.860             | 230/460     |       |
|     |      | 900  | 182/4T | <a href="#">00159ET3H184T-W22</a> | \$1,207    | N1           | 102                           | 1.25           | 2.16           | 82.5       | 15.860             | 575         |       |
| 2   | 1.5  | 3600 | 143/5T | <a href="#">00236ET3E145T-W22</a> | \$591      | N1           | 54                            | 1.25           | 2.56           | 85.5       | 13.358             | 230/460     |       |
|     |      | 3600 | 143/5T | <a href="#">00236ET3H145T-W22</a> | \$591      | N1           | 54                            | 1.25           | 2.05           | 85.5       | 13.358             | 575         |       |
|     |      | 1800 | 143/5T | <a href="#">00218ET3E145T-W22</a> | \$612      | N1           | 51                            | 1.25           | 2.76           | 86.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5T | <a href="#">00218ET3H145T-W22</a> | \$612      | N1           | 54                            | 1.25           | 2.21           | 86.5       | 13.358             | 575         |       |
|     |      | 1200 | 182/4T | <a href="#">00212ET3E184T-W22</a> | \$819      | N1           | 108                           | 1.25           | 3.22           | 88.5       | 15.860             | 230/460     | 39    |
|     |      | 1200 | 182/4T | <a href="#">00212ET3H184T-W22</a> | \$819      | N1           | 103                           | 1.25           | 2.58           | 88.5       | 15.860             | 575         | 39    |
|     |      | 900  | 213/5T | <a href="#">00209ET3E213T-W22</a> | \$1,848    | N1           | 171                           | 1.25           | 3.39           | 85.5       | 19.517             | 230/460     |       |
|     |      | 900  | 213/5T | <a href="#">00209ET3H213T-W22</a> | \$1,848    | N1           | 171                           | 1.25           | 2.71           | 85.5       | 19.517             | 575         |       |
| 3   | 2.2  | 3600 | 182/4T | <a href="#">00336ET3E182T-W22</a> | \$763      | N1           | 99                            | 1.25           | 3.63           | 86.5       | 15.860             | 230/460     |       |
|     |      | 3600 | 182/4T | <a href="#">00336ET3H182T-W22</a> | \$763      | N1           | 99                            | 1.25           | 2.90           | 86.5       | 15.860             | 575         |       |
|     |      | 1800 | 182/4T | <a href="#">00318ET3E182T-W22</a> | \$663      | N1           | 92                            | 1.25           | 3.91           | 89.5       | 15.860             | 230/460     |       |
|     |      | 1800 | 182/4T | <a href="#">00318ET3H182T-W22</a> | \$663      | N1           | 94                            | 1.25           | 3.13           | 89.5       | 15.860             | 575         |       |
|     |      | 1200 | 213/5T | <a href="#">00312ET3E213T-W22</a> | \$1,129    | N1           | 160                           | 1.25           | 4.41           | 89.5       | 19.517             | 230/460     |       |
|     |      | 1200 | 213/5T | <a href="#">00312ET3H213T-W22</a> | \$1,129    | N1           | 163                           | 1.25           | 3.53           | 89.5       | 19.517             | 575         |       |
|     |      | 900  | 213/5T | <a href="#">00309ET3E215T-W22</a> | \$2,115    | N1           | 189                           | 1.25           | 4.55           | 85.5       | 19.517             | 230/460     |       |
|     |      | 900  | 213/5T | <a href="#">00309ET3H215T-W22</a> | \$2,115    | N1           | 188                           | 1.25           | 3.64           | 85.5       | 19.517             | 575         |       |
| 5   | 3.7  | 3600 | 182/4T | <a href="#">00536ET3E184T-W22</a> | \$873      | N1           | 103                           | 1.25           | 5.90           | 88.5       | 15.860             | 230/460     |       |
|     |      | 3600 | 182/4T | <a href="#">00536ET3H184T-W22</a> | \$873      | N1           | 106                           | 1.25           | 4.72           | 88.5       | 15.860             | 575         |       |
|     |      | 1800 | 182/4T | <a href="#">00518ET3E184T-W22</a> | \$772      | N1           | 101                           | 1.25           | 6.45           | 89.5       | 15.860             | 230/460     |       |
|     |      | 1800 | 182/4T | <a href="#">00518ET3H184T-W22</a> | \$772      | N1           | 104                           | 1.25           | 5.16           | 89.5       | 15.860             | 575         |       |
|     |      | 1800 | 182/4T | <a href="#">00518ET3P184T-W22</a> | \$772      | N1           | 103                           | 1.25           | 14.8           | 89.5       | 15.860             | 200         |       |
|     |      | 1200 | 213/5T | <a href="#">00512ET3E215T-W22</a> | \$1,332    | N1           | 170                           | 1.25           | 6.83           | 89.5       | 19.517             | 230/460     |       |
|     |      | 1200 | 213/5T | <a href="#">00512ET3H215T-W22</a> | \$1,332    | N1           | 180                           | 1.25           | 5.46           | 89.5       | 19.517             | 575         |       |
|     |      | 900  | 254/6T | <a href="#">00509ET3E254T-W22</a> | \$3,301    | N1           | 302                           | 1.25           | 7.58           | 87.5       | 24.945             | 230/460     |       |
|     |      | 900  | 254/6T | <a href="#">00509ET3H254T-W22</a> | \$3,301    | N1           | 321                           | 1.25           | 6.06           | 87.5       | 24.945             | 575         |       |

continued on next page

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Severe Duty -  
Three-Phase  
Motors

# Severe Duty - Three-Phase Motors



## GENERAL PURPOSE

### TEFC - Foot Mount - *continued*

| HP  | kW  | RPM  | Frame   | Catalog Number                     | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes   |
|-----|-----|------|---------|------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|---------|
| 7.5 | 5.5 | 3600 | 182/4T  | <a href="#">00736ET3E184T-W22</a>  | \$1,074    | N1           | 106                           | 1.25           | 8.76           | 89.5       | 15.860             | 230/460     | 12      |
|     |     | 3600 | 213/5T  | <a href="#">00736ET3E213T-W22</a>  | \$1,125    | N1           | 149                           | 1.25           | 8.76           | 89.5       | 19.517             | 230/460     |         |
|     |     | 3600 | 213/5T  | <a href="#">00736ET3H213T-W22</a>  | \$1,125    | N1           | 163                           | 1.25           | 7.01           | 89.5       | 19.517             | 575         |         |
|     |     | 1800 | 213/5T  | <a href="#">00718ET3E213T-W22</a>  | \$1,089    | N1           | 170                           | 1.25           | 9.18           | 91.7       | 19.517             | 230/460     |         |
|     |     | 1800 | 213/5T  | <a href="#">00718ET3H213T-W22</a>  | \$1,089    | N1           | 174                           | 1.25           | 7.34           | 91.7       | 19.517             | 575         |         |
|     |     | 1800 | 213/5T  | <a href="#">00718ET3P213T-W22</a>  | \$1,089    | N1           | 175                           | 1.25           | 21.1           | 91.7       | 19.517             | 200         |         |
|     |     | 1200 | 254/6T  | <a href="#">00712ET3E254T-W22</a>  | \$2,065    | N1           | 300                           | 1.25           | 9.48           | 91.0       | 24.945             | 230/460     |         |
|     |     | 1200 | 254/6T  | <a href="#">00712ET3H254T-W22</a>  | \$2,065    | N1           | 316                           | 1.25           | 7.58           | 91.0       | 24.945             | 575         | 39      |
|     |     | 900  | 254/6T  | <a href="#">00709ET3E256T-W22</a>  | \$3,658    | N1           | 317                           | 1.25           | 11.1           | 87.5       | 24.945             | 230/460     |         |
|     |     | 900  | 254/6T  | <a href="#">00709ET3H256T-W22</a>  | \$3,658    | N1           | 373                           | 1.25           | 8.88           | 87.5       | 24.945             | 575         |         |
| 10  | 7.5 | 3600 | 213/5T  | <a href="#">01036ET3E215T-W22</a>  | \$1,332    | N1           | 172                           | 1.25           | 11.6           | 90.2       | 19.517             | 230/460     |         |
|     |     | 3600 | 213/5T  | <a href="#">01036ET3H215T-W22</a>  | \$1,332    | N1           | 180                           | 1.25           | 9.28           | 90.2       | 19.517             | 575         |         |
|     |     | 1800 | 213/5T  | <a href="#">01018ET3E215T-W22</a>  | \$1,273    | N1           | 175                           | 1.25           | 12.4           | 91.7       | 19.517             | 230/460     |         |
|     |     | 1800 | 213/5T  | <a href="#">01018ET3H215T-W22</a>  | \$1,273    | N1           | 188                           | 1.25           | 9.92           | 91.7       | 19.517             | 575         |         |
|     |     | 1800 | 213/5T  | <a href="#">01018ET3P215T-W22</a>  | \$1,273    | N1           | 189                           | 1.25           | 28.5           | 91.7       | 19.517             | 200         |         |
|     |     | 1200 | 254/6T  | <a href="#">01012ET3E256T-W22</a>  | \$2,396    | N1           | 318                           | 1.25           | 12.9           | 91.0       | 24.945             | 230/460     |         |
|     |     | 1200 | 254/6T  | <a href="#">01012ET3H256T-W22</a>  | \$2,396    | N1           | 325                           | 1.25           | 10.3           | 91.0       | 24.945             | 575         |         |
|     |     | 900  | 284/6T  | <a href="#">01009ET3E284T-W22</a>  | \$4,634    | N1           | 373                           | 1.25           | 13.4           | 90.2       | 27.929             | 230/460     |         |
|     |     | 900  | 284/6T  | <a href="#">01009ET3H284T-W22</a>  | \$4,634    | N1           | 371                           | 1.25           | 10.7           | 90.2       | 27.929             | 575         |         |
| 15  | 11  | 3600 | 213/5T  | <a href="#">01536ET3E215T-W22</a>  | \$1,697    | N1           | 192                           | 1.25           | 17.0           | 91.0       | 19.517             | 230/460     | 12      |
|     |     | 3600 | 254/6T  | <a href="#">01536ET3E254T-W22</a>  | \$1,824    | N1           | 293                           | 1.25           | 17.2           | 91.0       | 24.945             | 230/460     |         |
|     |     | 3600 | 254/6T  | <a href="#">01536ET3H254T-W22</a>  | \$1,824    | N1           | 298                           | 1.25           | 13.8           | 91.0       | 24.945             | 575         |         |
|     |     | 1800 | 254/6T  | <a href="#">01518ET3E254T-W22</a>  | \$1,848    | N1           | 339                           | 1.25           | 18.0           | 92.4       | 24.945             | 230/460     |         |
|     |     | 1800 | 254/6T  | <a href="#">01518ET3H254T-W22</a>  | \$1,848    | N1           | 347                           | 1.25           | 14.4           | 92.4       | 24.945             | 575         |         |
|     |     | 1800 | 254/6T  | <a href="#">01518ET3P254T-W22</a>  | \$1,848    | N1           | 349                           | 1.25           | 41.4           | 92.4       | 24.945             | 200         |         |
|     |     | 1200 | 284/6TS | <a href="#">01512ET3E284TS-W22</a> | \$3,291    | N1           | 420                           | 1.25           | 17.9           | 91.7       | 26.557             | 230/460     |         |
|     |     | 1200 | 284/6TS | <a href="#">01512ET3H284TS-W22</a> | \$3,291    | N1           | 360                           | 1.25           | 14.3           | 91.7       | 26.557             | 575         |         |
|     |     | 1200 | 284/6T  | <a href="#">01512ET3E284T-W22</a>  | \$3,291    | N1           | 406                           | 1.25           | 17.9           | 91.7       | 27.929             | 230/460     |         |
|     |     | 1200 | 284/6T  | <a href="#">01512ET3H284T-W22</a>  | \$3,291    | N1           | 420                           | 1.25           | 14.3           | 91.7       | 27.929             | 575         |         |
|     |     | 900  | 284/6T  | <a href="#">01509ET3E286T-W22</a>  | \$5,368    | N1           | 429                           | 1.25           | 19.4           | 90.2       | 27.929             | 230/460     |         |
|     |     | 900  | 284/6T  | <a href="#">01509ET3H286T-W22</a>  | \$5,368    | N1           | 428                           | 1.25           | 15.5           | 90.2       | 27.929             | 575         |         |
| 20  | 15  | 3600 | 254/6T  | <a href="#">02036ET3E256T-W22</a>  | \$2,382    | N1           | 317                           | 1.25           | 23.2           | 91.0       | 24.945             | 230/460     |         |
|     |     | 3600 | 254/6T  | <a href="#">02036ET3H256T-W22</a>  | \$2,382    | N1           | 323                           | 1.25           | 18.6           | 91.0       | 24.945             | 575         |         |
|     |     | 1800 | 254/6T  | <a href="#">02018ET3E256T-W22</a>  | \$2,201    | N1           | 386                           | 1.25           | 24.1           | 93.0       | 24.945             | 230/460     |         |
|     |     | 1800 | 254/6T  | <a href="#">02018ET3H256T-W22</a>  | \$2,201    | N1           | 396                           | 1.25           | 19.3           | 93.0       | 24.945             | 575         |         |
|     |     | 1800 | 254/6T  | <a href="#">02018ET3P256T-W22</a>  | \$2,201    | N1           | 397                           | 1.25           | 55.4           | 93.0       | 24.945             | 200         |         |
|     |     | 1200 | 284/6T  | <a href="#">02012ET3E286T-W22</a>  | \$3,962    | N1           | 432                           | 1.25           | 24.2           | 91.7       | 27.929             | 230/460     |         |
|     |     | 1200 | 284/6T  | <a href="#">02012ET3H286T-W22</a>  | \$3,962    | N1           | 447                           | 1.25           | 19.4           | 91.7       | 27.929             | 575         |         |
|     |     | 900  | 284/6T  | <a href="#">02009ET3E286T-W22</a>  | \$5,854    | N1           | 556                           | 1.00           | 28.2           | 90.2       | 27.929             | 230/460     | 1;12;37 |
|     |     | 900  | 324/6T  | <a href="#">02009ET3E324T-W22</a>  | \$6,339    | N1           | 548                           | 1.25           | 28.3           | 91.0       | 31.116             | 230/460     |         |
|     |     | 900  | 324/6T  | <a href="#">02009ET3H324T-W22</a>  | \$6,339    | N1           | 546                           | 1.25           | 22.6           | 91.0       | 31.116             | 575         |         |

*continued on next page*

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### TEFC - Foot Mount - *continued*

| HP | kW   | RPM  | Frame   | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|----|------|------|---------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 25 | 18.5 | 3600 | 284/6TS | <a href="#">02536ET3E284TS-W22</a>  | \$2,998    | N1           | 391                           | 1.25           | 28.5           | 91.7       | 26.557             | 230/460     |       |
|    |      | 3600 | 284/6TS | <a href="#">02536ET3H284TS-W22</a>  | \$2,998    | N1           | 405                           | 1.25           | 22.8           | 91.7       | 26.557             | 575         |       |
|    |      | 1800 | 284/6TS | <a href="#">02518ET3E284TS-W22</a>  | \$2,743    | N1           | 438                           | 1.25           | 29.5           | 93.6       | 26.557             | 230/460     |       |
|    |      | 1800 | 284/6T  | <a href="#">02518ET3E284T-W22</a>   | \$2,743    | N1           | 408                           | 1.25           | 29.5           | 93.6       | 27.929             | 230/460     |       |
|    |      | 1800 | 284/6T  | <a href="#">02518ET3H284T-W22</a>   | \$2,743    | N1           | 439                           | 1.25           | 23.6           | 93.6       | 27.929             | 575         |       |
|    |      | 1200 | 324/6T  | <a href="#">02512ET3E324T-W22</a>   | \$4,737    | N1           | 569                           | 1.25           | 30.4           | 93.0       | 31.116             | 230/460     |       |
|    |      | 1200 | 324/6T  | <a href="#">02512ET3H324T-W22</a>   | \$4,737    | N1           | 583                           | 1.25           | 24.3           | 93.0       | 31.116             | 575         |       |
|    |      | 900  | 324/6T  | <a href="#">02509ET3E326T-W22</a>   | \$7,315    | N1           | 593                           | 1.25           | 35.9           | 91.0       | 31.116             | 230/460     |       |
|    |      | 900  | 324/6T  | <a href="#">02509ET3H326T-W22</a>   | \$7,315    | N1           | 593                           | 1.25           | 28.7           | 91.0       | 31.116             | 575         |       |
| 30 | 22   | 3600 | 284/6TS | <a href="#">03036ET3E286TS-W22</a>  | \$3,561    | N1           | 408                           | 1.25           | 33.8           | 91.7       | 26.557             | 230/460     |       |
|    |      | 3600 | 284/6TS | <a href="#">03036ET3H286TS-W22</a>  | \$3,561    | N1           | 425                           | 1.25           | 27.0           | 91.7       | 26.557             | 575         |       |
|    |      | 1800 | 284/6TS | <a href="#">03018ET3E286TS-W22</a>  | \$3,223    | N1           | 476                           | 1.25           | 35.1           | 93.6       | 26.557             | 230/460     |       |
|    |      | 1800 | 284/6T  | <a href="#">03018ET3E286T-W22</a>   | \$3,223    | N1           | 461                           | 1.25           | 35.1           | 93.6       | 27.929             | 230/460     |       |
|    |      | 1800 | 284/6T  | <a href="#">03018ET3H286T-W22</a>   | \$3,223    | N1           | 476                           | 1.25           | 28.1           | 93.6       | 27.929             | 575         |       |
|    |      | 1200 | 324/6T  | <a href="#">03012ET3E326T-W22</a>   | \$5,273    | N1           | 530                           | 1.25           | 36.2           | 93.0       | 31.116             | 230/460     |       |
|    |      | 1200 | 324/6T  | <a href="#">03012ET3H326T-W22</a>   | \$5,273    | N1           | 627                           | 1.25           | 29.0           | 93.0       | 31.116             | 575         |       |
|    |      | 900  | 364/5T  | <a href="#">03009ET3E364T-W22</a>   | \$11,215   | N1           | 899                           | 1.25           | 37.0           | 92.4       | 34.251             | 230/460     |       |
| 40 | 30   | 3600 | 324/6TS | <a href="#">04036ET3E324TS-W22</a>  | \$4,725    | N1           | 546                           | 1.25           | 45.8           | 92.4       | 29.616             | 230/460     |       |
|    |      | 3600 | 324/6TS | <a href="#">04036ET3H324TS-W22</a>  | \$4,725    | N1           | 589                           | 1.25           | 36.6           | 92.4       | 29.616             | 575         |       |
|    |      | 1800 | 324/6TS | <a href="#">04018ET3E324TS-W22</a>  | \$4,178    | N1           | 613                           | 1.25           | 47.1           | 94.1       | 31.116             | 230/460     |       |
|    |      | 1800 | 324/6T  | <a href="#">04018ET3E324T-W22</a>   | \$4,178    | N1           | 591                           | 1.25           | 47.1           | 94.1       | 31.116             | 230/460     |       |
|    |      | 1800 | 324/6T  | <a href="#">04018ET3H324T-W22</a>   | \$4,178    | N1           | 614                           | 1.25           | 37.7           | 94.1       | 31.116             | 575         |       |
|    |      | 1800 | 324/6T  | <a href="#">04018ET3P324T-W22</a>   | \$4,178    | N1           | 625                           | 1.25           | 108            | 94.1       | 31.116             | 200         |       |
|    |      | 1200 | 364/5T  | <a href="#">04012ET3E364T-W22</a>   | \$7,284    | N1           | 964                           | 1.25           | 46.5           | 94.1       | 34.251             | 230/460     |       |
|    |      | 1200 | 364/5T  | <a href="#">04012ET3H364T-W22</a>   | \$7,284    | N1           | 904                           | 1.25           | 37.2           | 94.1       | 34.251             | 575         |       |
|    |      | 900  | 364/5T  | <a href="#">04009ET3E365T-W22</a>   | \$12,194   | N1           | 954                           | 1.25           | 50.3           | 92.4       | 34.251             | 230/460     |       |
| 50 | 37   | 3600 | 324/6TS | <a href="#">05036ET3E326TS-W22</a>  | \$5,316    | N1           | 587                           | 1.25           | 56.1           | 93.0       | 29.616             | 230/460     |       |
|    |      | 3600 | 324/6TS | <a href="#">05036ET3H326TS-W22</a>  | \$5,316    | N1           | 610                           | 1.25           | 44.9           | 93.0       | 29.616             | 575         |       |
|    |      | 1800 | 324/6TS | <a href="#">05018ET3E326TS-W22</a>  | \$5,100    | N1           | 637                           | 1.25           | 59.2           | 94.5       | 31.116             | 230/460     |       |
|    |      | 1800 | 324/6T  | <a href="#">05018ET3E326T-W22</a>   | \$5,100    | N1           | 585                           | 1.25           | 59.2           | 94.5       | 31.116             | 230/460     |       |
|    |      | 1800 | 324/6T  | <a href="#">05018ET3H326T-W22</a>   | \$5,100    | N1           | 634                           | 1.25           | 47.4           | 94.5       | 31.116             | 575         |       |
|    |      | 1200 | 364/5T  | <a href="#">05012ET3E365T-W22</a>   | \$8,518    | N1           | 914                           | 1.25           | 57.4           | 94.1       | 34.251             | 230/460     |       |
|    |      | 1200 | 364/5T  | <a href="#">05012ET3H365T-W22</a>   | \$8,518    | N1           | 1026                          | 1.25           | 45.9           | 94.1       | 34.251             | 575         |       |
|    |      | 900  | 404/5T  | <a href="#">05009ET3E404T-W22</a>   | \$17,648   | N1           | 1214                          | 1.25           | 60.0           | 93.0       | 39.73              | 230/460     |       |
| 60 | 45   | 3600 | 364/5TS | <a href="#">06036ET3E364TS-W22</a>  | \$7,552    | N1           | 855                           | 1.25           | 67.0           | 93.6       | 32.338             | 230/460     |       |
|    |      | 3600 | 364/5TS | <a href="#">06036ET3G364TS-W22</a>  | \$7,552    | N1           | 961                           | 1.25           | 67.0           | 93.6       | 32.338             | 460         |       |
|    |      | 3600 | 364/5TS | <a href="#">06036ET3H364TS-W22</a>  | \$7,552    | N1           | 968                           | 1.25           | 53.6           | 93.6       | 32.338             | 575         |       |
|    |      | 1800 | 364/5TS | <a href="#">06018ET3E364TS-W22</a>  | \$7,389    | N1           | 1026                          | 1.25           | 68.3           | 95.0       | 32.338             | 230/460     |       |
|    |      | 1800 | 364/5T  | <a href="#">06018ET3E364T-W22</a>   | \$7,389    | N1           | 946                           | 1.25           | 68.3           | 95.0       | 34.251             | 230/460     |       |
|    |      | 1800 | 364/5T  | <a href="#">06018ET3G364T-W22</a>   | \$7,389    | N1           | 1025                          | 1.25           | 68.3           | 95.0       | 34.251             | 460         |       |
|    |      | 1800 | 364/5T  | <a href="#">06018ET3H364T-W22</a>   | \$7,389    | N1           | 1033                          | 1.25           | 54.6           | 95.0       | 34.251             | 575         |       |
|    |      | 1200 | 404/5T  | <a href="#">06012ET3E404T-W22</a>   | \$10,497   | N1           | 1252                          | 1.25           | 69.5           | 94.5       | 39.730             | 230/460     |       |
|    |      | 1200 | 404/5T  | <a href="#">06012ET3ERB404T-W22</a> | \$10,497   | N1           | 1262                          | 1.25           | 69.5           | 94.5       | 39.730             | 230/460     | 14    |
|    |      | 1200 | 404/5T  | <a href="#">06012ET3G404T-W22</a>   | \$10,497   | N1           | 1213                          | 1.25           | 69.5           | 94.5       | 39.730             | 460         |       |
|    |      | 1200 | 404/5T  | <a href="#">06012ET3H404T-W22</a>   | \$10,497   | N1           | 1255                          | 1.25           | 55.6           | 94.5       | 39.730             | 575         |       |
|    |      | 900  | 404/5T  | <a href="#">06009ET3E405T-W22</a>   | \$20,443   | N1           | 1263                          | 1.25           | 73.0           | 93.0       | 39.730             | 230/460     |       |

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Please refer to back cover for description of "NOTES"

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# Severe Duty - Three-Phase Motors



## GENERAL PURPOSE

### TEFC - Foot Mount - *continued*

| HP  | kW | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|----|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 75  | 55 | 3600 | 364/5TS | <a href="#">07536ET3E365TS-W22</a>   | \$9,091    | N1           | 900                           | 1.25           | 81.9           | 93.6       | 32.338             | 230/460     |       |
|     |    | 3600 | 364/5TS | <a href="#">07536ET3G365TS-W22</a>   | \$9,091    | N1           | 963                           | 1.25           | 81.9           | 93.6       | 32.338             | 460         |       |
|     |    | 3600 | 364/5TS | <a href="#">07536ET3H365TS-W22</a>   | \$9,091    | N1           | 967                           | 1.25           | 65.5           | 93.6       | 32.338             | 575         |       |
|     |    | 1800 | 364/5TS | <a href="#">07518ET3E365TS-W22</a>   | \$8,705    | N1           | 988                           | 1.25           | 84.1           | 95.4       | 32.338             | 230/460     |       |
|     |    | 1800 | 364/5T  | <a href="#">07518ET3E365T-W22</a>    | \$8,705    | N1           | 969                           | 1.25           | 84.1           | 95.4       | 34.251             | 230/460     |       |
|     |    | 1800 | 364/5T  | <a href="#">07518ET3G365T-W22</a>    | \$8,705    | N1           | 1045                          | 1.25           | 84.1           | 95.4       | 34.251             | 460         |       |
|     |    | 1800 | 364/5T  | <a href="#">07518ET3H365T-W22</a>    | \$8,705    | N1           | 1050                          | 1.25           | 67.3           | 95.4       | 34.251             | 575         |       |
|     |    | 1200 | 404/5T  | <a href="#">07512ET3E405T-W22</a>    | \$12,058   | N1           | 1303                          | 1.25           | 84.9           | 94.5       | 39.730             | 230/460     |       |
|     |    | 1200 | 404/5T  | <a href="#">07512ET3ERB405T-W22</a>  | \$12,058   | N1           | 1262                          | 1.25           | 84.9           | 94.5       | 39.730             | 230/460     | 14    |
|     |    | 1200 | 404/5T  | <a href="#">07512ET3G405T-W22</a>    | \$12,058   | N1           | 1298                          | 1.25           | 84.9           | 94.5       | 39.730             | 460         |       |
|     |    | 1200 | 404/5T  | <a href="#">07512ET3GRB405T-W22</a>  | \$12,058   | N1           | 1309                          | 1.25           | 84.9           | 94.5       | 39.730             | 460         | 14    |
|     |    | 1200 | 404/5T  | <a href="#">07512ET3H405T-W22</a>    | \$12,058   | N1           | 1303                          | 1.25           | 67.9           | 94.5       | 39.730             | 575         |       |
|     |    | 900  | 444/5T  | <a href="#">07509ET3E444T-W22</a>    | \$23,334   | N1           | 1665                          | 1.25           | 93.0           | 93.6       | 45.157             | 230/460     |       |
|     |    | 900  | 444/5T  | <a href="#">07509ET3QRB444TF2-W2</a> | \$23,334   | N1           | 1707                          | 1.25           | 93.0           | 93.6       | 45.157             | 460         | 14    |
| 100 | 75 | 3600 | 404/5TS | <a href="#">10036ET3E405TS-W22</a>   | \$12,002   | N1           | 1024                          | 1.25           | 110            | 94.1       | 36.732             | 230/460     |       |
|     |    | 3600 | 404/5TS | <a href="#">10036ET3G405TS-W22</a>   | \$12,002   | N1           | 1176                          | 1.25           | 110            | 94.1       | 36.732             | 460         |       |
|     |    | 3600 | 404/5TS | <a href="#">10036ET3H405TS-W22</a>   | \$12,002   | N1           | 1182                          | 1.25           | 88.0           | 94.1       | 36.732             | 575         |       |
|     |    | 1800 | 404/5TS | <a href="#">10018ET3E405TS-W22</a>   | \$11,689   | N1           | 1266                          | 1.25           | 111            | 95.4       | 36.732             | 230/460     |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3E405T-W22</a>    | \$11,689   | N1           | 1190                          | 1.25           | 111            | 95.4       | 39.730             | 230/460     |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3ERB405T-W22</a>  | \$11,689   | N1           | 1239                          | 1.25           | 111            | 95.4       | 39.730             | 230/460     | 14    |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3G405T-W22</a>    | \$11,689   | N1           | 1280                          | 1.25           | 111            | 95.4       | 39.730             | 460         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3GRB405T-W22</a>  | \$11,689   | N1           | 1199                          | 1.25           | 111            | 95.4       | 39.730             | 460         | 14    |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3H405T-W22</a>    | \$11,689   | N1           | 1283                          | 1.25           | 88.8           | 95.4       | 39.730             | 575         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ET3HRB405T-W22</a>  | \$11,689   | N1           | 1294                          | 1.25           | 88.8           | 95.4       | 39.730             | 575         | 14    |
|     |    | 1200 | 444/5T  | <a href="#">10012ET3E444T-W22</a>    | \$15,631   | N1           | 1786                          | 1.25           | 121            | 95.0       | 45.157             | 230/460     |       |
|     |    | 1200 | 444/5T  | <a href="#">10012ET3ERB444T-W22</a>  | \$15,631   | N1           | 1859                          | 1.25           | 121            | 95.0       | 45.157             | 230/460     | 14    |
|     |    | 1200 | 444/5T  | <a href="#">10012ET3G444T-W22</a>    | \$15,631   | N1           | 1840                          | 1.25           | 121            | 95.0       | 45.157             | 460         |       |
|     |    | 1200 | 444/5T  | <a href="#">10012ET3GRB444T-W22</a>  | \$15,631   | N1           | 1854                          | 1.25           | 121            | 95.0       | 45.157             | 460         | 14    |
|     |    | 1200 | 444/5T  | <a href="#">10012ET3H444T-W22</a>    | \$15,631   | N1           | 1837                          | 1.25           | 96.8           | 95.0       | 45.157             | 575         |       |
|     |    | 900  | 444/5T  | <a href="#">10009ET3E445T-W22</a>    | \$26,988   | N1           | 1900                          | 1.25           | 127            | 94.1       | 45.157             | 230/460     |       |
|     |    | 900  | 444/5T  | <a href="#">10009ET3G445T-W22</a>    | \$26,988   | N1           | 1939                          | 1.25           | 127            | 94.1       | 45.157             | 460         |       |

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### TEFC - Foot Mount - *continued*

| HP  | kW  | RPM  | Frame   | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|-----|------|---------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 125 | 90  | 3600 | 444/5TS | <a href="#">12536ET3E444TS-W22</a>  | \$15,350   | N1           | 1802                          | 1.15           | 134            | 95.0       | 41.407             | 230/460     |       |
|     |     | 3600 | 444/5TS | <a href="#">12536ET3G444TS-W22</a>  | \$15,350   | N1           | 1798                          | 1.15           | 134            | 95.0       | 41.407             | 460         |       |
|     |     | 3600 | 444/5TS | <a href="#">12536ET3H444TS-W22</a>  | \$15,350   | N1           | 1795                          | 1.15           | 107            | 95.0       | 41.407             | 575         |       |
|     |     | 1800 | 444/5TS | <a href="#">12518ET3E444TS-W22</a>  | \$14,748   | N1           | 1627                          | 1.15           | 139            | 95.4       | 41.407             | 230/460     |       |
|     |     | 1800 | 444/5T  | <a href="#">12518ET3E444T-W22</a>   | \$14,748   | N1           | 1699                          | 1.15           | 139            | 95.4       | 45.157             | 230/460     |       |
|     |     | 1800 | 444/5T  | <a href="#">12518ET3ERB444T-W22</a> | \$14,748   | N1           | 1730                          | 1.15           | 139            | 95.4       | 45.157             | 230/460     | 14    |
|     |     | 1800 | 444/5T  | <a href="#">12518ET3G444T-W22</a>   | \$14,748   | N1           | 1710                          | 1.15           | 139            | 95.4       | 45.157             | 460         |       |
|     |     | 1800 | 444/5T  | <a href="#">12518ET3GRB444T-W22</a> | \$14,748   | N1           | 1736                          | 1.15           | 139            | 95.4       | 45.157             | 460         | 14    |
|     |     | 1800 | 444/5T  | <a href="#">12518ET3H444T-W22</a>   | \$14,748   | N1           | 1815                          | 1.15           | 111            | 95.4       | 45.157             | 575         |       |
|     |     | 1200 | 444/5T  | <a href="#">12512ET3E445T-W22</a>   | \$17,947   | N1           | 1980                          | 1.15           | 143            | 95.0       | 45.157             | 230/460     |       |
|     |     | 1200 | 444/5T  | <a href="#">12512ET3ERB445T-W22</a> | \$17,947   | N1           | 1993                          | 1.15           | 143            | 95.0       | 45.157             | 230/460     | 14    |
|     |     | 1200 | 444/5T  | <a href="#">12512ET3G445T-W22</a>   | \$17,947   | N1           | 1893                          | 1.15           | 143            | 95.0       | 45.157             | 460         |       |
|     |     | 1200 | 444/5T  | <a href="#">12512ET3GRB445T-W22</a> | \$17,947   | N1           | 1996                          | 1.15           | 143            | 95.0       | 45.157             | 460         | 14    |
|     |     | 1200 | 444/5T  | <a href="#">12512ET3H445T-W22</a>   | \$17,947   | N1           | 1974                          | 1.15           | 114            | 95.0       | 45.157             | 575         |       |
|     |     | 900  | 445/7T  | <a href="#">12509ET3G447T-W22</a>   | \$28,175   | N1           | 2235                          | 1.15           | 151            | 94.5       | 48.701             | 460         |       |
| 150 | 110 | 3600 | 444/5TS | <a href="#">15036ET3E445TS-W22</a>  | \$18,882   | N1           | 1899                          | 1.15           | 161            | 95.0       | 41.407             | 230/460     |       |
|     |     | 3600 | 444/5TS | <a href="#">15036ET3G445TS-W22</a>  | \$18,882   | N1           | 1908                          | 1.15           | 161            | 95.0       | 41.407             | 460         |       |
|     |     | 1800 | 444/5TS | <a href="#">15018ET3G445TS-W22</a>  | \$17,420   | N1           | 1869                          | 1.15           | 170            | 95.8       | 41.407             | 460         |       |
|     |     | 1800 | 444/5T  | <a href="#">15018ET3E445T-W22</a>   | \$17,420   | N1           | 1918                          | 1.15           | 170            | 95.8       | 45.157             | 230/460     |       |
|     |     | 1800 | 444/5T  | <a href="#">15018ET3G445T-W22</a>   | \$17,420   | N1           | 1905                          | 1.15           | 170            | 95.8       | 45.157             | 460         |       |
|     |     | 1800 | 444/5T  | <a href="#">15018ET3GRB445T-W22</a> | \$17,420   | N1           | 1853                          | 1.15           | 170            | 95.8       | 45.157             | 460         | 14    |
|     |     | 1800 | 444/5T  | <a href="#">15018ET3H445T-W22</a>   | \$17,420   | N1           | 1958                          | 1.15           | 136            | 95.8       | 45.157             | 575         |       |
|     |     | 1800 | 444/5T  | <a href="#">15018ET3HRB445T-W22</a> | \$17,420   | N1           | 2034                          | 1.15           | 136            | 95.8       | 45.157             | 575         | 14    |
|     |     | 1200 | 445/7T  | <a href="#">15012ET3E447T-W22</a>   | \$20,639   | N1           | 2354                          | 1.15           | 176            | 95.8       | 48.701             | 230/460     |       |
|     |     | 1200 | 445/7T  | <a href="#">15012ET3G447T-W22</a>   | \$20,639   | N1           | 2472                          | 1.15           | 176            | 95.8       | 48.701             | 460         |       |
|     |     | 1200 | 445/7T  | <a href="#">15012ET3GRB447T-W22</a> | \$20,639   | N1           | 2371                          | 1.15           | 176            | 95.8       | 48.701             | 460         | 14    |
|     |     | 1200 | 445/7T  | <a href="#">15012ET3H447T-W22</a>   | \$20,639   | N1           | 2467                          | 1.15           | 141            | 95.8       | 48.701             | 575         |       |
|     |     | 900  | 447/9T  | <a href="#">15009ET3G449T-W22</a>   | \$30,677   | N1           | 3079                          | 1.15           | 185            | 94.5       | 56.338             | 460         |       |

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# Severe Duty - Three-Phase Motors



## GENERAL PURPOSE

### TEFC - Foot Mount - *continued*

| HP  | kW  | RPM  | Frame   | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|-----|------|---------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 200 | 150 | 3600 | 445/7TS | <a href="#">20036ET3E447TS-W22</a>  | \$23,562   | N1           | 2224                          | 1.15           | 219            | 95.4       | 44.951             | 230/460     |       |
|     |     | 3600 | 445/7TS | <a href="#">20036ET3G447TS-W22</a>  | \$23,562   | N1           | 2046                          | 1.15           | 219            | 95.4       | 44.951             | 460         |       |
|     |     | 3600 | 504/5S  | <a href="#">20036ET3G504S-W22</a>   | \$23,562   | N1           | 2373                          | 1.15           | 222            | 95.4       | 48.215             | 460         |       |
|     |     | 1800 | 445/7TS | <a href="#">20018ET3G447TS-W22</a>  | \$21,098   | N1           | 2138                          | 1.15           | 230            | 96.2       | 44.951             | 460         |       |
|     |     | 1800 | 445/7T  | <a href="#">20018ET3E447T-W22</a>   | \$21,098   | N1           | 2349                          | 1.15           | 230            | 96.2       | 48.701             | 230/460     |       |
|     |     | 1800 | 445/7T  | <a href="#">20018ET3G447T-W22</a>   | \$21,098   | N1           | 2224                          | 1.15           | 230            | 96.2       | 48.701             | 460         |       |
|     |     | 1800 | 445/7T  | <a href="#">20018ET3GRB447T-W22</a> | \$21,098   | N1           | 2209                          | 1.15           | 230            | 96.2       | 48.701             | 460         | 14    |
|     |     | 1800 | 445/7T  | <a href="#">20018ET3H447T-W22</a>   | \$21,098   | N1           | 2477                          | 1.15           | 184            | 96.2       | 48.701             | 575         |       |
|     |     | 1800 | 445/7T  | <a href="#">20018ET3HRB447T-W22</a> | \$21,098   | N1           | 1850                          | 1.15           | 184            | 96.2       | 48.701             | 575         | 14    |
|     |     | 1800 | 504/5   | <a href="#">20018ET3G504-W22</a>    | \$21,098   | N1           | 2621                          | 1.15           | 228            | 96.2       | 54.095             | 460         |       |
|     |     | 1200 | 445/7T  | <a href="#">20012ET3G447T-W22</a>   | \$25,133   | N1           | 2406                          | 1.15           | 237            | 95.8       | 48.701             | 460         |       |
|     |     | 1200 | 445/7T  | <a href="#">20012ET3GRB447T-W22</a> | \$25,133   | N1           | 2588                          | 1.15           | 237            | 95.8       | 48.701             | 460         | 14    |
|     |     | 1200 | 447/9T  | <a href="#">20012ET3E449T-W22</a>   | \$25,255   | N1           | 2495                          | 1.15           | 237            | 95.8       | 56.338             | 230/460     |       |
|     |     | 1200 | 447/9T  | <a href="#">20012ET3G449T-W22</a>   | \$25,255   | N1           | 3044                          | 1.15           | 237            | 95.8       | 56.338             | 460         |       |
|     |     | 1200 | 447/9T  | <a href="#">20012ET3GRB449T-W22</a> | \$25,255   | N1           | 2940                          | 1.15           | 237            | 95.8       | 56.338             | 460         | 14    |
|     |     | 1200 | 447/9T  | <a href="#">20012ET3H449T-W22</a>   | \$25,255   | N1           | 2933                          | 1.15           | 190            | 95.8       | 56.338             | 575         |       |
|     |     | 1200 | 504/5   | <a href="#">20012ET3G505-W22</a>    | \$25,133   | N1           | 2467                          | 1.15           | 237            | 95.8       | 54.095             | 460         |       |
|     |     | 900  | 447/9T  | <a href="#">20009ET3G449T-W22</a>   | \$49,899   | N1           | 3255                          | 1.15           | 254            | 95.0       | 56.338             | 460         |       |
| 250 | 185 | 3600 | 445/7TS | <a href="#">25036ET3G447TS-W22</a>  | \$29,846   | N1           | 2535                          | 1.15           | 266            | 95.8       | 44.951             | 460         |       |
|     |     | 3600 | 447/9TS | <a href="#">25036ET3G449TS-W22</a>  | \$33,173   | N1           | 2730                          | 1.15           | 266            | 95.8       | 52.588             | 460         |       |
|     |     | 1800 | 445/7TS | <a href="#">25018ET3G447TS-W22</a>  | \$27,189   | N1           | 2709                          | 1.15           | 281            | 96.2       | 44.951             | 460         |       |
|     |     | 1800 | 445/7T  | <a href="#">25018ET3H447T-W22</a>   | \$26,716   | N1           | 2710                          | 1.15           | 225            | 96.2       | 48.701             | 575         |       |
|     |     | 1800 | 445/7TS | <a href="#">25018ET3H447TS-W22</a>  | \$27,189   | N1           | 2896                          | 1.15           | 225            | 96.2       | 44.951             | 575         |       |
|     |     | 1800 | 445/7T  | <a href="#">25018ET3G447T-W22</a>   | \$26,716   | N1           | 2446                          | 1.15           | 281            | 96.2       | 48.701             | 460         |       |
|     |     | 1800 | 445/7T  | <a href="#">25018ET3GRB447T-W22</a> | \$26,716   | N1           | 2554                          | 1.15           | 281            | 96.2       | 48.701             | 460         | 14    |
|     |     | 1800 | 445/7T  | <a href="#">25018ET3HRB447T-W22</a> | \$26,716   | N1           | 2414                          | 1.15           | 225            | 96.2       | 48.701             | 575         | 14    |
|     |     | 1800 | 447/9T  | <a href="#">25018ET3G449T-W22</a>   | \$26,803   | N1           | 2879                          | 1.15           | 281            | 96.2       | 56.338             | 460         |       |
|     |     | 1800 | 447/9T  | <a href="#">25018ET3GRB449T-W22</a> | \$26,803   | N1           | 2815                          | 1.15           | 281            | 96.2       | 56.338             | 460         | 14    |
|     |     | 1200 | 447/9T  | <a href="#">25012ET3E449T-W22</a>   | \$35,555   | N1           | 3217                          | 1.15           | 292            | 95.8       | 56.338             | 230/460     |       |
|     |     | 1200 | 447/9T  | <a href="#">25012ET3G449T-W22</a>   | \$35,555   | N1           | 3090                          | 1.15           | 292            | 95.8       | 56.338             | 460         |       |
|     |     | 1200 | 447/9T  | <a href="#">25012ET3GRB449T-W22</a> | \$35,555   | N1           | 3224                          | 1.15           | 292            | 95.8       | 56.338             | 460         | 14    |
|     |     | 1200 | 447/9T  | <a href="#">25012ET3H449T-W22</a>   | \$35,555   | N1           | 3206                          | 1.15           | 234            | 95.8       | 56.338             | 575         |       |
|     |     | 1200 | 586/7   | <a href="#">25012ET3G586/7-W22</a>  | \$39,631   | N1           | 3769                          | 1.15           | 299            | 95.8       | 61.902             | 460         | 43    |
|     |     | 900  | L447/9T | <a href="#">25009ET3G449T-W22</a>   | \$56,168   | N1           | 3590                          | 1.15           | 308            | 95.4       | 57.181             | 460         | 43    |
| 300 | 220 | 3600 | 447/9TS | <a href="#">30036ET3G449TS-W22</a>  | \$38,269   | N1           | 2987                          | 1.15           | 320            | 95.8       | 52.588             | 460         |       |
|     |     | 1800 | 447/9TS | <a href="#">30018ET3G449TS-W22</a>  | \$31,384   | N1           | 2894                          | 1.15           | 330            | 96.2       | 52.588             | 460         | 44    |
|     |     | 1800 | 447/9T  | <a href="#">30018ET3G449T-W22</a>   | \$31,384   | N1           | 2888                          | 1.15           | 330            | 96.2       | 56.338             | 460         |       |
|     |     | 1800 | 447/9T  | <a href="#">30018ET3GRB449T-W22</a> | \$31,384   | N1           | 2992                          | 1.15           | 330            | 96.2       | 56.338             | 460         | 14    |
|     |     | 1200 | 447/9T  | <a href="#">30012ET3G449T-W22</a>   | \$38,437   | N1           | 3178                          | 1.00           | 356            | 95.8       | 56.338             | 460         | 37    |
|     |     | 1200 | 447/9T  | <a href="#">30012ET3GKD449T-W22</a> | \$38,437   | K1           | 3313                          | 1.00           | 356            | 95.8       | 56.338             | 460         | 14    |
|     |     | 1200 | 586/7   | <a href="#">30012ET3G586/7-W22</a>  | \$44,301   | N1           | 4061                          | 1.15           | 356            | 95.8       | 61.902             | 460         | 43    |
|     |     | 900  | L447/9T | <a href="#">30009ET3G449T-W22</a>   | \$58,655   | N1           | 3826                          | 1.15           | 371            | 95.4       | 57.181             | 460         | 19;43 |

*continued on next page*

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### TEFC - Foot Mount - continued

| HP  | kW  | RPM  | Frame    | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes       |
|-----|-----|------|----------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------------|
| 350 | 260 | 3600 | 447/9TS  | <a href="#">35036ET3G449TS-W22</a>   | \$43,805   | N1           | 3120                          | 1.15           | 377            | 96.2       | 52.588             | 460         |             |
|     |     | 1800 | 447/9TS  | <a href="#">35018ET3G449TS-W22</a>   | \$36,517   | N1           | 3123                          | 1.15           | 394            | 96.2       | 52.588             | 460         | 44          |
|     |     | 1800 | 447/9T   | <a href="#">35018ET3G449T-W22</a>    | \$36,517   | N1           | 3168                          | 1.15           | 394            | 96.2       | 56.338             | 460         |             |
|     |     | 1800 | 447/9T   | <a href="#">35018ET3GRB449T-W22</a>  | \$36,517   | N1           | 2941                          | 1.15           | 394            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1200 | L447/9T  | <a href="#">35012ET3G449T-W22</a>    | \$47,633   | N1           | 3781                          | 1.15           | 415            | 95.8       | 57.181             | 460         | 37;43       |
|     |     | 1200 | L447/9T  | <a href="#">35012ET3GRB449T-W22</a>  | \$47,633   | N1           | 3800                          | 1.15           | 415            | 95.8       | 57.181             | 460         | 14;19;37;43 |
|     |     | 900  | 586/7    | <a href="#">35009ET3G586/7-W22</a>   | \$64,873   | N1           | 5028                          | 1.00           | 426            | 95.8       | 61.902             | 460         | 1;19;43     |
| 400 | 300 | 3600 | L447/9TS | <a href="#">40036ET3G449TS-W22</a>   | \$44,605   | N1           | 3361                          | 1.15           | 432            | 95.8       | 53.431             | 460         | 43          |
|     |     | 1800 | L447/9TS | <a href="#">40018ET3G449TS-W22</a>   | \$43,805   | N1           | 3328                          | 1.15           | 445            | 96.2       | 53.431             | 460         | 43          |
|     |     | 1800 | L447/9T  | <a href="#">40018ET3G449T-W22</a>    | \$43,805   | N1           | 3416                          | 1.15           | 445            | 96.2       | 57.181             | 460         | 43          |
|     |     | 1800 | L447/9T  | <a href="#">40018ET3GRB449T-W22</a>  | \$43,805   | N1           | 3404                          | 1.15           | 445            | 96.2       | 57.181             | 460         | 14;43       |
|     |     | 1800 | L447/9T  | <a href="#">40018ET3H449T-W22</a>    | \$43,805   | N1           | 3400                          | 1.15           | 356            | 96.2       | 57.181             | 575         | 43          |
|     |     | 1200 | L447/9T  | <a href="#">40012ET3G449T-W22</a>    | \$52,307   | N1           | 3720                          | 1.00           | 477            | 95.8       | 57.181             | 460         | 19;37;43    |
|     |     | 1200 | L447/9T  | <a href="#">40012ET3GRB449T-W22</a>  | \$52,307   | N1           | 3827                          | 1.00           | 477            | 95.8       | 57.181             | 460         | 14;19;37;43 |
|     |     | 1200 | 586/7    | <a href="#">40012ET3G586/7-W22</a>   | \$56,201   | N1           | 4663                          | 1.15           | 483            | 96.2       | 61.902             | 460         | 43          |
|     |     | 900  | 588/9    | <a href="#">40009ET3G588/9-W22</a>   | \$66,123   | N1           | 3308                          | 1.00           | 498            | 95.7       | 69.381             | 460         | 1;19;43     |
|     |     | 3600 | L447/9TS | <a href="#">45036ET3G449TS-W22</a>   | \$49,610   | N1           | 3537                          | 1.00           | 475            | 95.8       | 53.431             | 460         | 1;19;43     |
| 450 | 330 | 1800 | L447/9T  | <a href="#">45018ET3G449T-W22</a>    | \$48,010   | N1           | 3681                          | 1.15           | 501            | 96.2       | 57.181             | 460         | 43          |
|     |     | 1800 | L447/9T  | <a href="#">45018ET3GRB449T-W22</a>  | \$48,010   | N1           | 3657                          | 1.15           | 501            | 96.2       | 57.181             | 460         | 14;43       |
|     |     | 1200 | 586/7    | <a href="#">45012ET3G586/7-W22</a>   | \$62,251   | N1           | 4957                          | 1.00           | 532            | 96.2       | 61.902             | 460         | 1;19;43     |
|     |     | 1200 | 586/7    | <a href="#">45012ET3GRB586/7-W22</a> | \$62,251   | N1           | 5248                          | 1.00           | 532            | 96.2       | 61.902             | 460         | 1;19;14;43  |
|     |     | 900  | 588/9    | <a href="#">45009ET3G588/9-W22</a>   | \$68,715   | N1           | 5915                          | 1.00           | 534            | 95.8       | 69.381             | 460         | 1;19;43;44  |
|     |     | 3600 | 586/7S   | <a href="#">50036ET3G586/7S-W22</a>  | \$56,305   | N1           | 4649                          | 1.15           | 530            | 96.2       | 55.027             | 460         | 43;44       |
| 500 | 370 | 1800 | L447/9T  | <a href="#">50018ET3G449T-W22</a>    | \$50,594   | N1           | 3889                          | 1.00           | 561            | 96.2       | 57.181             | 460         | 1;19;43     |
|     |     | 1800 | L447/9T  | <a href="#">50018ET3GRB449T-W22</a>  | \$50,594   | N1           | 5424                          | 1.00           | 561            | 96.2       | 57.181             | 460         | 1;14;19;43  |
|     |     | 1200 | 586/7    | <a href="#">50012ET3G586/7-W22</a>   | \$62,962   | N1           | 4916                          | 1.00           | 603            | 96.2       | 61.902             | 460         | 1;19;43;44  |
|     |     | 3600 | 588/9S   | <a href="#">60036ET3G588/9S-W22</a>  | \$64,635   | N1           | 5142                          | 1.00           | 650            | 96.5       | 62.506             | 460         | 1;19;43;44  |
| 600 | 450 | 1800 | 586/7    | <a href="#">60018ET3G586/7-W22</a>   | \$60,316   | N1           | 4963                          | 1.00           | 665            | 96.5       | 61.902             | 460         | 1;19;43;44  |
|     |     | 1200 | 588/9    | <a href="#">60012ET3G588/9-W22</a>   | \$71,374   | N1           | 6168                          | 1.00           | 743            | 96.2       | 69.381             | 460         | 1;19;43;44  |
|     |     | 3600 | 588/9S   | <a href="#">65036ET3G588/9S-W22</a>  | \$66,835   | N1           | 4805                          | 1.00           | 685            | 96.6       | 62.506             | 460         | 1;19;43;44  |
| 650 | 480 | 1800 | 588/9    | <a href="#">65018ET3G588/9-W22</a>   | \$66,701   | N1           | 5597                          | 1.00           | 734            | 96.6       | 69.381             | 460         | 1;19;43;44  |
|     |     | 3600 | 588/9S   | <a href="#">70036ET3G588/9S-W22</a>  | \$71,254   | N1           | 5680                          | 1.00           | 736            | 96.6       | 62.506             | 460         | 1;19;43;44  |
| 700 | 515 | 1800 | 588/9    | <a href="#">70018ET3G588/9-W22</a>   | \$71,185   | N1           | 5940                          | 1.00           | 788            | 96.6       | 69.381             | 460         | 1;19;43;44  |
|     |     | 750  | 550      | <a href="#">75018ET3G588/9-W22</a>   | \$74,025   | N1           | 6154                          | 1.00           | 840            | 96.7       | 69.381             | 460         | 1;19;43;44  |

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# Severe Duty - Three-Phase Motors



GENERAL PURPOSE

TEFC - C-Face - Foot Mount

Severe Duty -  
Three-Phase  
Motors

| HP  | kW   | RPM  | Frame   | Catalog Number                     | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|---------|------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 1   | 0.75 | 3600 | 143/5TC | <a href="#">00136ET3E143TC-W22</a> | \$566      | N1           | 47                            | 1.25           | 1.44           | 81.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5TC | <a href="#">00118ET3E143TC-W22</a> | \$555      | N1           | 50                            | 1.25           | 1.47           | 85.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5TC | <a href="#">00118ET3H143TC-W22</a> | \$555      | N1           | 50                            | 1.25           | 1.18           | 85.5       | 13.358             | 575         |       |
|     |      | 1200 | 143/5TC | <a href="#">00112ET3E145TC-W22</a> | \$636      | N1           | 57                            | 1.25           | 1.73           | 82.5       | 13.358             | 230/460     |       |
| 1.5 | 1.1  | 3600 | 143/5TC | <a href="#">00156ET3E143TC-W22</a> | \$571      | N1           | 52                            | 1.25           | 1.96           | 84.0       | 13.358             | 230/460     |       |
|     |      | 3600 | 143/5TC | <a href="#">00156ET3H143TC-W22</a> | \$571      | N1           | 51                            | 1.25           | 1.57           | 84.0       | 13.358             | 575         |       |
|     |      | 1800 | 143/5TC | <a href="#">00158ET3E145TC-W22</a> | \$579      | N1           | 56                            | 1.25           | 2.02           | 86.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5TC | <a href="#">00158ET3H145TC-W22</a> | \$579      | N1           | 56                            | 1.25           | 1.62           | 86.5       | 13.358             | 575         |       |
|     |      | 1200 | 182/4TC | <a href="#">00152ET3E182TC-W22</a> | \$792      | N1           | 101                           | 1.25           | 2.54           | 87.5       | 15.860             | 230/460     |       |
| 2   | 1.5  | 3600 | 143/5TC | <a href="#">00236ET3E145TC-W22</a> | \$619      | N1           | 56                            | 1.25           | 2.56           | 85.5       | 13.358             | 230/460     |       |
|     |      | 3600 | 143/5TC | <a href="#">00236ET3H145TC-W22</a> | \$619      | N1           | 56                            | 1.25           | 2.05           | 85.5       | 13.358             | 575         |       |
|     |      | 1800 | 143/5TC | <a href="#">00218ET3E145TC-W22</a> | \$640      | N1           | 53                            | 1.25           | 2.76           | 86.5       | 13.358             | 230/460     |       |
|     |      | 1800 | 143/5TC | <a href="#">00218ET3H145TC-W22</a> | \$640      | N1           | 57                            | 1.25           | 2.21           | 86.5       | 13.358             | 575         |       |
|     |      | 1200 | 182/4TC | <a href="#">00212ET3E184TC-W22</a> | \$857      | N1           | 112                           | 1.25           | 3.22           | 88.5       | 15.860             | 230/460     | 39    |
| 3   | 2.2  | 3600 | 182/4TC | <a href="#">00336ET3E182TC-W22</a> | \$802      | N1           | 103                           | 1.25           | 3.63           | 86.5       | 15.860             | 230/460     |       |
|     |      | 3600 | 182/4TC | <a href="#">00336ET3H182TC-W22</a> | \$802      | N1           | 103                           | 1.25           | 2.90           | 86.5       | 15.860             | 575         |       |
|     |      | 1800 | 182/4TC | <a href="#">00318ET3E182TC-W22</a> | \$700      | N1           | 96                            | 1.25           | 3.91           | 89.5       | 15.860             | 230/460     |       |
|     |      | 1800 | 182/4TC | <a href="#">00318ET3H182TC-W22</a> | \$700      | N1           | 98                            | 1.25           | 3.13           | 89.5       | 15.860             | 575         |       |
|     |      | 1200 | 213/5TC | <a href="#">00312ET3E213TC-W22</a> | \$1,180    | N1           | 166                           | 1.25           | 4.41           | 89.5       | 19.517             | 230/460     |       |
|     |      | 900  | 213/5TC | <a href="#">00309ET3E215TC-W22</a> | \$2,166    | N1           | 192                           | 1.25           | 4.55           | 85.5       | 19.517             | 230/460     |       |
| 5   | 3.7  | 3600 | 182/4TC | <a href="#">00536ET3E184TC-W22</a> | \$911      | N1           | 110                           | 1.25           | 5.90           | 88.5       | 15.860             | 230/460     |       |
|     |      | 3600 | 182/4TC | <a href="#">00536ET3H184TC-W22</a> | \$911      | N1           | 109                           | 1.25           | 4.72           | 88.5       | 15.860             | 575         |       |
|     |      | 1800 | 182/4TC | <a href="#">00518ET3E184TC-W22</a> | \$810      | N1           | 107                           | 1.25           | 6.45           | 89.5       | 15.860             | 230/460     |       |
|     |      | 1800 | 182/4TC | <a href="#">00518ET3H184TC-W22</a> | \$810      | N1           | 108                           | 1.25           | 5.16           | 89.5       | 15.860             | 575         |       |
|     |      | 1200 | 213/5TC | <a href="#">00512ET3E215TC-W22</a> | \$1,384    | N1           | 183                           | 1.25           | 6.83           | 89.5       | 19.517             | 230/460     |       |
| 7.5 | 5.5  | 3600 | 182/4TC | <a href="#">00736ET3E184TC-W22</a> | \$1,112    | N1           | 110                           | 1.25           | 8.76           | 89.5       | 15.860             | 230/460     |       |
|     |      | 3600 | 182/4TC | <a href="#">00736ET3H184TC-W22</a> | \$1,112    | N1           | 109                           | 1.25           | 7.01           | 89.5       | 15.860             | 575         |       |
|     |      | 3600 | 213/5TC | <a href="#">00736ET3E213TC-W22</a> | \$1,177    | N1           | 166                           | 1.25           | 8.76           | 89.5       | 19.517             | 230/460     |       |
|     |      | 3600 | 213/5TC | <a href="#">00736ET3H213TC-W22</a> | \$1,177    | N1           | 166                           | 1.25           | 7.01           | 89.5       | 19.517             | 575         |       |
|     |      | 1800 | 213/5TC | <a href="#">00718ET3E213TC-W22</a> | \$1,141    | N1           | 174                           | 1.25           | 9.18           | 91.7       | 19.517             | 230/460     |       |
|     |      | 1800 | 213/5TC | <a href="#">00718ET3H213TC-W22</a> | \$1,141    | N1           | 178                           | 1.25           | 7.34           | 91.7       | 19.517             | 575         |       |
|     |      | 1200 | 254/6TC | <a href="#">00712ET3E254TC-W22</a> | \$2,134    | N1           | 321                           | 1.25           | 9.48           | 91.0       | 24.945             | 230/460     |       |
|     |      | 900  | 254/6TC | <a href="#">00709ET3E256TC-W22</a> | \$3,726    | N1           | 341                           | 1.25           | 11.1           | 87.5       | 24.945             | 230/460     |       |
| 10  | 7.5  | 3600 | 213/5TC | <a href="#">01036ET3E215TC-W22</a> | \$1,383    | N1           | 178                           | 1.25           | 11.6           | 90.2       | 19.517             | 230/460     |       |
|     |      | 3600 | 213/5TC | <a href="#">01036ET3H215TC-W22</a> | \$1,383    | N1           | 183                           | 1.25           | 9.28           | 90.2       | 19.517             | 575         |       |
|     |      | 1800 | 213/5TC | <a href="#">01018ET3E215TC-W22</a> | \$1,325    | N1           | 183                           | 1.25           | 12.4           | 91.7       | 19.517             | 230/460     |       |
|     |      | 1800 | 213/5TC | <a href="#">01018ET3H215TC-W22</a> | \$1,325    | N1           | 191                           | 1.25           | 9.92           | 91.7       | 19.517             | 575         |       |
|     |      | 1200 | 254/6TC | <a href="#">01012ET3E256TC-W22</a> | \$2,465    | N1           | 329                           | 1.25           | 12.9           | 91.0       | 24.945             | 230/460     |       |
|     |      | 900  | 254/6TC | <a href="#">01009ET3E258TC-W22</a> | \$4,288    | N1           | 351                           | 1.25           | 14.4           | 87.5       | 24.945             | 230/460     |       |
| 15  | 11   | 3600 | 213/5TC | <a href="#">01536ET3E215TC-W22</a> | \$1,748    | N1           | 187                           | 1.25           | 17.0           | 91.0       | 19.517             | 230/460     |       |
|     |      | 3600 | 254/6TC | <a href="#">01536ET3E254TC-W22</a> | \$1,893    | N1           | 295                           | 1.25           | 17.2           | 91.0       | 24.945             | 230/460     |       |
|     |      | 3600 | 254/6TC | <a href="#">01536ET3H254TC-W22</a> | \$1,893    | N1           | 302                           | 1.25           | 13.8           | 91.0       | 24.945             | 575         |       |
|     |      | 1800 | 254/6TC | <a href="#">01518ET3E254TC-W22</a> | \$1,917    | N1           | 340                           | 1.25           | 18.0           | 92.4       | 24.945             | 230/460     |       |
|     |      | 1800 | 254/6TC | <a href="#">01518ET3H254TC-W22</a> | \$1,917    | N1           | 351                           | 1.25           | 14.4           | 92.4       | 24.945             | 575         |       |
|     |      | 1200 | 284/6TC | <a href="#">01512ET3E284TC-W22</a> | \$3,388    | N1           | 430                           | 1.25           | 17.9           | 91.7       | 27.929             | 230/460     |       |
|     |      | 1200 | 284/6TC | <a href="#">01512ET3H284TC-W22</a> | \$3,388    | N1           | 428                           | 1.25           | 14.3           | 91.7       | 27.929             | 575         |       |

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TEFC - C-Face - Foot Mount - *continued*

| HP  | kW   | RPM  | Frame    | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|----------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 20  | 15   | 3600 | 254/6TC  | <a href="#">02036ET3E256TC-W22</a>  | \$2,451    | N1           | 318                           | 1.25           | 23.2           | 91.0        | 24.945             | 230/460     |       |
|     |      | 3600 | 254/6TC  | <a href="#">02036ET3H256TC-W22</a>  | \$2,451    | N1           | 327                           | 1.25           | 18.6           | 91.0        | 24.945             | 575         |       |
|     |      | 1800 | 254/6TC  | <a href="#">02018ET3E256TC-W22</a>  | \$2,270    | N1           | 389                           | 1.25           | 24.1           | 93.0        | 24.945             | 230/460     |       |
|     |      | 1800 | 254/6TC  | <a href="#">02018ET3H256TC-W22</a>  | \$2,270    | N1           | 401                           | 1.25           | 19.3           | 93.0        | 24.945             | 575         |       |
|     |      | 1200 | 284/6TC  | <a href="#">02012ET3E286TC-W22</a>  | \$4,060    | N1           | 457                           | 1.25           | 24.2           | 91.7        | 27.929             | 230/460     |       |
| 25  | 18.5 | 3600 | 284/6TSC | <a href="#">02536ET3E284TSC-W22</a> | \$3,096    | N1           | 416                           | 1.25           | 28.5           | 91.7        | 26.557             | 230/460     |       |
|     |      | 3600 | 284/6TSC | <a href="#">02536ET3H284TSC-W22</a> | \$3,096    | N1           | 413                           | 1.25           | 22.8           | 91.7        | 26.557             | 575         |       |
|     |      | 1800 | 284/6TC  | <a href="#">02518ET3E284TC-W22</a>  | \$2,840    | N1           | 418                           | 1.25           | 29.5           | 93.6        | 27.929             | 230/460     |       |
|     |      | 1800 | 284/6TC  | <a href="#">02518ET3H284TC-W22</a>  | \$2,840    | N1           | 447                           | 1.25           | 23.6           | 93.6        | 27.929             | 575         |       |
|     |      | 1200 | 324/6TC  | <a href="#">02512ET3E324TC-W22</a>  | \$4,858    | N1           | 601                           | 1.25           | 30.4           | 93.0        | 31.116             | 230/460     |       |
| 30  | 22   | 3600 | 284/6TSC | <a href="#">03036ET3E286TSC-W22</a> | \$3,659    | N1           | 433                           | 1.25           | 33.8           | 91.7        | 26.557             | 230/460     |       |
|     |      | 3600 | 284/6TSC | <a href="#">03036ET3H286TSC-W22</a> | \$3,659    | N1           | 433                           | 1.25           | 27.0           | 91.7        | 26.557             | 575         |       |
|     |      | 1800 | 284/6TC  | <a href="#">03018ET3E286TC-W22</a>  | \$3,321    | N1           | 466                           | 1.25           | 35.1           | 93.6        | 27.929             | 230/460     |       |
|     |      | 1800 | 284/6TC  | <a href="#">03018ET3H286TC-W22</a>  | \$3,321    | N1           | 484                           | 1.25           | 28.1           | 93.6        | 27.929             | 575         |       |
|     |      | 1200 | 324/6TC  | <a href="#">03012ET3E326TC-W22</a>  | \$5,394    | N1           | 645                           | 1.25           | 36.2           | 93.0        | 31.116             | 230/460     |       |
| 40  | 30   | 3600 | 324/6TSC | <a href="#">04036ET3E324TSC-W22</a> | \$4,845    | N1           | 606                           | 1.25           | 45.8           | 92.4        | 29.616             | 230/460     |       |
|     |      | 3600 | 324/6TSC | <a href="#">04036ET3H324TSC-W22</a> | \$4,845    | N1           | 605                           | 1.25           | 36.6           | 92.4        | 29.616             | 575         |       |
|     |      | 1800 | 324/6TSC | <a href="#">04018ET3E324TSC-W22</a> | \$4,300    | N1           | 629                           | 1.25           | 47.1           | 94.1        | 29.616             | 230/460     |       |
|     |      | 1800 | 324/6TC  | <a href="#">04018ET3E324TC-W22</a>  | \$4,300    | N1           | 606                           | 1.25           | 47.1           | 94.1        | 31.116             | 230/460     |       |
|     |      | 1800 | 324/6TC  | <a href="#">04018ET3H324TC-W22</a>  | \$4,300    | N1           | 630                           | 1.25           | 37.7           | 94.1        | 31.116             | 575         |       |
|     |      | 1200 | 364/5TC  | <a href="#">04012ET3E364TC-W22</a>  | \$7,576    | N1           | 1032                          | 1.25           | 46.5           | 94.1        | 34.251             | 230/460     |       |
| 50  | 37   | 3600 | 324/6TSC | <a href="#">05036ET3E326TSC-W22</a> | \$5,437    | N1           | 628                           | 1.25           | 56.1           | 93.0        | 29.616             | 230/460     |       |
|     |      | 1800 | 324/6TSC | <a href="#">05018ET3E326TSC-W22</a> | \$5,221    | N1           | 614                           | 1.25           | 59.2           | 94.5        | 29.616             | 230/460     |       |
|     |      | 1800 | 324/6TC  | <a href="#">05018ET3E326TC-W22</a>  | \$5,221    | N1           | 625                           | 1.25           | 59.2           | 94.5        | 31.116             | 230/460     |       |
|     |      | 1800 | 324/6TC  | <a href="#">05018ET3H326TC-W22</a>  | \$5,221    | N1           | 651                           | 1.25           | 47.4           | 94.5        | 31.116             | 575         |       |
|     |      | 1200 | 364/5TC  | <a href="#">05012ET3E365TC-W22</a>  | \$8,960    | N1           | 1048                          | 1.25           | 57.4           | 94.1        | 34.251             | 230/460     |       |
| 60  | 45   | 3600 | 364/5TSC | <a href="#">06036ET3E364TSC-W22</a> | \$7,994    | N1           | 990                           | 1.25           | 67.0           | 93.6        | 32.338             | 230/460     |       |
|     |      | 3600 | 364/5TSC | <a href="#">06036ET3H364TSC-W22</a> | \$7,994    | N1           | 992                           | 1.25           | 53.6           | 93.6        | 32.338             | 575         |       |
|     |      | 1800 | 364/5TC  | <a href="#">06018ET3E364TC-W22</a>  | \$7,831    | N1           | 961                           | 1.25           | 68.3           | 95.0        | 34.251             | 230/460     |       |
|     |      | 1800 | 364/5TC  | <a href="#">06018ET3H364TC-W22</a>  | \$7,831    | N1           | 1060                          | 1.25           | 54.6           | 95.0        | 34.251             | 575         |       |
| 75  | 55   | 3600 | 364/5TSC | <a href="#">07536ET3E365TSC-W22</a> | \$9,533    | N1           | 993                           | 1.25           | 81.9           | 93.6        | 32.338             | 230/460     |       |
|     |      | 1800 | 364/5TC  | <a href="#">07518ET3E365TC-W22</a>  | \$9,148    | N1           | 1024                          | 1.25           | 84.1           | 95.4        | 34.251             | 230/460     |       |
|     |      | 1800 | 364/5TC  | <a href="#">07518ET3H365TC-W22</a>  | \$9,148    | N1           | 1075                          | 1.25           | 67.3           | 95.4        | 34.251             | 575         |       |
|     |      | 1200 | 404/5TC  | <a href="#">07512ET3H405TC-W22</a>  | \$12,549   | N1           | 1337                          | 1.25           | 67.9           | 94.5        | 39.730             | 575         |       |
| 100 | 75   | 1800 | 404/5TSC | <a href="#">10018ET3E405TSC-W22</a> | \$12,179   | N1           | 1256                          | 1.25           | 111            | 95.4        | 36.732             | 230/460     |       |
|     |      | 1800 | 404/5TC  | <a href="#">10018ET3E405TC-W22</a>  | \$12,179   | N1           | 1256                          | 1.25           | 111            | 95.4        | 39.730             | 230/460     |       |
|     |      | 1800 | 404/5TC  | <a href="#">10018ET3H405TC-W22</a>  | \$12,179   | N1           | 1318                          | 1.25           | 88.8           | 95.4        | 39.730             | 575         |       |
| 125 | 90   | 1800 | 444/5TSC | <a href="#">12518ET3G444TSC-W22</a> | \$16,218   | N1           | 1759                          | 1.15           | 139            | 95.4        | 41.407             | 460         |       |
|     |      | 1800 | 444/5TC  | <a href="#">12518ET3E444TC-W22</a>  | \$16,218   | N1           | 1887                          | 1.15           | 139            | 95.4        | 45.157             | 230/460     |       |
|     |      | 1800 | 444/5TC  | <a href="#">12518ET3G444TC-W22</a>  | \$16,218   | N1           | 1851                          | 1.15           | 139            | 95.4        | 45.157             | 460         |       |
|     |      | 1800 | 444/5TC  | <a href="#">12518ET3H444TC-W22</a>  | \$16,218   | N1           | 1851                          | 1.15           | 111            | 95.4        | 45.157             | 575         |       |
| 150 | 110  | 1800 | 444/5TC  | <a href="#">15018ET3E445TC-W22</a>  | \$18,025   | N1           | 1919                          | 1.15           | 170            | 95.8        | 45.157             | 230/460     |       |
|     |      | 1800 | 444/5TC  | <a href="#">15018ET3G445TC-W22</a>  | \$18,025   | N1           | 1997                          | 1.15           | 170            | 95.8        | 45.157             | 460         |       |

*continued on next page*

Please refer to back cover for description of "NOTES"

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# Severe Duty - Three-Phase Motors



## GENERAL PURPOSE

### TEFC - C-Face - Foot Mount - *continued*

| HP  | kW  | RPM  | Frame    | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|-----|------|----------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 200 | 150 | 1800 | 445/7TC  | <a href="#">20018ET3G447TC-W22</a>  | \$21,704   | N1           | 2523                          | 1.15           | 230            | 96.2        | 48.701             | 460         |       |
| 250 | 185 | 1800 | 445/7TSC | <a href="#">25018ET3G447TSC-W22</a> | \$34,280   | N1           | 2361                          | 1.15           | 281            | 96.2        | 44.951             | 460         |       |
|     |     | 1800 | 445/7TSC | <a href="#">25018ET3Q447TSC-W22</a> | \$27,322   | N1           | 2836                          | 1.15           | 281            | 96.2        | 44.951             | 460         |       |
| 300 | 220 | 1800 | 447/9TC  | <a href="#">30018ET3G449TC-W22</a>  | \$31,990   | N1           | 3069                          | 1.15           | 330            | 96.2        | 56.338             | 460         |       |



### TEFC - C-Face - Footless

| HP  | kW   | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1   | 0.75 | 3600 | 143TC   | <a href="#">00136ET3ER143TC-W22</a>  | \$577      | N1           | 44                            | 1.25           | 1.44           | 81.5        | 13.065             | 230/460     | 15    |
|     |      | 1800 | 143TC   | <a href="#">00118ET3ER143TC-W22</a>  | \$572      | N1           | 47                            | 1.25           | 1.47           | 85.5        | 13.065             | 230/460     | 15    |
|     |      | 1200 | 145TC   | <a href="#">00112ET3ER145TC-W22</a>  | \$655      | N1           | 56                            | 1.25           | 1.73           | 82.5        | 16.197             | 230/460     | 15    |
| 1.5 | 1.1  | 3600 | 143TC   | <a href="#">00156ET3ER143TC-W22</a>  | \$588      | N1           | 48                            | 1.25           | 1.96           | 84.0        | 13.065             | 230/460     | 15    |
|     |      | 1800 | 145TC   | <a href="#">00158ET3ER145TC-W22</a>  | \$596      | N1           | 55                            | 1.25           | 2.02           | 86.5        | 14.077             | 230/460     | 15    |
|     |      | 1200 | 182TC   | <a href="#">00152ET3ER182TC-W22</a>  | \$816      | N1           | 100                           | 1.25           | 2.54           | 87.5        | 16.197             | 230/460     | 15;39 |
| 2   | 1.5  | 3600 | 145TC   | <a href="#">00236ET3ER145TC-W22</a>  | \$638      | N1           | 55                            | 1.25           | 2.56           | 85.5        | 14.077             | 230/460     | 15    |
|     |      | 1800 | 145TC   | <a href="#">00218ET3ER145TC-W22</a>  | \$659      | N1           | 56                            | 1.25           | 2.76           | 86.5        | 14.077             | 230/460     | 15    |
|     |      | 1200 | 184TC   | <a href="#">00212ET3ER184TC-W22</a>  | \$883      | N1           | 110                           | 1.25           | 3.22           | 88.5        | 17.197             | 230/460     | 15;39 |
| 3   | 2.2  | 3600 | 145TC   | <a href="#">00336ET3ER145TC-W22</a>  | \$677      | N1           | 58                            | 1.25           | 3.71           | 86.5        | 14.077             | 230/460     | 15    |
|     |      | 1800 | 182TC   | <a href="#">00336ET3ER182TC-W22</a>  | \$826      | N1           | 108                           | 1.25           | 3.63           | 86.5        | 16.197             | 230/460     | 15;39 |
|     |      | 1800 | 182TC   | <a href="#">00318ET3ER182TC-W22</a>  | \$721      | N1           | 104                           | 1.25           | 3.91           | 89.5        | 16.197             | 230/460     | 15;39 |
|     |      | 1200 | 213TC   | <a href="#">00312ET3ER213TC-W22</a>  | \$1,203    | N1           | 154                           | 1.25           | 4.41           | 89.5        | 19.399             | 230/460     | 15    |
| 5   | 3.7  | 3600 | 184TC   | <a href="#">00536ET3ER184TC-W22</a>  | \$938      | N1           | 115                           | 1.25           | 5.90           | 88.5        | 17.197             | 230/460     | 15    |
|     |      | 1800 | 184TC   | <a href="#">00518ET3ER184TC-W22</a>  | \$834      | N1           | 113                           | 1.25           | 6.45           | 89.5        | 17.197             | 230/460     | 15    |
|     |      | 1200 | 215TC   | <a href="#">00512ET3ER215TC-W22</a>  | \$1,426    | N1           | 178                           | 1.25           | 6.83           | 89.5        | 20.895             | 230/460     | 15    |
| 7.5 | 5.5  | 3600 | 213TC   | <a href="#">00736ET3ER213TC-W22</a>  | \$1,212    | N1           | 155                           | 1.25           | 8.76           | 89.5        | 19.399             | 230/460     | 15    |
|     |      | 1800 | 213TC   | <a href="#">00718ET3ER213TC-W22</a>  | \$1,175    | N1           | 167                           | 1.25           | 9.18           | 91.7        | 19.399             | 230/460     | 15    |
| 10  | 7.5  | 3600 | 215TC   | <a href="#">01036ET3ER215TC-W22</a>  | \$1,424    | N1           | 179                           | 1.25           | 11.6           | 90.2        | 20.895             | 230/460     | 15    |
|     |      | 1800 | 215TC   | <a href="#">01018ET3ER215TC-W22</a>  | \$1,366    | N1           | 187                           | 1.25           | 12.4           | 91.7        | 20.895             | 230/460     | 15    |
| 15  | 11   | 3600 | 254TC   | <a href="#">01536ET3ER254TC-W22</a>  | \$1,950    | N1           | 300                           | 1.25           | 17.2           | 91.0        | 25.063             | 230/460     | 15    |
|     |      | 1800 | 254TC   | <a href="#">01518ET3ER254TC-W22</a>  | \$1,975    | N1           | 348                           | 1.25           | 18.0           | 92.4        | 25.063             | 230/460     | 15    |
| 20  | 15   | 3600 | 256TC   | <a href="#">02036ET3ER256TC-W22</a>  | \$2,525    | N1           | 335                           | 1.25           | 23.2           | 91.0        | 26.795             | 230/460     | 15    |
|     |      | 1800 | 256TC   | <a href="#">02018ET3ER256TC-W22</a>  | \$2,338    | N1           | 407                           | 1.25           | 24.1           | 93.0        | 26.795             | 230/460     | 15    |
| 25  | 18.5 | 3600 | 284TSC  | <a href="#">02536ET3ER284TSC-W22</a> | \$3,187    | N1           | 406                           | 1.25           | 28.5           | 91.7        | 27.305             | 230/460     | 15    |
|     |      | 1800 | 284TC   | <a href="#">02518ET3ER284TC-W22</a>  | \$2,925    | N1           | 441                           | 1.25           | 29.5           | 93.6        | 28.677             | 230/460     | 15    |
| 30  | 22   | 3600 | 286TSC  | <a href="#">03036ET3ER286TSC-W22</a> | \$3,767    | N1           | 436                           | 1.25           | 33.8           | 91.7        | 28.801             | 230/460     | 15    |
|     |      | 1800 | 286TC   | <a href="#">03018ET3ER286TC-W22</a>  | \$3,421    | N1           | 489                           | 1.25           | 35.1           | 93.6        | 30.173             | 230/460     | 15    |
|     |      | 1200 | 326TSC  | <a href="#">03012ET3ER326TSC-W22</a> | \$5,768    | N1           | 732                           | 1.25           | 36.2           | 93.0        | 32.254             | 230/460     | 15    |
| 40  | 30   | 3600 | 324TSC  | <a href="#">04036ET3ER324TSC-W22</a> | \$4,988    | N1           | 684                           | 1.25           | 45.8           | 92.4        | 30.758             | 230/460     | 15    |
|     |      | 1800 | 324TC   | <a href="#">04018ET3ER324TC-W22</a>  | \$4,429    | N1           | 613                           | 1.25           | 47.1           | 94.1        | 32.258             | 230/460     | 15    |
| 50  | 37   | 1800 | 326TC   | <a href="#">05018ET3ER326TC-W22</a>  | \$5,378    | N1           | 648                           | 1.25           | 59.2           | 94.5        | 33.754             | 230/460     | 15    |
| 60  | 45   | 1800 | 364/5TC | <a href="#">06018ET3ER364TC-W22</a>  | \$8,053    | N1           | 869                           | 1.25           | 68.3           | 95.0        | 37.440             | 230/460     | 15    |
| 75  | 55   | 1800 | 364/5TC | <a href="#">07518ET3ER365TC-W22</a>  | \$9,408    | N1           | 1256                          | 1.25           | 84.1           | 95.4        | 37.440             | 230/460     | 15    |

Please refer to back cover for description of "NOTES"

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# Severe Duty Three-Phase Motors

IEEE 841 - THREE PHASE

## TEFC - NEMA Premium®

WEG's IEEE 841 motors are specially suited for Pulp & Paper mills, Steel mills, Petrochemical Plants and diverse demanding applications requiring severe duty long life motors.

WEG's W22 cast iron platform has a superior cooling system and solid feet for cool operation and lower vibration and noise extending the life of the motor.

### Standard Features:

- Class F insulation (Impregnation Resin and magnet wire are class H)
- F1 Mounted (F2 convertible). Frames 447T and up can easily be F2 converted by simply rotating the terminal box adapter
- Stainless Steel Nameplate - Laser etched with high contrast background
- All frames with regreasable ball bearings
- Class I, Div. 2, Groups A, B, C & D – T3,

**\*Inverter Rated: Exceeds NEMA MG 1 Part 31 insulation requirements**

**1000:1 for variable torque**

**20:1 for constant torque**

*\* Frame 586/7 250HP and up 6:1 CT and 1000:1 VT*

*\* Insulated housing standard on L447/9T and above*



Severe Duty -  
Three-Phase  
Motors

### Features that make a difference:

- 1.25 Service Factor up to 100 HP
- InproSeal Bearing Isolators both ends
- Bearing protection meets IP56
- Rubber lead separator between terminal box and frame
- Vibration: 0.04 inches per second or less
- Guaranteed foot flatness to within 0.005"
- Bearing life 50,000 hours (L-10)
- Epoxy Paint system exceeds 250hrs Salt Fog test
- Interior surfaces are epoxy coated
- Non-sparking fan
- NPT Threaded terminal box
- Seamless copper lead lugs
- Seamless Stainless Steel grease extension tubes
- Automatic grease relief fittings
- IEEE 841 Link to Test Report in conduit box
- Suitable for IEEE45 USCG 259 – Marine Duty



# Severe Duty - Three-Phase Motors



IEEE 841

## TEFC - Foot Mount

| HP  | kW   | RPM  | Frame  | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|--------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1   | 0.75 | 1800 | 143/5T | <a href="#">00118ST3QIE143T-W22</a> | \$922      | I1           | 58                            | 1.25           | 1.47           | 85.5        | 13.358             | 460         |       |
|     |      | 1800 | 143/5T | <a href="#">00118ST3HIE143T-W22</a> | \$922      | I1           | 58                            | 1.25           | 1.18           | 85.5        | 13.358             | 575         |       |
|     |      | 1200 | 143/5T | <a href="#">00112ST3QIE145T-W22</a> | \$1,062    | I1           | 66                            | 1.25           | 1.73           | 82.5        | 13.358             | 460         |       |
|     |      | 1200 | 143/5T | <a href="#">00112ST3HIE145T-W22</a> | \$1,062    | I1           | 66                            | 1.25           | 1.38           | 82.5        | 13.358             | 575         |       |
|     |      | 900  | 182/4T | <a href="#">00109ST3QIE182T-W22</a> | \$2,006    | I1           | 97                            | 1.25           | 2.30           | 78.5        | 15.860             | 460         |       |
| 1.5 | 1.1  | 3600 | 143/5T | <a href="#">00156ST3QIE143T-W22</a> | \$981      | I1           | 59                            | 1.25           | 1.96           | 84.0        | 13.358             | 460         |       |
|     |      | 3600 | 143/5T | <a href="#">00156ST3HIE143T-W22</a> | \$981      | I1           | 43                            | 1.25           | 1.57           | 84.0        | 13.358             | 575         |       |
|     |      | 1800 | 143/5T | <a href="#">00158ST3QIE145T-W22</a> | \$981      | I1           | 63                            | 1.25           | 2.02           | 86.5        | 13.358             | 460         |       |
|     |      | 1800 | 143/5T | <a href="#">00158ST3HIE145T-W22</a> | \$981      | I1           | 63                            | 1.25           | 1.62           | 86.5        | 13.358             | 575         |       |
|     |      | 1200 | 182/4T | <a href="#">00152ST3QIE182T-W22</a> | \$1,286    | I1           | 108                           | 1.25           | 2.54           | 87.5        | 15.860             | 460         |       |
|     |      | 1200 | 182/4T | <a href="#">00152ST3HIE182T-W22</a> | \$1,286    | I1           | 74                            | 1.25           | 2.03           | 87.5        | 15.860             | 575         |       |
|     |      | 900  | 182/4T | <a href="#">00159ST3QIE184T-W22</a> | \$2,016    | I1           | 112                           | 1.25           | 2.70           | 82.5        | 15.860             | 460         |       |
| 2   | 1.5  | 3600 | 143/5T | <a href="#">00236ST3QIE145T-W22</a> | \$1,023    | I1           | 64                            | 1.25           | 2.56           | 85.5        | 13.358             | 460         |       |
|     |      | 3600 | 143/5T | <a href="#">00236ST3HIE145T-W22</a> | \$1,023    | I1           | 64                            | 1.25           | 2.05           | 85.5        | 13.358             | 575         |       |
|     |      | 1800 | 143/5T | <a href="#">00218ST3QIE145T-W22</a> | \$1,023    | I1           | 64                            | 1.25           | 2.76           | 86.5        | 13.358             | 460         |       |
|     |      | 1800 | 143/5T | <a href="#">00218ST3HIE145T-W22</a> | \$1,023    | I1           | 64                            | 1.25           | 2.21           | 86.5        | 13.358             | 575         |       |
|     |      | 1200 | 182/4T | <a href="#">00212ST3QIE184T-W22</a> | \$1,363    | I1           | 113                           | 1.25           | 3.22           | 88.5        | 15.860             | 460         |       |
|     |      | 1200 | 182/4T | <a href="#">00212ST3HIE184T-W22</a> | \$1,363    | I1           | 114                           | 1.25           | 2.58           | 88.5        | 15.860             | 575         | 39    |
|     |      | 900  | 213/5T | <a href="#">00209ST3QIE213T-W22</a> | \$2,701    | I1           | 154                           | 1.25           | 3.39           | 85.5        | 19.517             | 460         |       |
| 3   | 2.2  | 3600 | 182/4T | <a href="#">00336ST3QIE182T-W22</a> | \$1,267    | I1           | 109                           | 1.25           | 3.63           | 86.5        | 15.860             | 460         |       |
|     |      | 3600 | 182/4T | <a href="#">00336ST3HIE182T-W22</a> | \$1,267    | I1           | 108                           | 1.25           | 2.90           | 86.5        | 15.860             | 575         |       |
|     |      | 1800 | 182/4T | <a href="#">00318ST3QIE182T-W22</a> | \$1,224    | I1           | 106                           | 1.25           | 3.91           | 89.5        | 15.860             | 460         |       |
|     |      | 1800 | 182/4T | <a href="#">00318ST3HIE182T-W22</a> | \$1,224    | I1           | 104                           | 1.25           | 3.13           | 89.5        | 15.860             | 575         |       |
|     |      | 1200 | 213/5T | <a href="#">00312ST3QIE213T-W22</a> | \$1,537    | I1           | 173                           | 1.25           | 4.41           | 89.5        | 19.517             | 460         |       |
|     |      | 1200 | 213/5T | <a href="#">00312ST3HIE213T-W22</a> | \$1,537    | I1           | 173                           | 1.25           | 3.53           | 89.5        | 19.517             | 575         |       |
|     |      | 900  | 213/5T | <a href="#">00309ST3QIE215T-W22</a> | \$2,883    | I1           | 199                           | 1.25           | 4.55           | 85.5        | 19.517             | 460         |       |
| 5   | 3.7  | 3600 | 182/4T | <a href="#">00536ST3QIE184T-W22</a> | \$1,429    | I1           | 116                           | 1.25           | 5.90           | 88.5        | 15.860             | 460         |       |
|     |      | 3600 | 182/4T | <a href="#">00536ST3HIE184T-W22</a> | \$1,429    | I1           | 116                           | 1.25           | 4.72           | 88.5        | 15.860             | 575         |       |
|     |      | 1800 | 182/4T | <a href="#">00518ST3QIE184T-W22</a> | \$1,371    | I1           | 115                           | 1.25           | 6.45           | 89.5        | 15.860             | 460         |       |
|     |      | 1800 | 182/4T | <a href="#">00518ST3HIE184T-W22</a> | \$1,371    | I1           | 115                           | 1.25           | 5.16           | 89.5        | 15.860             | 575         |       |
|     |      | 1200 | 213/5T | <a href="#">00512ST3QIE215T-W22</a> | \$1,901    | I1           | 191                           | 1.25           | 6.83           | 89.5        | 19.517             | 460         |       |
|     |      | 1200 | 213/5T | <a href="#">00512ST3HIE215T-W22</a> | \$1,901    | I1           | 191                           | 1.25           | 5.46           | 89.5        | 19.517             | 575         |       |
|     |      | 900  | 254/6T | <a href="#">00509ST3QIE254T-W22</a> | \$4,243    | I1           | 306                           | 1.25           | 7.58           | 87.5        | 24.945             | 460         |       |
| 7.5 | 5.5  | 3600 | 213/5T | <a href="#">00736ST3QIE213T-W22</a> | \$1,751    | I1           | 174                           | 1.25           | 8.76           | 89.5        | 19.517             | 460         |       |
|     |      | 3600 | 213/5T | <a href="#">00736ST3HIE213T-W22</a> | \$1,751    | I1           | 173                           | 1.25           | 7.01           | 89.5        | 19.517             | 575         |       |
|     |      | 1800 | 213/5T | <a href="#">00718ST3QIE213T-W22</a> | \$1,646    | I1           | 185                           | 1.25           | 9.18           | 91.7        | 19.517             | 460         |       |
|     |      | 1800 | 213/5T | <a href="#">00718ST3HIE213T-W22</a> | \$1,646    | I1           | 185                           | 1.25           | 7.34           | 91.7        | 19.517             | 575         |       |
|     |      | 1200 | 254/6T | <a href="#">00712ST3QIE254T-W22</a> | \$2,544    | I1           | 322                           | 1.25           | 9.48           | 91.0        | 24.945             | 460         |       |
|     |      | 1200 | 254/6T | <a href="#">00712ST3HIE254T-W22</a> | \$2,544    | I1           | 299                           | 1.25           | 7.58           | 91.0        | 24.945             | 575         |       |
|     |      | 900  | 254/6T | <a href="#">00709ST3QIE256T-W22</a> | \$5,040    | I1           | 321                           | 1.25           | 11.1           | 87.5        | 24.945             | 460         |       |

continue on next page

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For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>



## TEFC - Foot Mount - continued

| HP | kW   | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|----|------|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 10 | 7.5  | 3600 | 213/5T  | <a href="#">01036ST3QIE215T-W22</a>  | \$1,920    | I1           | 191                           | 1.25           | 11.6           | 90.2       | 19.517             | 460         |       |
|    |      | 3600 | 213/5T  | <a href="#">01036ST3HIE215T-W22</a>  | \$1,920    | I1           | 191                           | 1.25           | 9.28           | 90.2       | 19.517             | 575         |       |
|    |      | 1800 | 213/5T  | <a href="#">01018ST3QIE215T-W22</a>  | \$1,760    | I1           | 188                           | 1.25           | 12.4           | 91.7       | 19.517             | 460         |       |
|    |      | 1800 | 213/5T  | <a href="#">01018ST3HIE215T-W22</a>  | \$1,760    | I1           | 199                           | 1.25           | 9.92           | 91.7       | 19.517             | 575         |       |
|    |      | 1200 | 254/6T  | <a href="#">01012ST3QIE256T-W22</a>  | \$2,834    | I1           | 329                           | 1.25           | 12.9           | 91.0       | 24.945             | 460         |       |
|    |      | 1200 | 254/6T  | <a href="#">01012ST3HIE256T-W22</a>  | \$2,834    | I1           | 329                           | 1.25           | 10.3           | 91.0       | 24.945             | 575         |       |
|    |      | 900  | 284/6T  | <a href="#">01009ST3QIE284T-W22</a>  | \$5,936    | I1           | 380                           | 1.25           | 13.4           | 90.2       | 27.929             | 460         |       |
| 15 | 11   | 3600 | 254/6T  | <a href="#">01536ST3QIE254T-W22</a>  | \$2,428    | I1           | 303                           | 1.25           | 17.2           | 91.0       | 24.945             | 460         |       |
|    |      | 3600 | 254/6T  | <a href="#">01536ST3HIE254T-W22</a>  | \$2,428    | I1           | 303                           | 1.25           | 13.8           | 91.0       | 24.945             | 575         |       |
|    |      | 1800 | 254/6T  | <a href="#">01518ST3QIE254T-W22</a>  | \$2,257    | I1           | 341                           | 1.25           | 18.0           | 92.4       | 24.945             | 460         |       |
|    |      | 1800 | 254/6T  | <a href="#">01518ST3HIE254T-W22</a>  | \$2,257    | I1           | 351                           | 1.25           | 14.4           | 92.4       | 24.945             | 575         |       |
|    |      | 1200 | 284/6T  | <a href="#">01512ST3QIE284T-W22</a>  | \$4,203    | I1           | 430                           | 1.25           | 17.9           | 91.7       | 27.929             | 460         |       |
|    |      | 1200 | 284/6T  | <a href="#">01512ST3HIE284T-W22</a>  | \$4,203    | I1           | 425                           | 1.25           | 14.3           | 91.7       | 27.929             | 575         |       |
|    |      | 900  | 284/6T  | <a href="#">01509ST3QIE286T-W22</a>  | \$6,742    | I1           | 437                           | 1.25           | 19.4           | 90.2       | 27.929             | 460         |       |
| 20 | 15   | 3600 | 254/6T  | <a href="#">02036ST3QIE256T-W22</a>  | \$2,957    | I1           | 329                           | 1.25           | 23.2           | 91.0       | 24.945             | 460         |       |
|    |      | 3600 | 254/6T  | <a href="#">02036ST3HIE256T-W22</a>  | \$2,957    | I1           | 328                           | 1.25           | 18.6           | 91.0       | 24.945             | 575         |       |
|    |      | 1800 | 254/6T  | <a href="#">02018ST3QIE256T-W22</a>  | \$2,597    | I1           | 385                           | 1.25           | 24.1           | 93.0       | 24.945             | 460         |       |
|    |      | 1800 | 254/6T  | <a href="#">02018ST3HIE256T-W22</a>  | \$2,597    | I1           | 400                           | 1.25           | 19.3           | 93.0       | 24.945             | 575         |       |
|    |      | 1200 | 284/6T  | <a href="#">02012ST3QIE286T-W22</a>  | \$4,773    | I1           | 456                           | 1.25           | 24.2           | 91.7       | 27.929             | 460         |       |
|    |      | 1200 | 284/6T  | <a href="#">02012ST3HIE286T-W22</a>  | \$4,773    | I1           | 456                           | 1.25           | 19.4           | 91.7       | 27.929             | 575         |       |
|    |      | 900  | 324/6T  | <a href="#">02009ST3QIE324T-W22</a>  | \$8,269    | I1           | 551                           | 1.25           | 28.3           | 91.0       | 31.116             | 460         |       |
| 25 | 18.5 | 3600 | 284/6TS | <a href="#">02536ST3QIE284TS-W22</a> | \$3,368    | I1           | 413                           | 1.25           | 28.5           | 91.7       | 26.557             | 460         |       |
|    |      | 3600 | 284/6TS | <a href="#">02536ST3HIE284TS-W22</a> | \$3,368    | I1           | 403                           | 1.25           | 22.8           | 91.7       | 26.557             | 575         |       |
|    |      | 1800 | 284/6T  | <a href="#">02518ST3QIE284T-W22</a>  | \$2,926    | I1           | 448                           | 1.25           | 29.5           | 93.6       | 27.929             | 460         |       |
|    |      | 1800 | 284/6T  | <a href="#">02518ST3HIE284T-W22</a>  | \$2,926    | I1           | 447                           | 1.25           | 23.6           | 93.6       | 27.929             | 575         |       |
|    |      | 1200 | 324/6T  | <a href="#">02512ST3QIE324T-W22</a>  | \$5,211    | I1           | 588                           | 1.25           | 30.4           | 93.0       | 31.116             | 460         |       |
|    |      | 1200 | 324/6T  | <a href="#">02512ST3HIE324T-W22</a>  | \$5,211    | I1           | 587                           | 1.25           | 24.3           | 93.0       | 31.116             | 575         |       |
|    |      | 900  | 324/6T  | <a href="#">02509ST3QIE326T-W22</a>  | \$8,838    | I1           | 596                           | 1.25           | 35.9           | 91.0       | 31.116             | 460         |       |
| 30 | 22   | 3600 | 284/6TS | <a href="#">03036ST3QIE286TS-W22</a> | \$3,799    | I1           | 433                           | 1.25           | 33.8           | 91.7       | 26.557             | 460         |       |
|    |      | 3600 | 284/6TS | <a href="#">03036ST3HIE286TS-W22</a> | \$3,799    | I1           | 433                           | 1.25           | 27.0           | 91.7       | 26.557             | 575         |       |
|    |      | 1800 | 284/6T  | <a href="#">03018ST3QIE286T-W22</a>  | \$3,509    | I1           | 454                           | 1.25           | 35.1           | 93.6       | 27.929             | 460         |       |
|    |      | 1800 | 284/6T  | <a href="#">03018ST3HIE286T-W22</a>  | \$3,509    | I1           | 484                           | 1.25           | 28.1           | 93.6       | 27.929             | 575         |       |
|    |      | 1200 | 324/6T  | <a href="#">03012ST3QIE326T-W22</a>  | \$5,359    | I1           | 633                           | 1.25           | 35.8           | 93.0       | 31.116             | 460         |       |
|    |      | 1200 | 324/6T  | <a href="#">03012ST3HIE326T-W22</a>  | \$5,359    | I1           | 632                           | 1.25           | 28.6           | 93.0       | 31.116             | 575         |       |
|    |      | 900  | 364/5T  | <a href="#">03009ST3QIE364T-W22</a>  | \$13,149   | I1           | 900                           | 1.25           | 37.0           | 92.4       | 34.251             | 460         |       |
| 40 | 30   | 3600 | 324/6TS | <a href="#">04036ST3QIE324TS-W22</a> | \$5,306    | I1           | 591                           | 1.25           | 45.8           | 92.4       | 29.616             | 460         |       |
|    |      | 3600 | 324/6TS | <a href="#">04036ST3HIE324TS-W22</a> | \$5,306    | I1           | 591                           | 1.25           | 36.6           | 92.4       | 29.616             | 575         |       |
|    |      | 1800 | 324/6T  | <a href="#">04018ST3QIE324T-W22</a>  | \$4,692    | I1           | 590                           | 1.25           | 47.1           | 94.1       | 31.116             | 460         |       |
|    |      | 1800 | 324/6T  | <a href="#">04018ST3HIE324T-W22</a>  | \$4,692    | I1           | 617                           | 1.25           | 37.7           | 94.1       | 31.116             | 575         |       |
|    |      | 1200 | 364/5T  | <a href="#">04012ST3QIE364T-W22</a>  | \$8,636    | I1           | 1007                          | 1.25           | 46.5           | 94.1       | 34.251             | 460         |       |
|    |      | 1200 | 364/5T  | <a href="#">04012ST3HIE364T-W22</a>  | \$8,636    | I1           | 1003                          | 1.25           | 37.2           | 94.1       | 34.251             | 575         |       |
|    |      | 900  | 364/5T  | <a href="#">04009ST3QIE365T-W22</a>  | \$14,909   | I1           | 955                           | 1.25           | 50.3           | 92.4       | 34.251             | 460         |       |

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## TEFC - Foot Mount - *continued*

| HP  | kW | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|----|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 50  | 37 | 3600 | 324/6TS | <a href="#">05036ST3QIE326TS-W22</a> | \$5,970    | I1           | 613                           | 1.25           | 56.1           | 93.0        | 29.616             | 460         |       |
|     |    | 3600 | 324/6TS | <a href="#">05036ST3HIE326TS-W22</a> | \$5,970    | I1           | 612                           | 1.25           | 44.9           | 93.0        | 29.616             | 575         |       |
|     |    | 1800 | 324/6T  | <a href="#">05018ST3QIE326T-W22</a>  | \$5,233    | I1           | 610                           | 1.25           | 59.2           | 94.5        | 31.116             | 460         |       |
|     |    | 1800 | 324/6T  | <a href="#">05018ST3HIE326T-W22</a>  | \$5,233    | I1           | 636                           | 1.25           | 47.4           | 94.5        | 31.116             | 575         |       |
|     |    | 1200 | 364/5T  | <a href="#">05012ST3QIE365T-W22</a>  | \$9,369    | I1           | 1022                          | 1.25           | 57.4           | 94.1        | 34.251             | 460         |       |
|     |    | 1200 | 364/5T  | <a href="#">05012ST3HIE365T-W22</a>  | \$9,369    | I1           | 1019                          | 1.25           | 45.9           | 94.1        | 34.251             | 575         |       |
|     |    | 900  | 404/5T  | <a href="#">05009ST3QIE404T-W22</a>  | \$19,331   | I1           | 1214                          | 1.25           | 60.0           | 93.0        | 39.730             | 460         |       |
| 60  | 45 | 3600 | 364/5TS | <a href="#">06036ST3QIE364TS-W22</a> | \$8,665    | I1           | 965                           | 1.25           | 67.0           | 93.6        | 32.338             | 460         |       |
|     |    | 3600 | 364/5TS | <a href="#">06036ST3HIE364TS-W22</a> | \$8,665    | I1           | 963                           | 1.25           | 53.6           | 93.6        | 32.338             | 575         |       |
|     |    | 1800 | 364/5T  | <a href="#">06018ST3QIE364T-W22</a>  | \$8,044    | I1           | 957                           | 1.25           | 68.3           | 95.0        | 34.251             | 460         |       |
|     |    | 1800 | 364/5T  | <a href="#">06018ST3HIE364T-W22</a>  | \$8,044    | I1           | 1030                          | 1.25           | 54.6           | 95.0        | 34.251             | 575         |       |
|     |    | 1200 | 404/5T  | <a href="#">06012ST3QIE404T-W22</a>  | \$11,790   | I1           | 1253                          | 1.25           | 69.5           | 94.5        | 39.730             | 460         |       |
|     |    | 1200 | 404/5T  | <a href="#">06012ST3HIE404T-W22</a>  | \$11,790   | I1           | 1249                          | 1.25           | 55.6           | 94.5        | 39.730             | 575         |       |
|     |    | 900  | 404/5T  | <a href="#">06009ST3QIE405T-W22</a>  | \$22,579   | I1           | 1261                          | 1.25           | 73.0           | 93.0        | 39.730             | 460         |       |
| 75  | 55 | 3600 | 364/5TS | <a href="#">07536ST3QIE365TS-W22</a> | \$10,210   | I1           | 1012                          | 1.25           | 81.9           | 93.6        | 32.338             | 460         |       |
|     |    | 3600 | 364/5TS | <a href="#">07536ST3HIE365TS-W22</a> | \$10,210   | I1           | 972                           | 1.25           | 65.5           | 93.6        | 32.338             | 575         |       |
|     |    | 1800 | 364/5T  | <a href="#">07518ST3QIE365T-W22</a>  | \$9,289    | I1           | 996                           | 1.25           | 84.1           | 95.4        | 34.251             | 460         |       |
|     |    | 1800 | 364/5T  | <a href="#">07518ST3QIERB365T-W2</a> | \$10,019   | I1           | 1019                          | 1.25           | 84.1           | 95.4        | 34.251             | 460         | 14    |
|     |    | 1800 | 364/5T  | <a href="#">07518ST3HIE365T-W22</a>  | \$9,289    | I1           | 1045                          | 1.25           | 67.3           | 95.4        | 34.251             | 575         |       |
|     |    | 1200 | 404/5T  | <a href="#">07512ST3QIE405T-W22</a>  | \$12,866   | I1           | 1317                          | 1.25           | 84.9           | 94.5        | 39.730             | 460         |       |
|     |    | 1200 | 404/5T  | <a href="#">07512ST3QIERB405T-W2</a> | \$12,866   | I1           | 1326                          | 1.25           | 84.9           | 94.5        | 39.730             | 460         | 14    |
|     |    | 1200 | 404/5T  | <a href="#">07512ST3HIE405T-W22</a>  | \$12,866   | I1           | 1298                          | 1.25           | 67.9           | 94.5        | 39.730             | 575         |       |
|     |    | 900  | 444/5T  | <a href="#">07509ST3QIE444T-W22</a>  | \$23,457   | I1           | 1666                          | 1.25           | 93.0           | 93.6        | 44.950             | 460         |       |
| 100 | 75 | 3600 | 404/5TS | <a href="#">10036ST3QIE405TS-W22</a> | \$12,806   | I1           | 1182                          | 1.25           | 110            | 94.1        | 36.732             | 460         |       |
|     |    | 3600 | 404/5TS | <a href="#">10036ST3HIE405TS-W22</a> | \$12,806   | I1           | 1191                          | 1.25           | 88.0           | 94.1        | 36.732             | 575         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ST3QIE405T-W22</a>  | \$12,471   | I1           | 1276                          | 1.25           | 116            | 95.4        | 39.730             | 460         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ST3QIERB405T-W2</a> | \$12,471   | I1           | 1292                          | 1.25           | 116            | 95.4        | 39.730             | 460         | 14    |
|     |    | 1800 | 404/5T  | <a href="#">10018ST3HIE405T-W22</a>  | \$12,471   | I1           | 1339                          | 1.25           | 92.8           | 95.4        | 39.730             | 575         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018ST3HIERB405T-W2</a> | \$12,471   | I1           | 1348                          | 1.25           | 92.8           | 95.4        | 39.730             | 575         | 14    |
|     |    | 1200 | 444/5T  | <a href="#">10012ST3QIE444T-W22</a>  | \$17,933   | I1           | 1800                          | 1.25           | 121            | 95.0        | 44.950             | 460         |       |
|     |    | 1200 | 444/5T  | <a href="#">10012ST3QIERB444T-W2</a> | \$17,933   | I1           | 1915                          | 1.25           | 121            | 95.0        | 44.950             | 460         | 14    |
|     |    | 1200 | 444/5T  | <a href="#">10012ST3HIE444T-W22</a>  | \$17,933   | I1           | 1900                          | 1.25           | 96.8           | 95.0        | 44.950             | 575         |       |
|     |    | 900  | 444/5T  | <a href="#">10009ST3QIE445T-W22</a>  | \$24,681   | I1           | 1944                          | 1.25           | 127            | 94.1        | 44.950             | 460         |       |
|     |    | 900  | 444/5T  | <a href="#">10009ST3QIERB445T-W2</a> | \$24,681   | I1           | 1763                          | 1.25           | 127            | 94.1        | 44.950             | 460         | 14    |
| 125 | 90 | 3600 | 444/5TS | <a href="#">12536ST3QIE444TS-W22</a> | \$18,198   | I1           | 1805                          | 1.15           | 134            | 95.0        | 41.200             | 460         |       |
|     |    | 3600 | 444/5TS | <a href="#">12536ST3HIE444TS-W22</a> | \$18,198   | I1           | 1796                          | 1.15           | 107            | 95.0        | 41.200             | 575         |       |
|     |    | 1800 | 444/5T  | <a href="#">12518ST3QIE444T-W22</a>  | \$16,564   | I1           | 1708                          | 1.15           | 139            | 95.4        | 44.950             | 460         |       |
|     |    | 1800 | 444/5T  | <a href="#">12518ST3QIERB444T-W2</a> | \$16,564   | I1           | 1836                          | 1.15           | 139            | 95.4        | 44.950             | 460         | 14    |
|     |    | 1800 | 444/5T  | <a href="#">12518ST3HIE444T-W22</a>  | \$16,564   | I1           | 1822                          | 1.15           | 111            | 95.4        | 44.950             | 575         |       |
|     |    | 1200 | 444/5T  | <a href="#">12512ST3QIE445T-W22</a>  | \$20,158   | I1           | 2016                          | 1.15           | 143            | 95.0        | 44.950             | 460         |       |
|     |    | 1200 | 444/5T  | <a href="#">12512ST3QIERB445T-W2</a> | \$20,158   | I1           | 2028                          | 1.15           | 143            | 95.0        | 44.950             | 460         | 14    |
|     |    | 1200 | 444/5T  | <a href="#">12512ST3HIE445T-W22</a>  | \$20,158   | I1           | 2013                          | 1.15           | 114            | 95.0        | 44.950             | 575         |       |
|     |    | 900  | 445/7T  | <a href="#">12509ST3QIE447T-W22</a>  | \$29,733   | I1           | 2239                          | 1.15           | 151            | 94.5        | 48.701             | 460         |       |
|     |    | 900  | 445/7T  | <a href="#">12509ST3QIERB447T-W2</a> | \$29,733   | I1           | 2273                          | 1.15           | 151            | 94.5        | 48.701             | 460         | 14    |

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## TEFC - Foot Mount - continued

| HP  | kW  | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes  |
|-----|-----|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|--------|
| 150 | 110 | 3600 | 444/5TS | <a href="#">15036ST3QIE445TS-W22</a> | \$21,433   | I1           | 1900                          | 1.15           | 161            | 95.0       | 41.200             | 460         |        |
|     |     | 3600 | 444/5TS | <a href="#">15036ST3HIE445TS-W22</a> | \$21,433   | I1           | 1908                          | 1.15           | 129            | 95.0       | 41.200             | 575         |        |
|     |     | 1800 | 444/5T  | <a href="#">15018ST3QIE445T-W22</a>  | \$18,587   | I1           | 1910                          | 1.15           | 170            | 95.8       | 44.950             | 460         |        |
|     |     | 1800 | 444/5T  | <a href="#">15018ST3QIERB445T-W2</a> | \$18,587   | I1           | 2041                          | 1.15           | 170            | 95.8       | 44.950             | 460         | 14     |
|     |     | 1800 | 444/5T  | <a href="#">15018ST3HIE445T-W22</a>  | \$18,587   | I1           | 2027                          | 1.15           | 136            | 95.8       | 44.950             | 575         |        |
|     |     | 1800 | 444/5T  | <a href="#">15018ST3HIERB445T-W2</a> | \$18,587   | I1           | 2038                          | 1.15           | 136            | 95.8       | 44.950             | 575         | 14     |
|     |     | 1200 | 445/7T  | <a href="#">15012ST3QIE447T-W22</a>  | \$23,181   | I1           | 2511                          | 1.15           | 176            | 95.8       | 48.701             | 460         |        |
|     |     | 1200 | 445/7T  | <a href="#">15012ST3QIERB447T-W2</a> | \$23,181   | I1           | 2543                          | 1.15           | 176            | 95.8       | 48.701             | 460         | 14     |
|     |     | 1200 | 445/7T  | <a href="#">15012ST3HIE447T-W22</a>  | \$23,181   | I1           | 2531                          | 1.15           | 141            | 95.8       | 48.701             | 575         |        |
|     |     | 900  | 445/7T  | <a href="#">15009ST3QIE447T-W22</a>  | \$34,755   | I1           | 2409                          | 1.15           | 185            | 94.5       | 48.701             | 460         |        |
| 200 | 150 | 900  | 445/7T  | <a href="#">15009ST3QIERB447T-W2</a> | \$34,755   | I1           | 2421                          | 1.15           | 185            | 94.5       | 48.701             | 460         | 14;51  |
|     |     | 3600 | 445/7TS | <a href="#">20036ST3QIE447TS-W22</a> | \$28,568   | I1           | 2240                          | 1.15           | 219            | 95.4       | 44.951             | 460         |        |
|     |     | 3600 | 445/7TS | <a href="#">20036ST3HIE447TS-W22</a> | \$28,568   | I1           | 2209                          | 1.15           | 175            | 95.4       | 44.951             | 575         |        |
|     |     | 1800 | 445/7T  | <a href="#">20018ST3QIE447T-W22</a>  | \$23,696   | I1           | 2320                          | 1.15           | 230            | 96.2       | 48.701             | 460         |        |
|     |     | 1800 | 445/7T  | <a href="#">20018ST3QIERB447T-W2</a> | \$23,696   | I1           | 2520                          | 1.15           | 230            | 96.2       | 48.701             | 460         | 14     |
|     |     | 1800 | 445/7T  | <a href="#">20018ST3HIE447T-W22</a>  | \$23,696   | I1           | 2502                          | 1.15           | 184            | 96.2       | 48.701             | 575         |        |
|     |     | 1200 | 447/9T  | <a href="#">20012ST3QIE449T-W22</a>  | \$27,557   | I1           | 2978                          | 1.15           | 237            | 95.8       | 56.338             | 460         |        |
|     |     | 1200 | 447/9T  | <a href="#">20012ST3QIERB449T-W2</a> | \$27,557   | I1           | 3052                          | 1.15           | 237            | 95.8       | 56.338             | 460         | 14     |
|     |     | 1200 | 447/9T  | <a href="#">20012ST3HIE449T-W22</a>  | \$27,557   | I1           | 3030                          | 1.15           | 190            | 95.8       | 56.338             | 575         |        |
|     |     | 1200 | 447/9T  | <a href="#">20012ST3HIERB449T-W2</a> | \$27,557   | I1           | 3046                          | 1.15           | 190            | 95.8       | 56.338             | 575         | 14     |
| 250 | 185 | 900  | L447/9T | <a href="#">20009ST3QIE449T-W22</a>  | \$57,394   | I1           | 3655                          | 1.15           | 242            | 95.0       | 57.181             | 460         | 43     |
|     |     | 900  | L447/9T | <a href="#">20009ST3QIERB449T-W2</a> | \$57,394   | I1           | 3669                          | 1.15           | 242            | 95.0       | 57.181             | 460         | 14;43  |
|     |     | 900  | L447/9T | <a href="#">20009ST3HIE449T-W22</a>  | \$57,394   | I1           | 3569                          | 1.15           | 194            | 95.0       | 57.181             | 575         | 43     |
|     |     | 3600 | 447/9TS | <a href="#">25036ST3QIE449TS-W22</a> | \$34,663   | I1           | 2603                          | 1.15           | 266            | 95.8       | 52.940             | 460         |        |
|     |     | 1800 | 447/9T  | <a href="#">25018ST3QIE449T-W22</a>  | \$30,081   | I1           | 2904                          | 1.15           | 281            | 96.2       | 56.338             | 460         |        |
|     |     | 1800 | 447/9T  | <a href="#">25018ST3QIERB449T-W2</a> | \$30,081   | I1           | 2869                          | 1.15           | 281            | 96.2       | 56.338             | 460         | 14     |
|     |     | 1200 | 447/9T  | <a href="#">25012ST3QIE449T-W22</a>  | \$39,415   | I1           | 3190                          | 1.15           | 292            | 95.8       | 56.338             | 460         |        |
|     |     | 1200 | 447/9T  | <a href="#">25012ST3QIERB449T-W2</a> | \$39,415   | I1           | 2702                          | 1.15           | 292            | 95.8       | 56.338             | 460         | 14     |
|     |     | 1800 | 447/9T  | <a href="#">30018ST3QIE449T-W22</a>  | \$36,810   | I1           | 3102                          | 1.15           | 330            | 96.2       | 56.338             | 460         |        |
|     |     | 1800 | 447/9T  | <a href="#">30018ST3QIERB449T-W2</a> | \$36,810   | I1           | 3130                          | 1.15           | 330            | 96.2       | 56.338             | 460         | 14     |
| 300 | 220 | 1200 | L447/9T | <a href="#">30012ST3QIE449T-W22</a>  | \$44,648   | I1           | 3645                          | 1.15           | 351            | 95.8       | 57.181             | 460         | 43     |
|     |     | 1200 | L447/9T | <a href="#">30012ST3QIERB449T-W2</a> | \$44,648   | I1           | 3571                          | 1.15           | 351            | 95.8       | 57.181             | 460         | 14;43  |
| 350 | 260 | 1800 | L447/9T | <a href="#">35018ST3QIE449T-W22</a>  | \$44,105   | I1           | 3580                          | 1.15           | 394            | 96.2       | 57.181             | 460         | 43     |
|     |     | 1800 | L447/9T | <a href="#">35018ST3QIERB449T-W2</a> | \$44,105   | I1           | 3580                          | 1.15           | 394            | 96.2       | 57.181             | 460         | 14;43  |
|     |     | 1200 | L447/9T | <a href="#">35012ST3QIE449T-W22</a>  | \$52,634   | I1           | 3824                          | 1.15           | 415            | 95.8       | 57.181             | 460         | 43, 37 |
|     |     | 1200 | L447/9T | <a href="#">35012ST3QIERB449T-W2</a> | \$52,634   | I1           | 3756                          | 1.15           | 415            | 95.8       | 57.181             | 460         | 14;43  |
| 400 | 300 | 1800 | L447/9T | <a href="#">40018ST3QIE449T-W22</a>  | \$48,396   | I1           | 3467                          | 1.15           | 455            | 96.2       | 57.181             | 460         | 43     |
|     |     | 1800 | L447/9T | <a href="#">40018ST3QIERB449T-W2</a> | \$48,396   | I1           | 3467                          | 1.15           | 455            | 96.2       | 57.181             | 460         | 14;43  |

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# Severe Duty - Three-Phase Motors



IEEE 841

## TEFC - C-Face - Foot Mount



Severe Duty -  
Three-Phase  
Motors

| HP  | kW   | RPM  | Frame    | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|----------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1   | 0.75 | 1800 | 143/5TC  | <a href="#">00118ST3QIE143TC-W22</a> | \$972      | I1           | 55                            | 1.25           | 1.47           | 85.5        | 13.358             | 460         |       |
|     |      | 1200 | 143/5TC  | <a href="#">00112ST3QIE145TC-W22</a> | \$1,112    | I1           | 63                            | 1.25           | 1.73           | 82.5        | 13.358             | 460         |       |
| 1.5 | 1.1  | 3600 | 143/5TC  | <a href="#">00156ST3QIE143TC-W22</a> | \$1,031    | I1           | 57                            | 1.25           | 1.96           | 84.0        | 13.358             | 460         |       |
|     |      | 1800 | 143/5TC  | <a href="#">00158ST3QIE145TC-W22</a> | \$1,031    | I1           | 61                            | 1.25           | 2.02           | 86.5        | 13.358             | 460         |       |
|     |      | 1200 | 182/4TC  | <a href="#">00152ST3QIE182TC-W22</a> | \$1,351    | I1           | 112                           | 1.25           | 2.54           | 87.5        | 15.860             | 460         |       |
|     |      | 900  | 182/4TC  | <a href="#">00159ST3QIE184TC-W22</a> | \$2,081    | I1           | 116                           | 1.25           | 2.70           | 82.5        | 15.860             | 460         |       |
| 2   | 1.5  | 3600 | 143/5TC  | <a href="#">00236ST3QIE145TC-W22</a> | \$1,073    | I1           | 62                            | 1.25           | 2.56           | 85.5        | 13.358             | 460         |       |
|     |      | 1800 | 143/5TC  | <a href="#">00218ST3QIE145TC-W22</a> | \$1,073    | I1           | 62                            | 1.25           | 2.76           | 86.5        | 13.358             | 460         |       |
|     |      | 1200 | 182/4TC  | <a href="#">00212ST3QIE184TC-W22</a> | \$1,428    | I1           | 117                           | 1.25           | 3.22           | 88.5        | 15.860             | 460         | 39    |
|     |      | 900  | 213/5TC  | <a href="#">00209ST3QIE213TC-W22</a> | \$2,781    | I1           | 185                           | 1.25           | 3.39           | 85.5        | 19.517             | 460         |       |
| 3   | 2.2  | 3600 | 182/4TC  | <a href="#">00336ST3QIE182TC-W22</a> | \$1,332    | I1           | 113                           | 1.25           | 3.63           | 86.5        | 15.860             | 460         |       |
|     |      | 1800 | 182/4TC  | <a href="#">00318ST3QIE182TC-W22</a> | \$1,289    | I1           | 109                           | 1.25           | 3.91           | 89.5        | 15.860             | 460         |       |
|     |      | 1200 | 213/5TC  | <a href="#">00312ST3QIE213TC-W22</a> | \$1,617    | I1           | 178                           | 1.25           | 4.41           | 89.5        | 19.517             | 460         |       |
|     |      | 900  | 213/5TC  | <a href="#">00309ST3QIE215TC-W22</a> | \$2,963    | I1           | 181                           | 1.25           | 4.55           | 85.5        | 19.517             | 460         |       |
| 5   | 3.7  | 3600 | 182/4TC  | <a href="#">00536ST3QIE184TC-W22</a> | \$1,494    | I1           | 120                           | 1.25           | 5.90           | 88.5        | 15.860             | 460         |       |
|     |      | 1800 | 182/4TC  | <a href="#">00518ST3QIE184TC-W22</a> | \$1,436    | I1           | 119                           | 1.25           | 6.45           | 89.5        | 15.860             | 460         |       |
|     |      | 1200 | 213/5TC  | <a href="#">00512ST3QIE215TC-W22</a> | \$1,981    | I1           | 194                           | 1.25           | 6.83           | 89.5        | 19.517             | 460         |       |
|     |      | 900  | 254/6TC  | <a href="#">00509ST3QIE254TC-W22</a> | \$4,363    | I1           | 309                           | 1.25           | 7.58           | 87.5        | 24.945             | 460         |       |
| 7.5 | 5.5  | 3600 | 213/5TC  | <a href="#">00736ST3QIE213TC-W22</a> | \$1,831    | I1           | 177                           | 1.25           | 8.76           | 89.5        | 19.517             | 460         |       |
|     |      | 1800 | 213/5TC  | <a href="#">00718ST3QIE213TC-W22</a> | \$1,726    | I1           | 189                           | 1.25           | 9.18           | 91.7        | 19.517             | 460         |       |
|     |      | 1200 | 254/6TC  | <a href="#">00712ST3QIE254TC-W22</a> | \$2,664    | I1           | 325                           | 1.25           | 9.48           | 91.0        | 24.945             | 460         |       |
|     |      | 900  | 254/6TC  | <a href="#">00709ST3QIE256TC-W22</a> | \$5,160    | I1           | 321                           | 1.25           | 11.1           | 87.5        | 24.945             | 460         |       |
| 10  | 7.5  | 3600 | 213/5TC  | <a href="#">01036ST3QIE215TC-W22</a> | \$2,000    | I1           | 195                           | 1.25           | 11.6           | 90.2        | 19.517             | 460         |       |
|     |      | 1800 | 213/5TC  | <a href="#">01018ST3QIE215TC-W22</a> | \$1,840    | I1           | 203                           | 1.25           | 12.4           | 91.7        | 19.517             | 460         |       |
|     |      | 1200 | 254/6TC  | <a href="#">01012ST3QIE256TC-W22</a> | \$2,954    | I1           | 340                           | 1.25           | 12.9           | 91.0        | 24.945             | 460         |       |
|     |      | 900  | 284/6TC  | <a href="#">01009ST3QIE284TC-W22</a> | \$6,136    | I1           | 400                           | 1.25           | 13.4           | 90.2        | 27.929             | 460         |       |
| 15  | 11   | 3600 | 254/6TC  | <a href="#">01536ST3QIE254TC-W22</a> | \$2,548    | I1           | 306                           | 1.25           | 17.2           | 91.0        | 24.945             | 460         |       |
|     |      | 1800 | 254/6TC  | <a href="#">01518ST3QIE254TC-W22</a> | \$2,377    | I1           | 355                           | 1.25           | 18.0           | 92.4        | 24.945             | 460         |       |
|     |      | 1200 | 284/6TC  | <a href="#">01512ST3QIE284TC-W22</a> | \$4,403    | I1           | 434                           | 1.25           | 17.9           | 91.7        | 27.929             | 460         |       |
|     |      | 900  | 284/6TC  | <a href="#">01509ST3QIE286TC-W22</a> | \$6,942    | I1           | 444                           | 1.25           | 19.4           | 90.2        | 27.929             | 460         |       |
| 20  | 15   | 3600 | 254/6TC  | <a href="#">02036ST3QIE256TC-W22</a> | \$3,077    | I1           | 332                           | 1.25           | 23.2           | 91.0        | 24.945             | 460         |       |
|     |      | 1800 | 254/6TC  | <a href="#">02018ST3QIE256TC-W22</a> | \$2,717    | I1           | 404                           | 1.25           | 24.1           | 93.0        | 24.945             | 460         |       |
|     |      | 1200 | 284/6TC  | <a href="#">02012ST3QIE286TC-W22</a> | \$4,973    | I1           | 465                           | 1.25           | 24.2           | 91.7        | 27.929             | 460         |       |
|     |      | 900  | 324/6TC  | <a href="#">02009ST3QIE324TC-W22</a> | \$8,494    | I1           | 482                           | 1.25           | 28.3           | 91.0        | 31.116             | 460         |       |
| 25  | 18.5 | 3600 | 284/6TSC | <a href="#">02536ST3QIE284TSC-W2</a> | \$3,568    | I1           | 389                           | 1.25           | 28.5           | 91.7        | 26.557             | 460         |       |
|     |      | 1800 | 284/6TC  | <a href="#">02518ST3QIE284TC-W22</a> | \$3,126    | I1           | 456                           | 1.25           | 29.5           | 93.6        | 27.929             | 460         |       |
|     |      | 1200 | 324/6TC  | <a href="#">02512ST3QIE324TC-W22</a> | \$5,436    | I1           | 603                           | 1.25           | 30.4           | 93.0        | 31.116             | 460         |       |
|     |      | 900  | 324/6TC  | <a href="#">02509ST3QIE326TC-W22</a> | \$9,063    | I1           | 539                           | 1.25           | 35.9           | 91.0        | 31.116             | 460         |       |
| 30  | 22   | 3600 | 284/6TSC | <a href="#">03036ST3QIE286TSC-W2</a> | \$3,999    | I1           | 441                           | 1.25           | 33.8           | 91.7        | 26.557             | 460         |       |
|     |      | 1800 | 284/6TC  | <a href="#">03018ST3QIE286TC-W22</a> | \$3,709    | I1           | 493                           | 1.25           | 35.1           | 93.6        | 27.929             | 460         |       |
|     |      | 1200 | 324/6TC  | <a href="#">03012ST3QIE326TC-W22</a> | \$5,584    | I1           | 646                           | 1.25           | 35.8           | 93.0        | 31.116             | 460         |       |
|     |      | 900  | 364/5TC  | <a href="#">03009ST3QIE364TC-W22</a> | \$13,524   | I1           | 917                           | 1.25           | 37.0           | 92.4        | 34.251             | 460         |       |

continued on next page

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## TEFC - C-Face - Foot Mount - *continued*

| HP | kW | RPM  | Frame    | Catalog Number                       | List Price      | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|----|----|------|----------|--------------------------------------|-----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 40 | 30 | 3600 | 324/6TSC | <a href="#">04036ST3QIE324TSC-W2</a> | <b>\$5,531</b>  | I1           | 602                           | 1.25           | 45.8           | 92.4        | 29.616             | 460         |       |
|    |    | 1800 | 324/6TC  | <a href="#">04018ST3QIE324TC-W22</a> | <b>\$4,917</b>  | I1           | 633                           | 1.25           | 47.1           | 94.1        | 31.116             | 460         |       |
|    |    | 1200 | 364/5TC  | <a href="#">04012ST3QIE364TC-W22</a> | <b>\$9,011</b>  | I1           | 1032                          | 1.25           | 46.5           | 94.1        | 34.251             | 460         |       |
|    |    | 900  | 364/5TC  | <a href="#">04009ST3QIE365TC-W22</a> | <b>\$15,284</b> | I1           | 990                           | 1.25           | 50.3           | 92.4        | 34.251             | 460         |       |
| 50 | 37 | 3600 | 324/6TSC | <a href="#">05036ST3QIE326TSC-W2</a> | <b>\$6,195</b>  | I1           | 627                           | 1.25           | 56.1           | 93.0        | 29.616             | 460         |       |
|    |    | 1800 | 324/6TC  | <a href="#">05018ST3QIE326TC-W22</a> | <b>\$5,458</b>  | I1           | 651                           | 1.25           | 59.2           | 94.5        | 31.116             | 460         |       |
|    |    | 1200 | 364/5TC  | <a href="#">05012ST3QIE365TC-W22</a> | <b>\$9,744</b>  | I1           | 983                           | 1.25           | 57.4           | 94.1        | 34.251             | 460         |       |
|    |    | 900  | 404/5TC  | <a href="#">05009ST3QIE404TC-W22</a> | <b>\$19,856</b> | I1           | 1132                          | 1.25           | 60.0           | 93.0        | 39.730             | 460         |       |
| 60 | 45 | 1200 | 404/5TC  | <a href="#">06012ST3QIE404TC-W22</a> | <b>\$12,315</b> | I1           | 1156                          | 1.25           | 69.5           | 94.5        | 39.730             | 460         |       |



## TEFC - C-Face - Footless

| HP  | kW   | RPM  | Frame   | Catalog Number                       | List Price     | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|---------|--------------------------------------|----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1   | 0.75 | 1800 | 143/5TC | <a href="#">00118ST3QIER143TC-W2</a> | <b>\$1,000</b> | I1           | 54                            | 1.25           | 1.47           | 85.5        | 14.066             | 460         | 15    |
| 1.5 | 1.1  | 1800 | 143/5TC | <a href="#">00158ST3QIER145TC-W2</a> | <b>\$1,061</b> | I1           | 62                            | 1.25           | 2.02           | 86.5        | 14.066             | 460         | 15    |
| 2   | 1.5  | 1800 | 143/5TC | <a href="#">00218ST3QIER145TC-W2</a> | <b>\$1,104</b> | I1           | 63                            | 1.25           | 2.76           | 86.5        | 14.066             | 460         | 15    |
| 3   | 2.2  | 1800 | 182/4TC | <a href="#">00318ST3QIER182TC-W2</a> | <b>\$1,326</b> | I1           | 110                           | 1.25           | 3.91           | 89.5        | 17.080             | 460         | 15;39 |
| 5   | 3.7  | 1800 | 182/4TC | <a href="#">00518ST3QIER184TC-W2</a> | <b>\$1,478</b> | I1           | 119                           | 1.25           | 6.45           | 89.5        | 17.080             | 460         | 15    |
| 7.5 | 5.5  | 1800 | 213/5TC | <a href="#">00718ST3QIER213TC-W2</a> | <b>\$1,776</b> | I1           | 177                           | 1.25           | 9.18           | 91.7        | 21.269             | 460         | 15    |
| 10  | 7.5  | 1800 | 213/5TC | <a href="#">01018ST3QIER215TC-W2</a> | <b>\$1,893</b> | I1           | 192                           | 1.25           | 12.4           | 91.7        | 21.269             | 460         | 15    |

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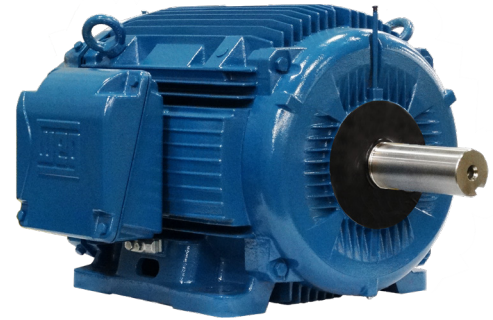
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# W22 API661 Severe Duty Motors

## 5-75HP

The WEG W22 API661 product is the latest generation of Severe Duty Cast Iron frame industrial motors designed to meet the demands of Reliability, Efficiency, and Total Cost of Ownership today's customers demand, and have come to expect from WEG.



### Standard Features:

- Heavy Duty FC200 Cast Iron Frame, Brackets, Conduit Box and Fan Cover
- Motor rated IP56 for better driven water exclusion
- InproSeal seals rated IP56 on both bearings+DE umbrella Slinger
- Shaft Drilled & Tapped for vertical lifting shaft up or down
- Roller bearing on DE for min 40,000 L-10 bearing life on belted loads (213T and larger)
- Dual drilled mounting Feet for increased flexibility
- Foot flatness of <.005" and paint free feet aid mounting and alignment
- Regreasable bearings with WEG Positive Pressure Lubrication System (PPLS) including Cast Iron bearing caps, Seamless Stainless Steel grease inlet extensions, and Auto grease relief
- Forged shouldered eyebolts for safe handling (180T frame and above)
- Stainless Steel automatic condensate Drains in both endshields
- 4-Bolts Conduit Box and Cover with Neoprene gaskets for sure seal
- VFD Rated Class F insulation system per NEMA MG1 Part 31 utilizing Class H Varnish and Magnet wire
- Stainless Steel Nameplate includes Weight, Division 2, and lubrication information
- IEEE 841 Test report with Vibration data included in the conduit box

# API 661

### Features that make a difference:

- Low Vibration design  
.04 in/sec (1/2 IEEE 841 Spec)
- Vertical lifting capability
- Highest Service Factor in the industry  
1.25SF on <125HP
- Automatic Drains at lowest point
- Bearings meet IP56
- Epoxy Paint system exceeds 250Hrs Salt spray per ASTM B117
- Meets IEEE standard 841



## TEFC - Foot Mount

| HP  | kW   | RPM  | Frame  | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|--------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------|
| 5   | 3.7  | 1800 | 182/4T | <a href="#">00518ST3QAP184T-W22</a> | \$1,371    | I1           | 115                           | 1.25           | 6.45           | 89.5       | 15.860             | 460         |       |
| 7.5 | 5.5  | 1800 | 213/5T | <a href="#">00718ST3QAP213T-W22</a> | \$1,870    | I1           | 185                           | 1.25           | 9.18           | 91.7       | 19.517             | 460         |       |
| 10  | 7.5  | 1800 | 213/5T | <a href="#">01018ST3QAP215T-W22</a> | \$1,962    | I1           | 188                           | 1.25           | 12.4           | 91.7       | 19.517             | 460         | 14    |
| 15  | 11   | 1800 | 254/6T | <a href="#">01518ST3QAP254T-W22</a> | \$2,524    | I1           | 341                           | 1.25           | 18.0           | 92.4       | 24.945             | 460         | 14    |
| 20  | 11   | 1800 | 254/6T | <a href="#">02018ST3QAP256T-W22</a> | \$2,881    | I1           | 385                           | 1.25           | 24.1           | 93.0       | 24.945             | 460         | 14    |
| 25  | 18.5 | 1800 | 284/6T | <a href="#">02518ST3QAP284T-W22</a> | \$3,236    | I1           | 448                           | 1.25           | 29.5           | 93.6       | 27.929             | 460         | 14    |
| 30  | 22   | 1800 | 284/6T | <a href="#">03018ST3QAP286T-W22</a> | \$3,824    | I1           | 454                           | 1.25           | 35.1           | 93.6       | 27.929             | 460         | 14    |
| 40  | 30   | 1800 | 324/6T | <a href="#">04018ST3QAP324T-W22</a> | \$5,095    | I1           | 590                           | 1.25           | 47.1           | 94.1       | 31.116             | 460         | 14    |
| 50  | 37   | 1800 | 324/6T | <a href="#">05018ST3QAP326T-W22</a> | \$5,617    | I1           | 610                           | 1.25           | 59.2           | 94.5       | 31.116             | 460         | 14    |
| 60  | 45   | 1800 | 364/5T | <a href="#">06018ST3QAP364T-W22</a> | \$8,535    | I1           | 957                           | 1.25           | 68.3           | 95.0       | 34.251             | 460         | 14    |
| 75  | 55   | 1800 | 364/5T | <a href="#">07518ST3QAP365T-W22</a> | \$9,772    | I1           | 996                           | 1.25           | 84.1           | 95.4       | 34.251             | 460         | 14    |

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# Severe Duty – Three-Phase Motors

## CRUSHER DUTY

### TEFC - NEMA Premium®

Designed for the most demanding crusher applications. These motors are designed for horizontal and vertical mounting and have exceptional high starting and breakdown torques.

WEG's W22 cast iron platform has a superior cooling system and solid feet for cool operation and low vibration and noise, extending the life of the motor.



### Features that make a difference:

- Special Lead Protection
- Oversized Roller bearings
- Versatile starting methods - capable of wye/delta, across the line start (12 leads)
- NPT Threaded terminal box

### \*Inverter Rated: Meets MG 1 Part 31

**1000:1 for variable torque**  
**6:1 for constant torque**

*\* Insulated housing standard on L447/9T and above*

### Standard Features:

- 50/60 Hz rated (380V on Nameplate - 400/415 available)
- Rated 50Hz at same Horsepower up to 250HP 1.0 Service Factor for 2, 4 & 6 Pole motors
- Class F insulation (Impregnation Resin and Magnet wire are class H)
- NEMA design A. All ratings exceed NEMA design C torque
- F1 Mounted (F2 convertible). Frames 447T and up can easily be F2 converted by simply rotating the terminal box adapter
- Stainless Steel Nameplate - Laser etched with high contrast background
- Gasketed conduit box
- Regreasable bearings
- Largest diameter shafts ("Z" frames) for the highest load ratings in the industry
- Labyrinth seal on both ends - 580Z and 586/7T
- Class I, Div. 2, Groups A, B, C & D – T3, Class II, Div 2, Groups F & G – T3C





# Severe Duty - Three-Phase Motors

CRUSHER DUTY

## TEFC - Foot Mount

| HP  | kW  | RPM  | Frame  | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes       |
|-----|-----|------|--------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------------|
| 50  | 37  | 900  | 404/5T | <a href="#">05009ET3EKD404T-W22</a>  | \$17,648   | K1           | 1483                          | 1.25           | 60.0           | 93.0       | 39.730             | 230/460     | 14          |
| 60  | 45  | 1200 | 404/5T | <a href="#">06012ET3ERB404T-W22</a>  | \$10,497   | N1           | 1262                          | 1.25           | 69.5           | 94.5       | 39.730             | 230/460     | 14          |
|     |     | 900  | 404/5T | <a href="#">06009ET3EKD405T-W22</a>  | \$20,443   | K1           | 1273                          | 1.15           | 73.0           | 93.0       | 39.730             | 230/460     | 14          |
| 75  | 55  | 1200 | 404/5T | <a href="#">07512ET3ERB405T-W22</a>  | \$12,058   | N1           | 1262                          | 1.25           | 84.9           | 94.5       | 39.730             | 230/460     | 14          |
|     |     | 1200 | 404/5T | <a href="#">07512ET3GRB405T-W22</a>  | \$12,058   | N1           | 1309                          | 1.25           | 84.9           | 94.5       | 39.730             | 460         | 14          |
|     |     | 900  | 444/5T | <a href="#">07509ET3GKD444T-W22</a>  | \$23,334   | K1           | 2143                          | 1.25           | 93.0           | 93.6       | 45.157             | 460         | 14          |
|     |     | 900  | 444/5T | <a href="#">07509ET3QRB444TF2-W2</a> | \$23,334   | N1           | 1707                          | 1.25           | 93.0           | 93.6       | 45.157             | 460         | 14;51       |
| 100 | 75  | 1800 | 404/5T | <a href="#">10018ET3ERB405T-W22</a>  | \$11,689   | N1           | 1239                          | 1.25           | 111            | 95.4       | 39.730             | 230/460     | 14          |
|     |     | 1800 | 404/5T | <a href="#">10018ET3GRB405T-W22</a>  | \$11,689   | N1           | 1199                          | 1.25           | 111            | 95.4       | 39.730             | 460         | 14          |
|     |     | 1800 | 404/5T | <a href="#">10018ET3HRB405T-W22</a>  | \$11,689   | N1           | 1294                          | 1.25           | 88.8           | 95.4       | 39.730             | 575         | 14          |
|     |     | 1200 | 444/5T | <a href="#">10012ET3ERB444T-W22</a>  | \$15,631   | N1           | 1859                          | 1.25           | 121            | 95.0       | 45.157             | 230/460     | 14          |
|     |     | 1200 | 444/5T | <a href="#">10012ET3GRB444T-W22</a>  | \$15,631   | N1           | 1854                          | 1.25           | 121            | 95.0       | 45.157             | 460         | 14          |
|     |     | 900  | 444/5T | <a href="#">10009ET3GKD445T-W22</a>  | \$26,988   | K1           | 1952                          | 1.25           | 127            | 94.1       | 45.157             | 460         | 14          |
| 125 | 90  | 1800 | 444/5T | <a href="#">12518ET3ERB444T-W22</a>  | \$14,748   | N1           | 1730                          | 1.15           | 139            | 95.4       | 45.157             | 230/460     | 14          |
|     |     | 1800 | 444/5T | <a href="#">12518ET3GRB444T-W22</a>  | \$14,748   | N1           | 1736                          | 1.15           | 139            | 95.4       | 45.157             | 460         | 14          |
|     |     | 1200 | 444/5T | <a href="#">12512ET3ERB445T-W22</a>  | \$17,947   | N1           | 1993                          | 1.15           | 143            | 95.0       | 45.157             | 230/460     | 14          |
|     |     | 1200 | 444/5T | <a href="#">12512ET3GRB445T-W22</a>  | \$17,947   | N1           | 1996                          | 1.15           | 143            | 95.0       | 45.157             | 460         | 14          |
|     |     | 900  | 445/7T | <a href="#">12509ET3GKD447T-W22</a>  | \$28,175   | K1           | 2287                          | 1.15           | 151            | 94.5       | 48.701             | 460         | 14          |
| 150 | 110 | 1800 | 444/5T | <a href="#">15018ET3GRB445T-W22</a>  | \$17,420   | N1           | 1853                          | 1.15           | 170            | 95.8       | 45.157             | 460         | 14          |
|     |     | 1800 | 444/5T | <a href="#">15018ET3HRB445T-W22</a>  | \$17,420   | N1           | 2034                          | 1.15           | 136            | 95.8       | 45.157             | 575         | 14          |
|     |     | 1200 | 445/7T | <a href="#">15012ET3GRB447T-W22</a>  | \$20,639   | N1           | 2371                          | 1.15           | 176            | 95.8       | 48.701             | 460         | 14          |
|     |     | 900  | 445/7T | <a href="#">15009ET3GKD447T-W22</a>  | \$30,677   | K1           | 2457                          | 1.15           | 185            | 94.5       | 48.701             | 460         | 14;19       |
| 200 | 150 | 1800 | 445/7T | <a href="#">20018ET3GRB447T-W22</a>  | \$21,098   | N1           | 2209                          | 1.15           | 230            | 96.2       | 48.701             | 460         | 14          |
|     |     | 1800 | 445/7T | <a href="#">20018ET3HRB447T-W22</a>  | \$21,098   | N1           | 1850                          | 1.15           | 184            | 96.2       | 48.701             | 575         | 14          |
|     |     | 1200 | 445/7T | <a href="#">20012ET3GRB447T-W22</a>  | \$25,133   | N1           | 2588                          | 1.15           | 237            | 95.8       | 48.701             | 460         | 14          |
|     |     | 1200 | 447/9T | <a href="#">20012ET3GRB449T-W22</a>  | \$25,255   | N1           | 2940                          | 1.15           | 237            | 95.8       | 56.338             | 460         | 14          |
|     |     | 1200 | 504/5Z | <a href="#">20012ET3GKD505Z-W22</a>  | \$25,133   | K1           | 2841                          | 1.15           | 244            | 95.4       | 55.090             | 460         | 14;18;43    |
|     |     | 1200 | 504/5Z | <a href="#">20012ET3HKD505Z-W22</a>  | \$25,133   | K1           | 2861                          | 1.15           | 197            | 95.8       | 55.090             | 575         | 14;18;43    |
|     |     | 900  | 447/9T | <a href="#">20009ET3GKD449T-W22</a>  | \$49,899   | K1           | 3268                          | 1.15           | 254            | 95.0       | 56.338             | 460         | 14          |
| 250 | 185 | 1800 | 445/7T | <a href="#">25018ET3GKD447T-W22</a>  | \$26,716   | K1           | 2993                          | 1.15           | 281            | 96.2       | 48.701             | 460         | 14          |
|     |     | 1800 | 445/7T | <a href="#">25018ET3GRB447T-W22</a>  | \$26,716   | N1           | 2554                          | 1.15           | 281            | 96.2       | 48.701             | 460         | 14          |
|     |     | 1800 | 445/7T | <a href="#">25018ET3HRB447T-W22</a>  | \$26,716   | N1           | 2414                          | 1.15           | 225            | 96.2       | 48.701             | 575         | 14;51       |
|     |     | 1800 | 447/9T | <a href="#">25018ET3GRB449T-W22</a>  | \$26,803   | N1           | 2815                          | 1.15           | 281            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1800 | 504/5Z | <a href="#">25018ET3GKD505Z-W22</a>  | \$26,716   | K1           | 2818                          | 1.15           | 277            | 96.2       | 55.090             | 460         | 14;18;43    |
|     |     | 1200 | 447/9T | <a href="#">25012ET3GKD449T-W22</a>  | \$35,555   | K1           | 3224                          | 1.15           | 292            | 95.8       | 56.338             | 460         | 14          |
|     |     | 1200 | 447/9T | <a href="#">25012ET3GRB449T-W22</a>  | \$35,555   | N1           | 3224                          | 1.15           | 292            | 95.8       | 56.338             | 460         | 14          |
|     |     | 1200 | 586/7Z | <a href="#">25012ET3GKD580Z-W22</a>  | \$39,631   | K1           | 3817                          | 1.15           | 299            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1200 | 586/7Z | <a href="#">25012ET3HKD580Z-W22</a>  | \$39,631   | K1           | 4636                          | 1.15           | 239            | 95.8       | 61.902             | 575         | 14;18;43;51 |
|     |     | 900  | 586/7T | <a href="#">25009ET3GKD586/7-W22</a> | \$56,168   | K1           | 5128                          | 1.15           | 299            | 95.8       | 61.902             | 460         | 14;43       |

continued on next page

Severe Duty -  
Three-Phase  
Motors

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## CRUSHER DUTY

### TEFC - Foot Mount - *continued*

| HP  | kW  | RPM  | Frame   | Catalog Number                       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes       |
|-----|-----|------|---------|--------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------------|
| 300 | 220 | 1800 | 447/9T  | <a href="#">30018ET3GKD449T-W22</a>  | \$31,384   | K1           | 3030                          | 1.15           | 330            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1800 | 447/9T  | <a href="#">30018ET3GRB449T-W22</a>  | \$31,384   | N1           | 2992                          | 1.15           | 330            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1800 | 586/7Z  | <a href="#">30018ET3GKD580Z-W22</a>  | \$39,112   | K1           | 3552                          | 1.15           | 351            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1800 | 586/7Z  | <a href="#">30018ET3HKD580Z-W22</a>  | \$39,112   | K1           | 4326                          | 1.15           | 281            | 95.8       | 61.902             | 575         | 14;18;43    |
|     |     | 1200 | 447/9T  | <a href="#">30012ET3GKD449T-W22</a>  | \$38,437   | K1           | 3313                          | 1.00           | 356            | 95.8       | 56.338             | 460         | 14          |
|     |     | 1200 | 586/7T  | <a href="#">30012ET3GKD586/7-W22</a> | \$44,301   | K1           | 4081                          | 1.15           | 356            | 95.8       | 61.902             | 460         | 14;43       |
|     |     | 1200 | 586/7Z  | <a href="#">30012ET3GKD580Z-W22</a>  | \$44,301   | K1           | 4109                          | 1.15           | 356            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1200 | 586/7Z  | <a href="#">30012ET3HKD580Z-W22</a>  | \$44,301   | K1           | 4936                          | 1.15           | 307            | 95.8       | 61.902             | 575         | 14;18;43    |
|     |     | 900  | 586/7T  | <a href="#">30009ET3GKD586/7-W22</a> | \$58,655   | K1           | 5696                          | 1.15           | 356            | 95.8       | 61.902             | 460         | 14;43       |
| 350 | 260 | 1800 | 447/9T  | <a href="#">35018ET3GKD449T-W22</a>  | \$36,517   | K1           | 3258                          | 1.15           | 394            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1800 | 447/9T  | <a href="#">35018ET3GRB449T-W22</a>  | \$36,517   | N1           | 2941                          | 1.15           | 394            | 96.2       | 56.338             | 460         | 14          |
|     |     | 1800 | 586/7Z  | <a href="#">35018ET3GKD580Z-W22</a>  | \$41,230   | K1           | 3577                          | 1.15           | 415            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1800 | 586/7Z  | <a href="#">35018ET3HKD580Z-W22</a>  | \$41,230   | K1           | 4572                          | 1.15           | 327            | 96.2       | 61.902             | 575         | 14;18;43    |
|     |     | 1200 | L447/9T | <a href="#">35012ET3GRB449T-W22</a>  | \$47,633   | N1           | 3800                          | 1.15           | 415            | 95.8       | 57.181             | 460         | 14;19;37;43 |
|     |     | 1200 | 586/7Z  | <a href="#">35012ET3GKD580Z-W22</a>  | \$50,250   | K1           | 4401                          | 1.15           | 421            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1200 | 586/7T  | <a href="#">35012ET3GKD586/7-W22</a> | \$50,250   | K1           | 4373                          | 1.15           | 421            | 95.8       | 61.902             | 460         | 14;43       |
|     |     | 900  | 586/7T  | <a href="#">35009ET3GKD586/7-W22</a> | \$64,873   | K1           | 4797                          | 1.00           | 426            | 95.8       | 61.902             | 460         | 1;14;43     |
| 400 | 300 | 1800 | L447/9T | <a href="#">40018ET3GRB449T-W22</a>  | \$43,805   | N1           | 3404                          | 1.15           | 445            | 96.2       | 57.181             | 460         | 14;43       |
|     |     | 1800 | 586/7Z  | <a href="#">40018ET3GKD580Z-W22</a>  | \$45,805   | K1           | 4052                          | 1.15           | 466            | 96.2       | 61.902             | 460         | 14;18;43    |
|     |     | 1800 | 586/7Z  | <a href="#">40018ET3HKD580Z-W22</a>  | \$45,805   | K1           | 3692                          | 1.15           | 364            | 96.2       | 61.902             | 575         | 14;18;43    |
|     |     | 1200 | L447/9T | <a href="#">40012ET3GRB449T-W22</a>  | \$52,307   | N1           | 3827                          | 1.00           | 477            | 95.8       | 57.181             | 460         | 14;19;37;43 |
|     |     | 1200 | 586/7T  | <a href="#">40012ET3GKD586/7-W22</a> | \$56,201   | K1           | 4699                          | 1.15           | 483            | 96.2       | 61.902             | 460         | 14;43       |
|     |     | 1200 | 586/7Z  | <a href="#">40012ET3GKD580Z-W22</a>  | \$58,210   | K1           | 4572                          | 1.15           | 483            | 96.2       | 61.902             | 460         | 14;18;43    |
|     |     | 1200 | 586/7Z  | <a href="#">40012ET3HKD580Z-W22</a>  | \$58,210   | K1           | 5513                          | 1.15           | 386            | 96.2       | 61.902             | 575         | 14;18;43    |
| 450 | 330 | 1800 | L447/9T | <a href="#">45018ET3GRB449T-W22</a>  | \$48,010   | N1           | 3657                          | 1.15           | 501            | 96.2       | 57.181             | 460         | 14;43       |
|     |     | 1800 | 586/7Z  | <a href="#">45018ET3GKD580Z-W22</a>  | \$48,053   | K1           | 4277                          | 1.15           | 527            | 95.8       | 61.902             | 460         | 14;18;43    |
|     |     | 1800 | 586/7T  | <a href="#">45018ET3GKD586/7-W22</a> | \$48,053   | K1           | 5416                          | 1.15           | 501            | 96.2       | 61.902             | 460         | 14;43       |
|     |     | 1200 | 586/7Z  | <a href="#">45012ET3GKD580Z-W22</a>  | \$63,251   | K1           | 5724                          | 1.00           | 532            | 96.2       | 61.902             | 460         | 1;14;18;43  |
|     |     | 1200 | 586/7   | <a href="#">45012ET3GRB586/7-W22</a> | \$62,251   | N1           | 5248                          | 1.00           | 532            | 96.2       | 61.902             | 460         | 1;14;43     |
| 500 | 370 | 1800 | L447/9T | <a href="#">50018ET3GRB449T-W22</a>  | \$50,594   | N1           | 5424                          | 1.00           | 561            | 96.2       | 57.181             | 460         | 1;14;19;43  |
|     |     | 1800 | 586/7Z  | <a href="#">50018ET3GKD580Z-W22</a>  | \$51,611   | K1           | 4547                          | 1.00           | 575            | 96.2       | 61.902             | 460         | 1;14;18;43  |
|     |     | 1200 | 586/7Z  | <a href="#">50012ET3GKD580Z-W22</a>  | \$65,962   | K1           | 5024                          | 1.00           | 603            | 96.2       | 61.902             | 460         | 1;14;18;43  |

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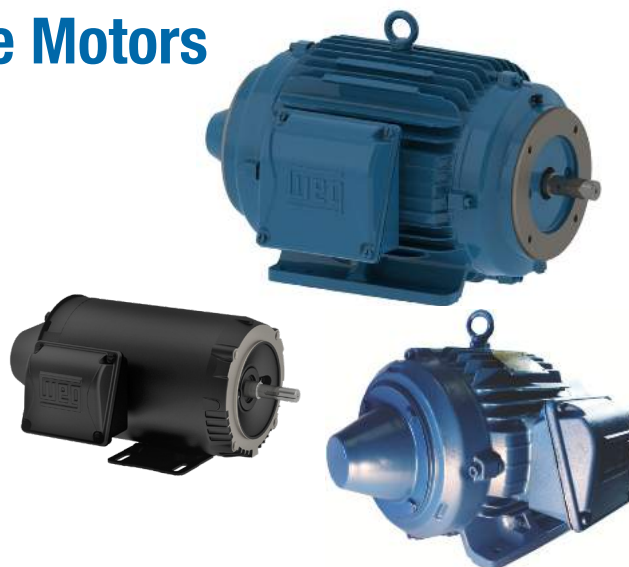
# Severe Duty – Three-Phase Motors

## VECTOR DUTY MOTORS

### TENV - Three-Phase - Foot Mount - Double C-Face

Designed specifically for inverter operation for applications requiring 1000:1 constant torque turndown ratio

- Class H insulation with Spike resistant Magnet wire and Class F Rise
- NEMA design B
- F1 Mounted (F2 convertible)
- Stainless Steel Nameplate - Laser etched with high contrast background
- Gasketed conduit box



Severe Duty - Three-Phase Motors

#### Features that make a difference:

- Constant torque operation from 0 to base speed (1000:1) on PWM Vector Drive
- Constant Horsepower operation up to 150% base speed
- Ready for encoder mount
- With thermostats (1 per phase)
- Special nameplate data for easy drive set-up
- Ready for C-face brake, limited to 10 lb-ft braking torque

**Inverter Rated:  
1000 : 1 for constant torque**

### TENV - Foot Mount - Double C-Face

| HP   | kW   | RPM  | Frame   | Catalog Number                       | List Price     | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes    |
|------|------|------|---------|--------------------------------------|----------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|----------|
| 0.5  | 0.37 | 1800 | 56      | <a href="#">.5018NT3FVD56C-S</a>     | <b>599</b>     | F1           | 28                            | 1.0            | 1.0            | 78.5       | 10.803             | 230/460     | 17       |
| 0.75 | 0.55 | 1800 | 56      | <a href="#">.7518NT3FVD56C-S</a>     | <b>636</b>     | F1           | 31                            | 1.0            | 1.3            | 81.5       | 11.197             | 230/460     | 17       |
| 1    | 0.75 | 1800 | 56      | <a href="#">00118NT3FVD56C-S</a>     | <b>681</b>     | F1           | 38                            | 1.0            | 1.5            | 85.5       | 14.788             | 230/460     | 17       |
| 1    | 0.75 | 1800 | 143/5TC | <a href="#">00118NT3FVD143TC-W22</a> | <b>\$697</b>   | D1           | 51                            | 1.00           | 1.41           | 85.5       | 14.678             | 230/460     | 17;19    |
| 1.5  | 1.1  | 1800 | 143/5TC | <a href="#">00158NT3FVD145TC-W22</a> | <b>\$705</b>   | D1           | 60                            | 1.00           | 2.00           | 86.5       | 14.678             | 230/460     | 17;19    |
| 2    | 1.5  | 1800 | 143/5TC | <a href="#">00218NT3FVD145TC-W22</a> | <b>\$928</b>   | D1           | 62                            | 1.00           | 2.65           | 86.5       | 14.678             | 230/460     | 17;19    |
| 3    | 2.2  | 1800 | 182/4TC | <a href="#">00318NT3FVD182TC-W22</a> | <b>\$1,150</b> | D1           | 107                           | 1.00           | 3.91           | 89.5       | 16.569             | 230/460     | 17;19    |
| 5    | 3.7  | 1800 | 182/4TC | <a href="#">00518NT3FVD184TC-W22</a> | <b>\$1,373</b> | D1           | 116                           | 1.00           | 7.11           | 89.5       | 16.569             | 230/460     | 17;19;37 |
| 7.5  | 5.5  | 1800 | 213/5TC | <a href="#">00718NT3FVD213TC-W22</a> | <b>\$1,803</b> | D1           | 173                           | 1.00           | 9.07           | 91.7       | 20.041             | 230/460     | 17;19    |
| 10   | 7.5  | 1800 | 213/5TC | <a href="#">01018NT3FVD215TC-W22</a> | <b>\$2,157</b> | D1           | 207                           | 1.00           | 13.3           | 91.7       | 20.041             | 230/460     | 17;19;37 |
| 15   | 11   | 1800 | 254/6TC | <a href="#">01518NT3FVD254TC-W22</a> | <b>\$2,567</b> | D1           | 365                           | 1.00           | 19.4           | 92.4       | 25.569             | 230/460     | 17;19    |
| 20   | 15   | 1800 | 254/6TC | <a href="#">02018NT3FVD256TC-W22</a> | <b>\$3,747</b> | D1           | 398                           | 1.00           | 26.6           | 93.0       | 25.569             | 230/460     | 17;19;37 |

Note: Flanged motors on Cast Iron frame sizes 143/5 to 254/6 have non-NEMA BA dimension. Refer to mechanical section of this catalog for details.

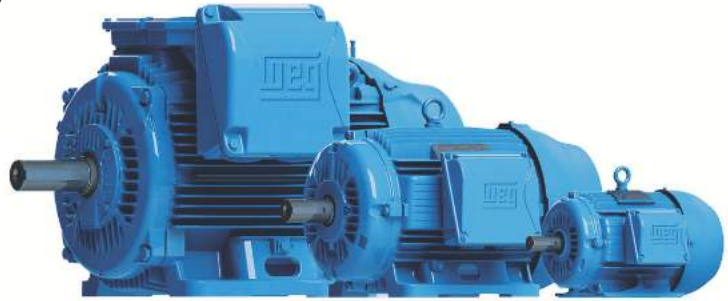


# Severe Duty – Three-Phase Motors

IEC TRU-METRIC™ - Three Phase

## TEFC

This line is designed and built according to IEC Standards 60034 and 60072.



### Standard Features:

- 60 Hz (1.25 Service Factor) and 50 Hz (1.0 Service Factor)
- Class F insulation (Impregnation Resin and Magnet wire are class H)
- F2 mounted as standard (F1 convertible)
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 160 and up)
- Gasketed conduit box
- Class I, Div. 2, Groups A, B, C & D – T3, Class II, Div 2, Groups F & G – T3C (Cast Iron Frames only)
- Suitable for WYE/Delta Start

### Features that make a difference:

- 1.25 Service Factor for 60 Hz operation (IE3)
- Optimized ventilation system for cooler operation and low noise levels
- Solid base for lower vibration levels (Cast Iron Frames)
- Frames 225 and up can easily be F1 (B3L) converted by simply rotating the terminal box adapter or F3 by removing it
- Terminal blocks

#### **\*Inverter Rated (IE3):**

**1000:1 for variable torque**

**12:1 for constant torque**

*\* Insulated NDE housing standard on 315L and above.*







# Severe Duty - Three-Phase Motors

IEC TRU-METRIC™

## TEFC - Foot Mount - IE3

| HP  | kW   | RPM        | Frame  | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V)          | Notes |
|-----|------|------------|--------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|----------------------|-------|
| 5.5 | 4    | 900//750   | 160M   | <a href="#">00409ET3Y160M-W22</a>   | \$1,947    | T1           | 299                           | 1.25           | 8.17           | 86.5       | 23.543             | 460//380-415/660-690 | 7     |
| 7.5 | 5.5  | 1200//1000 | 132M/L | <a href="#">00512ET3Y132M/L-W22</a> | \$1,760    | T1           | 206                           | 1.25           | 10.8           | 91.0       | 20.276             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 160M   | <a href="#">00509ET3Y160M-W22</a>   | \$2,244    | T1           | 306                           | 1.25           | 11.1           | 87.5       | 23.543             | 460//380-415/660-690 | 7     |
| 10  | 7.5  | 1200//1000 | 160M   | <a href="#">00712ET3Y160M-W22</a>   | \$2,306    | T1           | 306                           | 1.25           | 13.1           | 91.0       | 23.543             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 160L   | <a href="#">00709ET3Y160L-W22</a>   | \$2,774    | T1           | 352                           | 1.25           | 15.2           | 88.5       | 25.276             | 460//380-415/660-690 | 7     |
| 15  | 11   | 3600//3000 | 160M   | <a href="#">01136ET3Y160M-W22</a>   | \$2,102    | T1           | 304                           | 1.25           | 17.9           | 91.7       | 23.543             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 160M   | <a href="#">01118ET3Y160M-W22</a>   | \$1,726    | T1           | 321                           | 1.25           | 18.2           | 92.4       | 23.543             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 160L   | <a href="#">01112ET3Y160L-W22</a>   | \$3,160    | T1           | 354                           | 1.25           | 18.8           | 91.7       | 25.276             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 180L   | <a href="#">01109ET3Y180L-W22</a>   | \$4,031    | T1           | 419                           | 1.25           | 19.5           | 89.5       | 27.638             | 460//380-415/660-690 | 7     |
| 20  | 15   | 3600//3000 | 160M   | <a href="#">01536ET3Y160M-W22</a>   | \$2,413    | T1           | 320                           | 1.25           | 24.4           | 91.7       | 23.543             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 160L   | <a href="#">01518ET3Y160L-W22</a>   | \$2,118    | T1           | 375                           | 1.25           | 250            | 93.0       | 25.276             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 180L   | <a href="#">01512ET3Y180L-W22</a>   | \$3,884    | T1           | 447                           | 1.25           | 24.7           | 91.7       | 27.638             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 200L   | <a href="#">01509ET3Y200L-W22</a>   | \$5,158    | T1           | 517                           | 1.25           | 28.0           | 91.0       | 30.197             | 460//380-415/660-690 | 7     |
| 25  | 18.5 | 3600//3000 | 160L   | <a href="#">01836ET3Y160L-W22</a>   | \$2,925    | T1           | 353                           | 1.25           | 29.9           | 92.4       | 25.276             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 180M   | <a href="#">01818ET3Y180M-W22</a>   | \$2,689    | T1           | 436                           | 1.25           | 30.6           | 93.6       | 26.142             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 200L   | <a href="#">01812ET3Y200L-W22</a>   | \$4,886    | T1           | 552                           | 1.25           | 30.8           | 93.0       | 30.197             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 225S/M | <a href="#">01809ET3Y225S/M-W22</a> | \$5,902    | T1           | 830                           | 1.25           | 31.6           | 93.0       | 34.882             | 460//380-415/660-690 | 7     |
| 30  | 22   | 3600//3000 | 180M   | <a href="#">02236ET3Y180M-W22</a>   | \$3,492    | T1           | 424                           | 1.25           | 34.7           | 92.4       | 26.142             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 180L   | <a href="#">02218ET3Y180L-W22</a>   | \$3,225    | T1           | 457                           | 1.25           | 36.0           | 93.6       | 27.638             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 200L   | <a href="#">02212ET3Y200L-W22</a>   | \$4,924    | T1           | 601                           | 1.25           | 37.1           | 93.0       | 30.197             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 225S/M | <a href="#">02209ET3Y225S/M-W22</a> | \$7,506    | T1           | 885                           | 1.25           | 37.6           | 93.0       | 34.882             | 460//380-415/660-690 | 7     |
| 40  | 30   | 3600//3000 | 200L   | <a href="#">03036ET3Y200L-W22</a>   | \$4,877    | T1           | 575                           | 1.25           | 47.1           | 93.0       | 30.197             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 200L   | <a href="#">03018ET3Y200L-W22</a>   | \$4,312    | T1           | 580                           | 1.25           | 49.4           | 94.1       | 30.197             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 225S/M | <a href="#">03012ET3Y225S/M-W22</a> | \$7,689    | T1           | 1055                          | 1.25           | 47.6           | 94.1       | 34.882             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 250S/M | <a href="#">03009ET3Y250S/M-W22</a> | \$8,858    | T1           | 1078                          | 1.25           | 50.9           | 93.6       | 37.992             | 460//380-415/660-690 | 7     |
| 50  | 37   | 3600//3000 | 200L   | <a href="#">03736ET3Y200L-W22</a>   | \$5,487    | T1           | 587                           | 1.25           | 61.3           | 93.6       | 30.197             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 225S/M | <a href="#">03718ET3Y225S/M-W22</a> | \$6,984    | T1           | 1041                          | 1.25           | 58.5           | 94.5       | 34.882             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 250S/M | <a href="#">03712ET3Y250S/M-W22</a> | \$9,947    | T1           | 1266                          | 1.25           | 58.8           | 94.1       | 37.992             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 280S/M | <a href="#">03709ET3Y280S/M-W22</a> | \$11,751   | T1           | 1481                          | 1.25           | 64.1           | 94.1       | 42.165             | 460//380-415/660-690 | 7     |
| 60  | 45   | 3600//3000 | 225S/M | <a href="#">04536ET3Y225S/M-W22</a> | \$7,961    | T1           | 1053                          | 1.25           | 66.7           | 94.1       | 33.701             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 225S/M | <a href="#">04518ET3Y225S/M-W22</a> | \$7,391    | T1           | 1022                          | 1.25           | 69.9           | 950        | 34.882             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 280S/M | <a href="#">04512ET3Y280S/M-W22</a> | \$11,023   | T1           | 1681                          | 1.25           | 74.7           | 94.5       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 280S/M | <a href="#">04509ET3Y280S/M-W22</a> | \$12,815   | T1           | 1631                          | 1.25           | 77.0           | 94.1       | 42.165             | 460//380-415/660-690 | 7     |
| 75  | 55   | 3600//3000 | 250S/M | <a href="#">05536ET3Y250S/M-W22</a> | \$9,847    | T1           | 1259                          | 1.25           | 80.3           | 94.5       | 37.992             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 250S/M | <a href="#">05518ET3Y250S/M-W22</a> | \$8,961    | T1           | 1206                          | 1.25           | 85.1           | 95.4       | 37.992             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 280S/M | <a href="#">05512ET3Y280S/M-W22</a> | \$13,622   | T1           | 1794                          | 1.25           | 90.2           | 94.5       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 315S/M | <a href="#">05509ET3Y315S/M-W22</a> | \$15,379   | T1           | 2436                          | 1.25           | 93.7           | 94.5       | 50.157             | 460//380-415/660-690 | 7     |
| 100 | 75   | 3600//3000 | 280S/M | <a href="#">07536ET3Y280S/M-W22</a> | \$12,472   | T1           | 1776                          | 1.25           | 111            | 94.5       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 280S/M | <a href="#">07518ET3Y280S/M-W22</a> | \$12,353   | T1           | 1738                          | 1.25           | 116            | 95.4       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 315S/M | <a href="#">07512ET3Y315S/M-W22</a> | \$16,479   | T1           | 2399                          | 1.25           | 122            | 95.0       | 50.157             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 315S/M | <a href="#">07509ET3Y315S/M-W22</a> | \$18,647   | T1           | 2701                          | 1.25           | 127            | 95.0       | 50.157             | 460//380-415/660-690 | 7     |
| 125 | 90   | 3600//3000 | 280S/M | <a href="#">09036ET3Y280S/M-W22</a> | \$16,720   | T1           | 1862                          | 1.25           | 132            | 95.0       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 1800//1500 | 280S/M | <a href="#">09018ET3Y280S/M-W22</a> | \$15,220   | T1           | 1835                          | 1.25           | 139            | 95.4       | 42.165             | 460//380-415/660-690 | 7     |
|     |      | 1200//1000 | 315S/M | <a href="#">09012ET3Y315S/M-W22</a> | \$19,448   | T1           | 2601                          | 1.25           | 146            | 95.4       | 50.157             | 460//380-415/660-690 | 7     |
|     |      | 900//750   | 315S/M | <a href="#">09009ET3Y315S/M-W22</a> | \$21,288   | T1           | 2884                          | 1.25           | 152            | 95.0       | 50.157             | 460//380-415/660-690 | 7     |

continued on next page

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit [http:// www.weg.net](http://www.weg.net)

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Severe Duty -  
Three-Phase  
Motors

# Severe Duty - Three-Phase Motors



IEC TRU-METRIC™

IEC TRU-METRIC™

## TEFC - Foot Mount - IE3 - *continued*

Severe Duty -  
Three-Phase  
Motors

| HP  | kW  | RPM       | Frame  | Catalog Number                      | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V)         | Notes   |
|-----|-----|-----------|--------|-------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|---------------------|---------|
| 150 | 110 | 3600/3000 | 315S/M | <a href="#">11036ET3Y315S/M-W22</a> | \$21,018   | T1           | 2382                          | 1.25           | 163            | 95.0       | 48.976             | 460/380-415/660-690 | 7       |
|     |     | 1800/1500 | 280S/M | <a href="#">11018ET3Y280S/M-W22</a> | \$17,078   | T1           | 2210                          | 1.25           | 170            | 95.8       | 42.165             | 460/380-415/660-690 | 7       |
|     |     | 1200/1000 | 315S/M | <a href="#">11012ET3Y315S/M-W22</a> | \$22,507   | T1           | 2730                          | 1.25           | 178            | 95.8       | 50.157             | 460/380-415/660-690 | 7       |
|     |     | 900/750   | 315L   | <a href="#">11009ET3Y315L-W22</a>   | \$27,910   | T1           | 3008                          | 1.25           | 186            | 95.4       | 54.685             | 460/380-415/660-690 | 7;43    |
| 175 | 132 | 3600/3000 | 315S/M | <a href="#">13236ET3Y315S/M-W22</a> | \$23,180   | T1           | 2662                          | 1.25           | 193            | 95.4       | 48.976             | 460/380-415/660-690 | 7       |
|     |     | 1800/1500 | 315S/M | <a href="#">13218ET3Y315S/M-W22</a> | \$19,732   | T1           | 2540                          | 1.25           | 203            | 96.2       | 50.157             | 460/380-415/660-690 | 7       |
|     |     | 1200/1000 | 315S/M | <a href="#">13212ET3Y315S/M-W22</a> | \$25,642   | T1           | 3031                          | 1.25           | 214            | 95.8       | 50.157             | 460/380-415/660-690 | 7       |
|     |     | 900/750   | 315L   | <a href="#">13209ET3Y315L-W22</a>   | \$33,687   | T1           | 3796                          | 1.25           | 223            | 95.4       | 54.685             | 460/380-415/660-690 | 7;43    |
| 200 | 150 | 3600/3000 | 315S/M | <a href="#">15036ET3Y315S/M-W22</a> | \$26,249   | T1           | 2682                          | 1.25           | 219            | 95.4       | 48.976             | 460/380-415/660-690 | 7       |
|     |     | 1800/1500 | 315S/M | <a href="#">15018ET3Y315S/M-W22</a> | \$21,772   | T1           | 2784                          | 1.25           | 228            | 96.2       | 50.157             | 460/380-415/660-690 | 7       |
|     |     | 1200/1000 | 315L   | <a href="#">15012ET3Y315L-W22</a>   | \$28,298   | T1           | 3557                          | 1.15           | 240            | 95.8       | 54.685             | 460/380-415/660-690 | 7;43    |
| 250 | 185 | 3600/3000 | 315S/M | <a href="#">18536ET3Y315S/M-W22</a> | \$26,529   | T1           | 2900                          | 1.25           | 269            | 95.8       | 48.976             | 460/380-415/660-690 | 7       |
|     |     | 1800/1500 | 315S/M | <a href="#">18518ET3Y315S/M-W22</a> | \$26,247   | T1           | 2948                          | 1.25           | 284            | 96.2       | 50.157             | 460/380-415/660-690 | 7       |
|     |     | 1200/1000 | 355M/L | <a href="#">18512ET3Y355M/L-W22</a> | \$43,876   | T1           | 3666                          | 1.15           | 311            | 95.8       | 58.346             | 460/380-415/660-690 | 7       |
| 300 | 220 | 3600/3000 | 315L   | <a href="#">22036ET3Y315L-W22</a>   | \$44,212   | T1           | 3468                          | 1.25           | 315            | 96.2       | 53.268             | 460/380-415/660-690 | 7;43    |
|     |     | 1800/1500 | 315L   | <a href="#">22018ET3Y315L-W22</a>   | \$36,234   | T1           | 3113                          | 1.25           | 338            | 96.2       | 54.685             | 460/380-415/660-690 | 7;43    |
|     |     | 1200/1000 | 355M/L | <a href="#">22012ET3Y355M/L-W22</a> | \$46,322   | T1           | 4507                          | 1.15           | 370            | 95.8       | 58.346             | 460/380-415/660-690 | 7;43    |
| 350 | 260 | 3600/3000 | 355M/L | <a href="#">26036ET3Y355M/L-W22</a> | \$50,637   | T1           | 4975                          | 1.15           | 373            | 96.2       | 55.591             | 460/380-415/660-690 | 7;43;51 |
|     |     | 1800/1500 | 355M/L | <a href="#">26018ET3Y355M/L-W22</a> | \$43,761   | T1           | 4218                          | 1.15           | 399            | 96.2       | 58.346             | 460/380-415/660-690 | 7;43    |
|     |     | 1200/1000 | 355M/L | <a href="#">26012ET3Y355M/L-W22</a> | \$53,001   | T1           | 5075                          | 1.15           | 436            | 95.9       | 58.346             | 460/380-415/660-690 | 7;43    |
| 400 | 300 | 3600/3000 | 355M/L | <a href="#">30036ET3Y355M/L-W22</a> | \$66,321   | T1           | 4034                          | 1.15           | 315            | 96.2       | 55.591             | 460/380-415/660-690 | 7;43    |
|     |     | 1800/1500 | 355M/L | <a href="#">30018ET3Y355M/L-W22</a> | \$60,292   | T1           | 4337                          | 1.00           | 466            | 96.2       | 58.346             | 460/380-415/660-690 | 7;43    |
| 450 | 330 | 1800/1500 | 355M/L | <a href="#">33018ET3Y355M/L-W22</a> | \$64,557   | T1           | 4906                          | 1.15           | 505            | 96.5       | 58.346             | 460/380-415/660-690 | 7;43    |

## TEFC – Foot Mount - FF-Face Motors

| HP   | kW   | RPM       | Frame  | Catalog Number                        | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V)           | Notes |
|------|------|-----------|--------|---------------------------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-----------------------|-------|
| 0.5  | 0.37 | 1800/1500 | 71     | <a href="#">.3718EP3EAL71FF-W22</a>   | \$340      | T1           | 26                            | 1.15           | 1.06           | 73.0       | 9.764              | 230/460/380-415 V     | 2;7   |
| 0.75 | 0.55 | 3600/3000 | 71     | <a href="#">.5536EP3EAL71FF-W22</a>   | \$366      | T1           | 23                            | 1.15           | 1.14           | 76.0       | 9.764              | 230/460/380-415 V     | 2;7   |
|      |      | 1800/1500 | 80     | <a href="#">.5518EP3EAL80FF-W22</a>   | \$383      | T1           | 28                            | 1.15           | 1.25           | 77.0       | 10.866             | 230/460/380-415 V     | 2;7   |
| 1    | 0.75 | 1800/1500 | 90S/L  | <a href="#">.7518ET3EAL90S/LFF-W</a>  | \$479      | T1           | 42                            | 1.25           | 1.47           | 85.5       | 12.953             | 230/460/380-415 V     | 2;7   |
|      |      | 1800/1500 | 90S/L  | <a href="#">.7518ET3WAL90S/LFF-W</a>  | \$479      | T1           | 43                            | 1.25           | 1.47           | 85.5       | 12.953             | 460/220-240/380-415 V | 2;7   |
| 2    | 1.5  | 1800/1500 | 90S/L  | <a href="#">00158ET3EAL90LFF-W22</a>  | \$583      | T1           | 49                            | 1.25           | 2.79           | 86.5       | 12.953             | 208-230/460/380-415 V | 2;7   |
|      |      | 1800/1500 | 90L    | <a href="#">00158ET3WAL90LFF-W22</a>  | \$583      | T1           | 51                            | 1.25           | 2.79           | 86.5       | 12.953             | 460/220-240/380-415 V |       |
|      |      | 1200/1000 | 100L   | <a href="#">00152ET3WAL100LFF-W2</a>  | \$882      | T1           | 76                            | 1.25           | 3.04           | 88.5       | 14.803             | 460/220-240/380-415 V | 2;7   |
| 3    | 2.2  | 3600/3000 | 90L    | <a href="#">00236ET3WAL90LFF-W22</a>  | \$815      | T1           | 46                            | 1.25           | 3.85           | 86.5       | 12.953             | 460/220-240/380-415 V |       |
|      |      | 1800/1500 | 100L   | <a href="#">00218ET3EAL100LFF-W2</a>  | \$700      | T1           | 66                            | 1.25           | 4.11           | 89.5       | 14.803             | 230/460/380-415 V     | 2;7   |
|      |      | 1800/1500 | 100L   | <a href="#">00218ET3WAL100LFF-W2</a>  | \$700      | T1           | 68                            | 1.25           | 4.05           | 87.5       | 14.803             | 460/220-240/380-415 V |       |
| 4    | 3    | 1800/1500 | 100L   | <a href="#">00318ET3WAL100LFF-W2</a>  | \$742      | T1           | 77                            | 1.25           | 5.33           | 89.5       | 14.803             | 460/220-240/380-415 V | 2;7   |
| 5.5  | 4    | 3600/3000 | 112M   | <a href="#">00436ET3YAL112MFF-W2</a>  | \$944      | T1           | 86                            | 1.25           | 6.67           | 88.5       | 15.472             | 460/380-415 V         | 2;7   |
|      |      | 1800/1500 | 112M   | <a href="#">00418ET3YAL112MFF-W2</a>  | \$749      | T1           | 93                            | 1.25           | 7.28           | 89.5       | 15.472             | 460/380-415 V         | 2;7   |
|      |      | 1200/1000 | 132M   | <a href="#">00412ET3YAL132MFF-W2</a>  | \$1,333    | T1           | 147                           | 1.25           | 7.90           | 89.5       | 19.291             | 460/380-415 V         | 2;7   |
| 7.5  | 5.5  | 3600/3000 | 132S   | <a href="#">00536ET3YAL132SFF-W2</a>  | \$1,223    | T1           | 135                           | 1.25           | 8.97           | 89.5       | 19.291             | 460/380-415 V         | 39    |
|      |      | 1800/1500 | 132S   | <a href="#">00518ET3YAL132SFF-W2</a>  | \$1,011    | T1           | 142                           | 1.25           | 9.07           | 91.7       | 19.291             | 460/380-415 V         | 2;7   |
| 10   | 7.5  | 3600/3000 | 132S   | <a href="#">00736ET3YAL132SFF-W2</a>  | \$1,371    | T1           | 147                           | 1.25           | 12.3           | 90.2       | 19.291             | 460/380-415 V         | 2;7   |
|      |      | 1800/1500 | 132M   | <a href="#">00718ET3YAL132MFF-W2</a>  | \$1,189    | T1           | 159                           | 1.25           | 12.2           | 91.7       | 19.291             | 460/380-415 V         | 2;7   |
| 15   | 11   | 3600/3000 | 160M   | <a href="#">01136ET3Y160MFF-W22</a>   | \$2,219    | T1           | 304                           | 1.25           | 17.9           | 91.7       | 23.543             | 460/380-415 V         | 7     |
|      |      | 1800/1500 | 160M   | <a href="#">0118ET3Y160MFF-W22</a>    | \$1,843    | T1           | 304                           | 1.25           | 18.2           | 92.4       | 23.543             | 460/380-415 V         | 7     |
| 20   | 15   | 1800/1500 | 160L   | <a href="#">01518ET3Y160LFF-W22</a>   | \$2,235    | T1           | 358                           | 1.25           | 25.0           | 93.0       | 25.276             | 460/380-415 V         | 7     |
| 30   | 22   | 1800/1500 | 180L   | <a href="#">02218ET3Y180LFF-W22</a>   | \$3,361    | T1           | 501                           | 1.25           | 36.0           | 93.6       | 27.638             | 460/380-415 V         | 7     |
| 50   | 37   | 3600/3000 | 200L   | <a href="#">03736ET3Y200LFF-W22</a>   | \$5,789    | T1           | 595                           | 1.25           | 61.3           | 93.6       | 30.197             | 460/380-415 V         | 7;51  |
|      |      | 1800/1500 | 225S/M | <a href="#">03718ET3Y225S/MFF-W22</a> | \$7,774    | T1           | 1058                          | 1.25           | 58.5           | 94.5       | 34.882             | 460/380-415 V         | 7     |

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>

# Explosion Proof Motors

## SINGLE-PHASE

|                           |       |
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## THREE-PHASE

|                           |       |
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# Fractional Explosion Proof Motors



## Features:

- Class F insulation
- 1.0 service factor
- Foot mount motors with and without C-flange
- Class I, Division 1 – Group C & D and Class II, Division 1 – Group E, F & G – T3B
- Thermally Protected
- 24" long leads for remote wiring
- Aluminum endshields
- Not rated for VFD



UL File E312535

## Features that make a difference:

- 50°C ambient temperature rating
- Three-Phase motors also rated for 50Hz
- Unassembled aluminum conduit box included

Please contact your authorized WEG distributor or go to **weg.net** for further information or additional specifications. **1-800-ASK-4WEG**





### Foot Mount

| HP   | kW   | RPM  | Frame | Catalog Number | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes    |
|------|------|------|-------|----------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|----------|
| 0.33 | 0.25 | 3600 | 56    | .3336XS1B56    | \$612      | XF           | 23                            | 1.00           | 2.60           | 59.7        | 11.790             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56    | .3318XS1B56    | \$670      | XF           | 25                            | 1.00           | 3.00           | 60.4        | 11.790             | 115/208-230 | 1;3;9;42 |
| 0.5  | 0.37 | 3600 | 56    | .5036XS1B56    | \$636      | XF           | 26                            | 1.00           | 3.40           | 66.7        | 12.040             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56    | .5018XS1B56    | \$739      | XF           | 27                            | 1.00           | 4.20           | 62.4        | 12.290             | 115/208-230 | 1;3;9;42 |
| 0.75 | 0.55 | 3600 | 56    | .7536XS1B56    | \$717      | XF           | 30                            | 1.00           | 4.30           | 74.5        | 12.540             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56    | .7518XS1B56    | \$868      | XF           | 34                            | 1.00           | 4.52           | 70.8        | 13.040             | 115/208-230 | 1;3;9;42 |
| 1    | 0.75 | 3600 | 56    | 00136XS1B56    | \$774      | XF           | 32                            | 1.00           | 5.30           | 76.5        | 13.040             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56    | 00118XS1B56    | \$988      | XF           | 37                            | 1.00           | 6.30           | 74.8        | 13.790             | 115/208-230 | 1;3;9;42 |
| 1.5  | 1.1  | 3600 | 56    | 00156XS1C56    | \$1,121    | XF           | 38                            | 1.00           | 7.80           | 80.0        | 14.040             | 208-230     | 1;3;9;42 |
|      |      | 1800 | 56H   | 00158XS1C56H   | \$1,324    | XF           | 48                            | 1.00           | 7.80           | 80.0        | 15.420             | 208-230     | 1;3;9;42 |
| 2    | 1.5  | 3600 | 56H   | 00236XS1C56H   | \$1,408    | XF           | 43                            | 1.00           | 9.80           | 81.1        | 14.540             | 208-230     | 1;3;9;42 |



### C-Face - Foot Mount

| HP   | kW   | RPM  | Frame | Catalog Number | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes    |
|------|------|------|-------|----------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|----------|
| 0.33 | 0.25 | 3600 | 56C   | .3336XS1B56C   | \$737      | XF           | 23                            | 1.00           | 2.60           | 59.7        | 11.790             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56C   | .3318XS1B56C   | \$816      | XF           | 25                            | 1.00           | 3.00           | 60.4        | 11.790             | 115/208-230 | 1;3;9;42 |
| 0.5  | 0.37 | 3600 | 56C   | .5036XS1B56C   | \$717      | XF           | 26                            | 1.00           | 3.40           | 66.7        | 12.040             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56C   | .5018XS1B56C   | \$817      | XF           | 27                            | 1.00           | 4.20           | 62.4        | 12.290             | 115/208-230 | 1;3;9;42 |
| 0.75 | 0.55 | 3600 | 56C   | .7536XS1B56C   | \$773      | XF           | 30                            | 1.00           | 4.30           | 74.5        | 12.540             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56C   | .7518XS1B56C   | \$912      | XF           | 34                            | 1.00           | 4.52           | 70.8        | 13.040             | 115/208-230 | 1;3;9;42 |
| 1    | 0.75 | 3600 | 56C   | 00136XS1B56C   | \$814      | XF           | 32                            | 1.00           | 5.30           | 76.5        | 13.040             | 115/208-230 | 1;3;9;42 |
|      |      | 1800 | 56C   | 00118XS1B56C   | \$1,036    | XF           | 37                            | 1.00           | 6.30           | 74.8        | 13.790             | 115/208-230 | 1;3;9;42 |
| 1.5  | 1.1  | 3600 | 56C   | 00156XS1C56C   | \$1,274    | XF           | 38                            | 1.00           | 7.80           | 80.0        | 14.040             | 208-230     | 1;3;9;42 |
|      |      | 1800 | 56HC  | 00158XS1C56HC  | \$1,420    | XF           | 48                            | 1.00           | 7.80           | 80.0        | 15.420             | 208-230     | 1;3;9;42 |
| 2    | 1.5  | 3600 | 56HC  | 00236XS1C56HC  | \$1,457    | XF           | 43                            | 1.00           | 9.80           | 81.1        | 14.540             | 208-230     | 1;3;9;42 |

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# Explosion Proof Motors

NEMA Premium® EFFICIENCY MOTORS

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations.

## Standard Features:

- Class F insulation (Impregnation Resin and Magnet wire are class H)
- F1 Mounted
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 254T and up)
- Corrosion resistant Epoxy/Polyurethane Paint system (C3 per ISO12944)
- CSA Approved - File LR50962
  - Class I, Division 1, Groups C & D Temperature Code T3C
  - Class II, Division 1, Groups F & G Temperature Code T3C
- UL Listed - File E87848
  - Class I, Division 1, Groups C & D
  - Class II, Division 1, Groups F & G<sup>1</sup>
  - Frame (143T-326T) Temperature Code T3C<sup>2</sup>
  - Frame (364T and up) Temperature Code T3C

<sup>1)</sup> Class II UL only available as IP54 Modification.

Stock units are Class II only for cCSA<sub>US</sub>

<sup>2)</sup> T4 Temperature Code available on sine wave power as mod

<sup>3)</sup> 1000:1 Constant torque available as factory build with XP blower or as a modification with 20% derated HP.

(Contact Sales for details)



## Features that make a difference:

- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- IP55 rated enclosure
- VFD Rated

Available with AEGIS® SGR Inside  
213T and larger as stock mod

cUL<sub>US</sub> / cCSA<sub>US</sub> Inverter Rated: 143T – 586/7  
UL Listed - (File E87848)

CSA US - (Certificate 1629892)

Constant Torque<sup>3)</sup>

20:1 for frames 143T to 215T - Class I & II

6:1 for frames 254T to 326T - Class I & II

2:1 for frame 364/5T to 586/7T - Class I & II  
(Class I only for 449T)

Variable Torque

1000:1 for all frames excluding 449T - Class I & II

1000:1 for 449T - Class I only





# Explosion Proof Motors

THREE -PHASE

## Foot Mount

| HP   | kW   | RPM  | Frame  | Catalog Number | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V) | Notes       |
|------|------|------|--------|----------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|-------------|-------------|
| 0.33 | 0.25 | 3600 | 56     | .3336XS3E56    | \$650      | XF           | 21                            | 1.00           | 0.60           | 69.8       | 10.520             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56     | .3318XS3E56    | \$713      | XF           | 23                            | 1.00           | 0.60           | 76.7       | 10.520             | 208-230/460 | 1;3;9;17;42 |
| 0.5  | 0.37 | 3600 | 56     | .5036XS3E56    | \$782      | XF           | 24                            | 1.00           | 0.90           | 73.1       | 11.790             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56     | .5018XS3E56    | \$741      | XF           | 27                            | 1.00           | 0.85           | 79.1       | 11.920             | 208-230/460 | 1;3;9;42    |
| 0.75 | 0.55 | 3600 | 56     | .7536XS3E56    | \$815      | XF           | 25                            | 1.00           | 1.20           | 77.1       | 11.790             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56     | .7518XS3E56    | \$817      | XF           | 28                            | 1.00           | 1.40           | 78.6       | 12.290             | 208-230/460 | 1;3;9;42    |
| 1    | 0.75 | 3600 | 56     | 00136XT3E56    | \$858      | XF           | 27                            | 1.00           | 1.60           | 77.0       | 11.920             | 230/460     | 1;3;9;42    |
|      |      | 3600 | 143/5T | 00136XT3E143T  | \$886      | XT           | 64                            | 1.15           | 1.41           | 81.5       | 13.752             | 230/460     |             |
|      |      | 1800 | 56     | 00118XT3E56    | \$922      | XF           | 31                            | 1.00           | 1.60           | 85.5       | 13.660             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5T | 00118XT3E143T  | \$901      | XT           | 62                            | 1.15           | 1.43           | 85.5       | 13.752             | 230/460     |             |
|      |      | 1800 | 143/5T | 00118XT3H143T  | \$901      | XT           | 62                            | 1.15           | 1.14           | 85.5       | 13.752             | 575         |             |
|      |      | 1200 | 143/5T | 00112XT3E145T  | \$988      | XT           | 71                            | 1.15           | 1.54           | 82.5       | 13.752             | 230/460     |             |
|      |      | 1200 | 143/5T | 00112XT3H145T  | \$988      | XT           | 71                            | 1.15           | 1.23           | 82.5       | 13.752             | 575         |             |
|      |      | 900  | 182/4T | 00109XT3E182T  | \$1,974    | XT           | 120                           | 1.15           | 2.30           | 78.5       | 15.862             | 230/460     |             |
| 1.5  | 1.1  | 3600 | 56     | 00156XT3E56    | \$1,050    | XF           | 30                            | 1.00           | 2.10           | 84.0       | 12.780             | 230/460     | 1;3;9;42    |
|      |      | 3600 | 143/5T | 00156XT3E143T  | \$916      | XT           | 65                            | 1.15           | 2.05           | 84.0       | 13.752             | 230/460     |             |
|      |      | 3600 | 143/5T | 00156XT3H143T  | \$916      | XT           | 64                            | 1.15           | 1.64           | 84.0       | 13.752             | 575         |             |
|      |      | 1800 | 56H    | 00158XT3E56H   | \$1,003    | XF           | 41                            | 1.00           | 2.10           | 86.5       | 14.540             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5T | 00158XT3E145T  | \$963      | XT           | 70                            | 1.15           | 2.05           | 86.5       | 13.752             | 230/460     |             |
|      |      | 1800 | 143/5T | 00158XT3H145T  | \$963      | XT           | 69                            | 1.15           | 1.64           | 86.5       | 13.752             | 575         |             |
|      |      | 1200 | 182/4T | 00152XT3E182T  | \$1,105    | XT           | 121                           | 1.15           | 2.32           | 87.5       | 15.862             | 230/460     |             |
|      |      | 1200 | 182/4T | 00152XT3H182T  | \$1,105    | XT           | 119                           | 1.15           | 1.86           | 87.5       | 15.862             | 575         | 51          |
|      |      | 900  | 182/4T | 00159XT3E184T  | \$1,901    | XT           | 136                           | 1.15           | 2.70           | 82.5       | 15.862             | 230/460     | 39          |
| 2    | 1.5  | 3600 | 56H    | 00236XT3E56H   | \$1,171    | XF           | 35                            | 1.00           | 2.70           | 85.5       | 14.040             | 230/460     | 1;3;9;42    |
|      |      | 3600 | 143/5T | 00236XT3E145T  | \$935      | XT           | 72                            | 1.15           | 2.69           | 85.5       | 13.752             | 230/460     |             |
|      |      | 3600 | 143/5T | 00236XT3H145T  | \$935      | XT           | 72                            | 1.15           | 2.15           | 85.5       | 13.752             | 575         |             |
|      |      | 1800 | 56H    | 00218XT3E56H   | \$1,090    | XF           | 48                            | 1.00           | 2.70           | 86.5       | 15.040             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5T | 00218XT3E145T  | \$995      | XT           | 70                            | 1.15           | 2.72           | 86.5       | 13.752             | 230/460     |             |
|      |      | 1800 | 143/5T | 00218XT3H145T  | \$995      | XT           | 70                            | 1.15           | 2.18           | 86.5       | 13.752             | 575         |             |
|      |      | 1200 | 182/4T | 00212XT3E184T  | \$1,158    | XT           | 137                           | 1.15           | 3.13           | 88.5       | 15.862             | 230/460     | 39          |
|      |      | 1200 | 182/4T | 00212XT3H184T  | \$1,158    | XT           | 137                           | 1.15           | 2.50           | 88.5       | 15.862             | 575         | 39          |
|      |      | 900  | 213/5T | 00209XT3E213T  | \$2,439    | XT           | 174                           | 1.15           | 3.45           | 84.0       | 19.450             | 230/460     |             |
| 3    | 2.2  | 3600 | 182/4T | 00336XT3E182T  | \$1,192    | XT           | 120                           | 1.15           | 3.76           | 86.5       | 15.862             | 230/460     |             |
|      |      | 3600 | 182/4T | 00336XT3H182T  | \$1,192    | XT           | 120                           | 1.15           | 3.01           | 86.5       | 15.862             | 575         |             |
|      |      | 1800 | 182/4T | 00318XT3E182T  | \$1,208    | XT           | 120                           | 1.15           | 3.91           | 89.5       | 15.862             | 230/460     |             |
|      |      | 1800 | 182/4T | 00318XT3H182T  | \$1,208    | XT           | 120                           | 1.15           | 3.13           | 89.5       | 15.862             | 575         |             |
|      |      | 1200 | 213/5T | 00312XT3E213T  | \$1,792    | XT           | 187                           | 1.15           | 4.41           | 89.5       | 19.450             | 230/460     |             |
|      |      | 1200 | 213/5T | 00312XT3H213T  | \$1,792    | XT           | 187                           | 1.15           | 3.53           | 89.5       | 19.450             | 575         |             |
|      |      | 900  | 213/5T | 00309XT3E215T  | \$2,805    | XT           | 205                           | 1.15           | 4.36           | 85.5       | 19.450             | 230/460     |             |
| 5    | 3.7  | 3600 | 182/4T | 00536XT3E184T  | \$1,255    | XT           | 135                           | 1.15           | 6.10           | 88.5       | 15.862             | 230/460     | 39          |
|      |      | 3600 | 182/4T | 00536XT3H184T  | \$1,255    | XT           | 135                           | 1.15           | 4.88           | 88.5       | 15.862             | 575         | 39          |
|      |      | 1800 | 182/4T | 00518XT3E184T  | \$1,220    | XT           | 127                           | 1.15           | 6.57           | 89.5       | 15.862             | 230/460     | 39          |
|      |      | 1800 | 182/4T | 00518XT3H184T  | \$1,220    | XT           | 137                           | 1.15           | 5.26           | 89.5       | 15.862             | 575         | 39          |
|      |      | 1200 | 213/5T | 00512XT3E215T  | \$1,899    | XT           | 213                           | 1.15           | 6.83           | 89.5       | 19.450             | 230/460     |             |
|      |      | 1200 | 213/5T | 00512XT3H215T  | \$1,899    | XT           | 213                           | 1.15           | 5.46           | 89.5       | 19.450             | 575         |             |
|      |      | 900  | 254T   | 00509XT3E254T  | \$3,953    | XT           | 344                           | 1.15           | 7.93           | 87.5       | 23.175             | 230/460     |             |

continued on next page

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A-123

## THREE -PHASE

### Foot Mount - *continued*

| HP  | kW   | RPM  | Frame   | Catalog Number                 | List Price      | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|---------|--------------------------------|-----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 7.5 | 5.5  | 3600 | 213/5T  | <a href="#">00736XT3E213T</a>  | <b>\$1,646</b>  | XT           | 182                           | 1.15           | 8.57           | 89.5        | 19.450             | 230/460     |       |
|     |      | 3600 | 213/5T  | <a href="#">00736XT3H213T</a>  | <b>\$1,646</b>  | XT           | 182                           | 1.15           | 6.86           | 89.5        | 19.450             | 575         |       |
|     |      | 1800 | 213/5T  | <a href="#">00718XT3E213T</a>  | <b>\$1,897</b>  | XT           | 178                           | 1.15           | 9.41           | 91.7        | 19.450             | 230/460     |       |
|     |      | 1800 | 213/5T  | <a href="#">00718XT3H213T</a>  | <b>\$1,897</b>  | XT           | 177                           | 1.15           | 7.53           | 91.7        | 19.450             | 575         |       |
|     |      | 1200 | 254T    | <a href="#">00712XT3E254T</a>  | <b>\$2,483</b>  | XT           | 344                           | 1.15           | 9.73           | 91.0        | 23.175             | 230/460     |       |
|     |      | 1200 | 254T    | <a href="#">00712XT3H254T</a>  | <b>\$2,483</b>  | XT           | 344                           | 1.15           | 7.78           | 91.0        | 23.175             | 575         |       |
|     |      | 900  | 256T    | <a href="#">00709XT3E256T</a>  | <b>\$4,707</b>  | XT           | 388                           | 1.15           | 11.6           | 87.5        | 24.923             | 230/460     |       |
| 10  | 7.5  | 3600 | 213/5T  | <a href="#">01036XT3E215T</a>  | <b>\$1,727</b>  | XT           | 207                           | 1.15           | 11.6           | 90.2        | 19.450             | 230/460     |       |
|     |      | 3600 | 213/5T  | <a href="#">01036XT3H215T</a>  | <b>\$1,727</b>  | XT           | 206                           | 1.15           | 9.28           | 90.2        | 19.450             | 575         |       |
|     |      | 1800 | L213/5T | <a href="#">01018XT3E215T</a>  | <b>\$1,997</b>  | XT           | 149                           | 1.15           | 12.7           | 91.7        | 20.631             | 230/460     |       |
|     |      | 1800 | L213/5T | <a href="#">01018XT3H215T</a>  | <b>\$1,997</b>  | XT           | 213                           | 1.15           | 10.2           | 91.7        | 20.631             | 575         |       |
|     |      | 1200 | 256T    | <a href="#">01012XT3E256T</a>  | <b>\$2,900</b>  | XT           | 387                           | 1.15           | 13.3           | 91.0        | 24.923             | 230/460     |       |
|     |      | 1200 | 256T    | <a href="#">01012XT3H256T</a>  | <b>\$2,900</b>  | XT           | 387                           | 1.15           | 10.6           | 91.0        | 24.923             | 575         |       |
|     |      | 900  | 284T    | <a href="#">01009XT3E284T</a>  | <b>\$5,668</b>  | XT           | 496                           | 1.15           | 13.3           | 91.0        | 26.407             | 230/460     |       |
| 15  | 11   | 3600 | 254T    | <a href="#">01536XT3E254T</a>  | <b>\$2,387</b>  | XT           | 343                           | 1.15           | 17.4           | 91.0        | 23.175             | 230/460     |       |
|     |      | 3600 | 254T    | <a href="#">01536XT3H254T</a>  | <b>\$2,387</b>  | XT           | 342                           | 1.15           | 13.9           | 91.0        | 23.175             | 575         |       |
|     |      | 1800 | 254T    | <a href="#">01518XT3E254T</a>  | <b>\$2,653</b>  | XT           | 348                           | 1.15           | 18.4           | 92.4        | 23.175             | 230/460     |       |
|     |      | 1800 | 254T    | <a href="#">01518XT3H254T</a>  | <b>\$2,653</b>  | XT           | 302                           | 1.15           | 14.7           | 92.4        | 23.175             | 575         |       |
|     |      | 1200 | 284T    | <a href="#">01512XT3E284T</a>  | <b>\$4,048</b>  | XT           | 498                           | 1.15           | 17.5           | 91.7        | 26.407             | 230/460     |       |
|     |      | 1200 | 284T    | <a href="#">01512XT3H284T</a>  | <b>\$4,048</b>  | XT           | 497                           | 1.15           | 14.0           | 91.7        | 26.407             | 575         |       |
|     |      | 900  | 286T    | <a href="#">01509XT3E286T</a>  | <b>\$7,102</b>  | XT           | 536                           | 1.15           | 19.0           | 91.0        | 27.905             | 230/460     |       |
| 20  | 15   | 3600 | 256T    | <a href="#">02036XT3E256T</a>  | <b>\$3,083</b>  | XT           | 380                           | 1.15           | 23.2           | 91.0        | 24.923             | 230/460     |       |
|     |      | 3600 | 256T    | <a href="#">02036XT3H256T</a>  | <b>\$3,083</b>  | XT           | 379                           | 1.15           | 18.6           | 91.0        | 24.923             | 575         |       |
|     |      | 1800 | 256T    | <a href="#">02018XT3E256T</a>  | <b>\$3,008</b>  | XT           | 391                           | 1.15           | 25.0           | 93.0        | 24.923             | 230/460     |       |
|     |      | 1800 | 256T    | <a href="#">02018XT3H256T</a>  | <b>\$3,008</b>  | XT           | 392                           | 1.15           | 20.0           | 93.0        | 24.923             | 575         |       |
|     |      | 1200 | 286T    | <a href="#">02012XT3E286T</a>  | <b>\$4,444</b>  | XT           | 537                           | 1.15           | 24.2           | 91.7        | 27.905             | 230/460     |       |
|     |      | 1200 | 286T    | <a href="#">02012XT3H286T</a>  | <b>\$4,444</b>  | XT           | 536                           | 1.15           | 19.4           | 91.7        | 27.905             | 575         |       |
|     |      | 900  | 324T    | <a href="#">02009XT3E324T</a>  | <b>\$8,390</b>  | XT           | 654                           | 1.15           | 27.5           | 92.4        | 29.602             | 230/460     |       |
| 25  | 18.5 | 3600 | 284TS   | <a href="#">02536XT3E284TS</a> | <b>\$4,188</b>  | XT           | 493                           | 1.15           | 28.6           | 92.4        | 25.033             | 230/460     |       |
|     |      | 3600 | 284TS   | <a href="#">02536XT3H284TS</a> | <b>\$4,188</b>  | XT           | 493                           | 1.15           | 22.9           | 92.4        | 25.033             | 575         |       |
|     |      | 1800 | 284T    | <a href="#">02518XT3E284T</a>  | <b>\$3,886</b>  | XT           | 486                           | 1.15           | 29.9           | 93.6        | 26.407             | 230/460     |       |
|     |      | 1800 | 284T    | <a href="#">02518XT3H284T</a>  | <b>\$3,886</b>  | XT           | 506                           | 1.15           | 23.9           | 93.6        | 26.407             | 575         |       |
|     |      | 1200 | 324T    | <a href="#">02512XT3E324T</a>  | <b>\$5,375</b>  | XT           | 686                           | 1.15           | 30.4           | 93.0        | 29.602             | 230/460     |       |
|     |      | 1200 | 324T    | <a href="#">02512XT3H324T</a>  | <b>\$5,375</b>  | XT           | 665                           | 1.15           | 24.3           | 93.0        | 29.602             | 575         |       |
|     |      | 900  | 326T    | <a href="#">02509XT3E326T</a>  | <b>\$10,512</b> | XT           | 713                           | 1.15           | 35.4           | 92.4        | 31.106             | 230/460     |       |
| 30  | 22   | 3600 | 286TS   | <a href="#">03036XT3E286TS</a> | <b>\$4,262</b>  | XT           | 544                           | 1.15           | 33.7           | 93.0        | 26.531             | 230/460     |       |
|     |      | 3600 | 286TS   | <a href="#">03036XT3H286TS</a> | <b>\$4,262</b>  | XT           | 543                           | 1.15           | 27.0           | 93.0        | 26.531             | 575         |       |
|     |      | 1800 | 286T    | <a href="#">03018XT3E286T</a>  | <b>\$4,296</b>  | XT           | 650                           | 1.15           | 36.0           | 93.6        | 27.905             | 230/460     |       |
|     |      | 1800 | 286T    | <a href="#">03018XT3H286T</a>  | <b>\$4,296</b>  | XT           | 546                           | 1.15           | 28.8           | 93.6        | 27.905             | 575         |       |
|     |      | 1200 | 326T    | <a href="#">03012XT3E326T</a>  | <b>\$6,196</b>  | XT           | 747                           | 1.15           | 36.7           | 93.0        | 31.106             | 230/460     |       |
|     |      | 1200 | 326T    | <a href="#">03012XT3H326T</a>  | <b>\$6,196</b>  | XT           | 734                           | 1.15           | 29.4           | 93.0        | 31.106             | 575         |       |
|     |      | 900  | 364/5T  | <a href="#">03009XT3E364T</a>  | <b>\$15,071</b> | XT           | 1010                          | 1.15           | 38.5           | 93.0        | 33.701             | 230/460     |       |

*continued on next page*

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Foot Mount - *continued*

| HP  | kW | RPM  | Frame   | Catalog Number                 | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|----|------|---------|--------------------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 40  | 30 | 3600 | 324TS   | <a href="#">04036XT3E324TS</a> | \$5,583    | XT           | 669                           | 1.15           | 45.8           | 93.6        | 28.102             | 230/460     |       |
|     |    | 3600 | 324TS   | <a href="#">04036XT3H324TS</a> | \$5,583    | XT           | 669                           | 1.15           | 36.6           | 93.6        | 28.102             | 575         |       |
|     |    | 1800 | 324T    | <a href="#">04018XT3E324T</a>  | \$5,380    | XT           | 690                           | 1.15           | 48.2           | 94.1        | 29.602             | 230/460     |       |
|     |    | 1800 | 324T    | <a href="#">04018XT3H324T</a>  | \$5,380    | XT           | 693                           | 1.15           | 38.6           | 94.1        | 29.602             | 575         |       |
|     |    | 1200 | 364/5T  | <a href="#">04012XT3E364T</a>  | \$10,576   | XT           | 1091                          | 1.15           | 47.1           | 94.1        | 33.701             | 230/460     |       |
|     |    | 1200 | 364/5T  | <a href="#">04012XT3H364T</a>  | \$10,576   | XT           | 1084                          | 1.15           | 37.7           | 94.1        | 33.701             | 575         |       |
|     |    | 900  | 364/5T  | <a href="#">04009XT3E365T</a>  | \$15,505   | XT           | 1110                          | 1.15           | 52.2           | 93.6        | 33.701             | 230/460     |       |
| 50  | 37 | 3600 | 326TS   | <a href="#">05036XT3E326TS</a> | \$6,582    | XT           | 731                           | 1.15           | 55.5           | 94.1        | 29.606             | 230/460     |       |
|     |    | 3600 | 326TS   | <a href="#">05036XT3H326TS</a> | \$6,582    | XT           | 723                           | 1.15           | 44.4           | 94.1        | 29.606             | 575         |       |
|     |    | 1800 | 326T    | <a href="#">05018XT3E326T</a>  | \$6,545    | XT           | 702                           | 1.15           | 60.6           | 94.5        | 31.106             | 230/460     |       |
|     |    | 1800 | 326T    | <a href="#">05018XT3H326T</a>  | \$6,545    | XT           | 732                           | 1.15           | 48.5           | 94.5        | 31.106             | 575         |       |
|     |    | 1200 | 364/5T  | <a href="#">05012XT3E365T</a>  | \$11,197   | XT           | 1124                          | 1.15           | 58.1           | 94.1        | 33.701             | 230/460     |       |
|     |    | 1200 | 364/5T  | <a href="#">05012XT3H365T</a>  | \$11,197   | XT           | 1113                          | 1.15           | 46.5           | 94.1        | 33.701             | 575         |       |
|     |    | 900  | 404/5T  | <a href="#">05009XT3E404T</a>  | \$22,443   | XT           | 1338                          | 1.15           | 68.0           | 93.6        | 38.074             | 230/460     |       |
| 60  | 45 | 3600 | 364/5TS | <a href="#">06036XT3E364TS</a> | \$9,988    | XT           | 1109                          | 1.15           | 68.2           | 94.1        | 31.575             | 230/460     |       |
|     |    | 3600 | 364/5TS | <a href="#">06036XT3H364TS</a> | \$9,988    | XT           | 1114                          | 1.15           | 54.6           | 94.1        | 31.575             | 575         |       |
|     |    | 1800 | 364/5T  | <a href="#">06018XT3E364T</a>  | \$10,460   | XT           | 1146                          | 1.15           | 68.3           | 95.0        | 33.701             | 230/460     |       |
|     |    | 1800 | 364/5T  | <a href="#">06018XT3H364T</a>  | \$10,460   | XT           | 1112                          | 1.15           | 54.6           | 95.0        | 33.701             | 575         |       |
|     |    | 1200 | 404/5T  | <a href="#">06012XT3E404T</a>  | \$13,196   | XT           | 1279                          | 1.15           | 70.3           | 94.5        | 38.074             | 230/460     |       |
|     |    | 1200 | 404/5T  | <a href="#">06012XT3H404T</a>  | \$13,196   | XT           | 1222                          | 1.15           | 56.2           | 94.5        | 38.074             | 575         |       |
|     |    | 900  | 404/5T  | <a href="#">06009XT3E405T</a>  | \$26,900   | XT           | 1336                          | 1.15           | 75.9           | 93.0        | 38.074             | 230/460     |       |
| 75  | 55 | 3600 | 364/5TS | <a href="#">07536XT3E365TS</a> | \$11,285   | XT           | 1110                          | 1.15           | 82.4           | 94.1        | 31.575             | 230/460     |       |
|     |    | 3600 | 364/5TS | <a href="#">07536XT3H365TS</a> | \$11,285   | XT           | 1033                          | 1.15           | 65.9           | 94.1        | 31.575             | 575         |       |
|     |    | 1800 | 364/5T  | <a href="#">07518XT3E365T</a>  | \$11,125   | XT           | 1146                          | 1.15           | 83.2           | 95.4        | 33.701             | 230/460     |       |
|     |    | 1800 | 364/5T  | <a href="#">07518XT3H365T</a>  | \$11,125   | XT           | 1133                          | 1.15           | 66.6           | 95.4        | 33.701             | 575         |       |
|     |    | 1200 | 404/5T  | <a href="#">07512XT3E405T</a>  | \$13,836   | XT           | 1330                          | 1.15           | 87.0           | 94.5        | 38.074             | 230/460     |       |
|     |    | 900  | 444/5T  | <a href="#">07509XT3E444T</a>  | \$29,094   | XT           | 2077                          | 1.15           | 92.2           | 93.6        | 43.797             | 230/460     |       |
|     |    |      |         |                                |            |              |                               |                |                |             |                    |             |       |
| 100 | 75 | 3600 | 404/5TS | <a href="#">10036XT3E405TS</a> | \$12,999   | XT           | 1290                          | 1.15           | 110            | 95.0        | 35.074             | 230/460     |       |
|     |    | 3600 | 404/5TS | <a href="#">10036XT3G405TS</a> | \$12,999   | XT           | 1214                          | 1.15           | 110            | 95.0        | 35.074             | 460         |       |
|     |    | 3600 | 404/5TS | <a href="#">10036XT3H405TS</a> | \$12,999   | XT           | 1296                          | 1.15           | 88.1           | 95.0        | 35.074             | 575         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018XT3E405T</a>  | \$14,206   | XT           | 1317                          | 1.15           | 113            | 95.4        | 38.074             | 230/460     |       |
|     |    | 1800 | 404/5T  | <a href="#">10018XT3G405T</a>  | \$14,206   | XT           | 1313                          | 1.15           | 113            | 95.4        | 38.074             | 460         |       |
|     |    | 1800 | 404/5T  | <a href="#">10018XT3H405T</a>  | \$14,206   | XT           | 1322                          | 1.15           | 90.4           | 95.4        | 38.074             | 575         |       |
|     |    | 1200 | 444/5T  | <a href="#">10012XT3E444T</a>  | \$21,032   | XT           | 2268                          | 1.15           | 121            | 95.0        | 43.797             | 230/460     |       |
|     |    | 1200 | 444/5T  | <a href="#">10012XT3G444T</a>  | \$21,032   | XT           | 2233                          | 1.15           | 121            | 95.0        | 43.797             | 460         |       |
|     |    | 900  | 444/5T  | <a href="#">10009XT3E445T</a>  | \$31,191   | XT           | 2225                          | 1.15           | 125            | 94.1        | 43.797             | 230/460     |       |
|     |    | 900  | 444/5T  | <a href="#">10009XT3G445T</a>  | \$31,191   | XT           | 2061                          | 1.15           | 125            | 94.1        | 43.797             | 460         |       |
| 125 | 90 | 3600 | 444/5TS | <a href="#">12536XT3G444TS</a> | \$20,874   | XT           | 2173                          | 1.15           | 132            | 95.0        | 40.047             | 460         |       |
|     |    | 1800 | 444/5T  | <a href="#">12518XT3E444T</a>  | \$19,961   | XT           | 2214                          | 1.15           | 142            | 95.4        | 43.797             | 230/460     |       |
|     |    | 1800 | 444/5T  | <a href="#">12518XT3G444T</a>  | \$19,961   | XT           | 2208                          | 1.15           | 142            | 95.4        | 43.797             | 460         |       |
|     |    | 1200 | 444/5T  | <a href="#">12512XT3G445T</a>  | \$21,537   | XT           | 2428                          | 1.15           | 150            | 95.0        | 43.797             | 460         |       |

*continued on next page*

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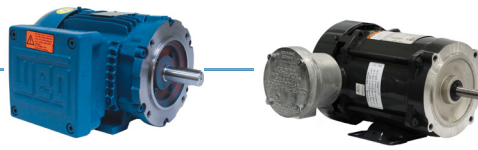
## Foot Mount - *continued*

| HP  | kW  | RPM  | Frame   | Catalog Number                 | List Price      | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes   |
|-----|-----|------|---------|--------------------------------|-----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|---------|
| 150 | 110 | 3600 | 444/5TS | <a href="#">15036XT3G445TS</a> | <b>\$21,320</b> | XT           | 2345                          | 1.15           | 161            | 95.4        | 40.047             | 460         |         |
|     |     | 1800 | 444/5T  | <a href="#">15018XT3E445T</a>  | <b>\$21,557</b> | XT           | 2364                          | 1.15           | 170            | 95.8        | 43.797             | 230/460     |         |
|     |     | 1800 | 444/5T  | <a href="#">15018XT3G445T</a>  | <b>\$21,557</b> | XT           | 2358                          | 1.15           | 170            | 95.8        | 43.797             | 460         |         |
|     |     | 1800 | 444/5T  | <a href="#">15018XT3H445T</a>  | <b>\$21,557</b> | XT           | 2353                          | 1.15           | 136            | 95.8        | 43.797             | 575         |         |
|     |     | 1200 | 447T    | <a href="#">15012XT3G447T</a>  | <b>\$32,370</b> | XT           | 2828                          | 1.15           | 174            | 95.8        | 47.339             | 460         |         |
|     |     | 1200 | 504/5T  | <a href="#">15012XT3G504</a>   | <b>\$32,370</b> | XT           | 2869                          | 1.15           | 174            | 95.8        | 49.445             | 460         | 43;51   |
| 200 | 150 | 3600 | 447TS   | <a href="#">20036XT3G447TS</a> | <b>\$29,446</b> | XT           | 2656                          | 1.15           | 221            | 95.8        | 43.589             | 460         |         |
|     |     | 1800 | 447T    | <a href="#">20018XT3G447T</a>  | <b>\$29,397</b> | XT           | 2585                          | 1.15           | 230            | 96.2        | 47.339             | 460         |         |
|     |     | 1800 | 504/5T  | <a href="#">20018XT3G504</a>   | <b>\$29,397</b> | XT           | 2534                          | 1.15           | 230            | 96.2        | 49.445             | 460         | 37;43   |
|     |     | 1200 | 447T    | <a href="#">20012XT3G447T</a>  | <b>\$33,613</b> | XT           | 2848                          | 1.15           | 249            | 95.8        | 47.339             | 460         |         |
| 250 | 185 | 3600 | 447TS   | <a href="#">25036XT3G447TS</a> | <b>\$31,124</b> | XT           | 2774                          | 1.15           | 269            | 95.8        | 43.589             | 460         |         |
|     |     | 1800 | 447T    | <a href="#">25018XT3G447T</a>  | <b>\$32,866</b> | XT           | 2853                          | 1.15           | 284            | 96.2        | 47.339             | 460         |         |
|     |     | 1800 | 447T    | <a href="#">25018XT3H447T</a>  | <b>\$32,866</b> | XT           | 2742                          | 1.15           | 227            | 96.2        | 47.339             | 575         |         |
|     |     | 1200 | 449T    | <a href="#">25012XT3G449T</a>  | <b>\$48,048</b> | XT           | 3352                          | 1.15           | 299            | 95.8        | 54.996             | 460         |         |
| 300 | 220 | 3600 | 449TS   | <a href="#">30036XT3G449TS</a> | <b>\$48,747</b> | XT           | 3185                          | 1.15           | 320            | 95.8        | 51.246             | 460         | 37;51   |
|     |     | 1800 | 449T    | <a href="#">30018XT3G449T</a>  | <b>\$42,566</b> | XT           | 3280                          | 1.15           | 334            | 96.2        | 54.996             | 460         | 37      |
|     |     | 1200 | 449T    | <a href="#">30012XT3G449T</a>  | <b>\$52,790</b> | XT           | 3361                          | 1.15           | 351            | 95.8        | 54.996             | 460         |         |
| 350 | 260 | 3600 | 449TS   | <a href="#">35036XT3G449TS</a> | <b>\$65,868</b> | XT           | 3802                          | 1.15           | 379            | 95.8        | 51.246             | 460         |         |
|     |     | 1800 | 449T    | <a href="#">35018XT3G449T</a>  | <b>\$53,222</b> | XT           | 3476                          | 1.15           | 390            | 96.2        | 54.996             | 460         | 37      |
|     |     | 1200 | 586/7   | <a href="#">35012XT3G586/7</a> | <b>\$71,652</b> | XT           | 4655                          | 1.15           | 421            | 95.8        | 61.389             | 460         | 43      |
| 400 | 300 | 1800 | 586/7   | <a href="#">40018XT3G586/7</a> | <b>\$61,096</b> | XT           | 4345                          | 1.15           | 460            | 96.2        | 61.389             | 460         | 43      |
|     |     | 1200 | 586/7   | <a href="#">40012XT3G586/7</a> | <b>\$75,473</b> | XT           | 5267                          | 1.15           | 479            | 95.8        | 61.389             | 460         | 43      |
| 450 | 330 | 1800 | 586/7   | <a href="#">45018XT3G586/7</a> | <b>\$65,201</b> | XT           | 4747                          | 1.15           | 501            | 96.2        | 61.389             | 460         | 19;43   |
| 500 | 370 | 1800 | 586/7   | <a href="#">50018XT3G586/7</a> | <b>\$70,086</b> | XT           | 5063                          | 1.00           | 568            | 96.2        | 61.389             | 460         | 1;19;43 |

Explosion Proof Motors

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit [http:// www.weg.net](http://www.weg.net)



# Explosion Proof Motors

THREE -PHASE

## C-Face - Foot Mount

| HP   | kW   | RPM  | Frame   | Catalog Number | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes       |
|------|------|------|---------|----------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------------|
| 0.33 | 0.25 | 3600 | 56C     | .3336XS3E56C   | \$821      | XF           | 21                            | 1.00           | 0.60           | 69.8        | 10.520             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56C     | .3318XS3E56C   | \$877      | XF           | 23                            | 1.00           | 0.60           | 76.7        | 10.520             | 208-230/460 | 1;3;9;17;42 |
| 0.5  | 0.37 | 3600 | 56C     | .5036XS3E56C   | \$856      | XF           | 24                            | 1.00           | 0.90           | 73.1        | 11.790             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56C     | .5018XS3E56C   | \$926      | XF           | 27                            | 1.00           | 0.85           | 79.1        | 11.920             | 208-230/460 | 1;3;9;42    |
| 0.75 | 0.55 | 3600 | 56C     | .7536XS3E56C   | \$884      | XF           | 25                            | 1.00           | 1.20           | 77.1        | 11.790             | 208-230/460 | 1;3;9;42    |
|      |      | 1800 | 56C     | .7518XS3E56C   | \$944      | XF           | 28                            | 1.00           | 1.40           | 78.6        | 12.290             | 208-230/460 | 1;3;9;42    |
| 1    | 0.75 | 3600 | 56C     | 00136XT3E56C   | \$924      | XF           | 27                            | 1.00           | 1.60           | 77.0        | 11.920             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 56C     | 00118XT3E56C   | \$1,007    | XF           | 31                            | 1.00           | 1.60           | 82.2        | 13.660             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5TC | 00118XT3E143TC | \$1,054    | XT           | 71                            | 1.15           | 1.43           | 85.5        | 13.752             | 230/460     |             |
|      |      | 1200 | 143/5TC | 00112XT3E145TC | \$1,107    | XT           | 80                            | 1.15           | 1.54           | 82.5        | 13.752             | 230/460     |             |
| 1.5  | 1.1  | 3600 | 56C     | 00156XT3E56C   | \$1,038    | XF           | 30                            | 1.00           | 2.10           | 84.0        | 12.780             | 230/460     | 1;3;9;42    |
|      |      | 3600 | 143/5TC | 00156XT3E143TC | \$1,069    | XT           | 73                            | 1.15           | 2.05           | 84.0        | 13.752             | 230/460     |             |
|      |      | 1800 | 56HC    | 00158XT3E56HC  | \$1,011    | XF           | 41                            | 1.00           | 2.10           | 86.5        | 14.540             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5TC | 00158XT3E145TC | \$1,116    | XT           | 79                            | 1.15           | 2.05           | 86.5        | 13.752             | 230/460     |             |
|      |      | 1800 | 143/5TC | 00158XT3H145TC | \$1,024    | XT           | 75                            | 1.15           | 1.64           | 86.5        | 13.752             | 575         |             |
|      |      | 1200 | 182/4TC | 00152XT3E182TC | \$1,270    | XT           | 123                           | 1.15           | 2.32           | 87.5        | 15.862             | 230/460     |             |
| 2    | 1.5  | 3600 | 56HC    | 00236XT3E56HC  | \$1,125    | XF           | 35                            | 1.00           | 2.70           | 85.5        | 14.040             | 230/460     | 1;3;9;42    |
|      |      | 3600 | 143/5TC | 00236XT3E145TC | \$1,045    | XT           | 81                            | 1.15           | 2.69           | 85.5        | 13.752             | 230/460     |             |
|      |      | 1800 | 56HC    | 00218XT3E56HC  | \$1,162    | XF           | 48                            | 1.00           | 2.70           | 86.5        | 15.040             | 230/460     | 1;3;9;42    |
|      |      | 1800 | 143/5TC | 00218XT3E145TC | \$1,148    | XT           | 79                            | 1.15           | 2.72           | 86.5        | 13.752             | 230/460     |             |
|      |      | 1800 | 143/5TC | 00218XT3H145TC | \$1,148    | XT           | 78                            | 1.15           | 2.18           | 86.5        | 13.752             | 575         |             |
|      |      | 1200 | 182/4TC | 00212XT3E184TC | \$1,323    | XT           | 140                           | 1.15           | 3.13           | 88.5        | 15.862             | 230/460     | 39          |
| 3    | 2.2  | 3600 | 182/4TC | 00336XT3E182TC | \$1,262    | XT           | 122                           | 1.15           | 3.76           | 86.5        | 15.862             | 230/460     |             |
|      |      | 1800 | 182/4TC | 00318XT3E182TC | \$1,373    | XT           | 122                           | 1.15           | 3.91           | 89.5        | 15.862             | 230/460     |             |
|      |      | 1800 | 182/4TC | 00318XT3H182TC | \$1,373    | XT           | 122                           | 1.15           | 3.13           | 89.5        | 15.862             | 575         |             |
|      |      | 1200 | 213/5TC | 00312XT3E213TC | \$1,868    | XT           | 195                           | 1.15           | 4.41           | 89.5        | 19.450             | 230/460     |             |
| 5    | 3.7  | 3600 | 182/4TC | 00536XT3E184TC | \$1,325    | XT           | 137                           | 1.15           | 6.10           | 88.5        | 15.862             | 230/460     | 39          |
|      |      | 3600 | 182/4TC | 00536XT3H184TC | \$1,325    | XT           | 137                           | 1.15           | 4.88           | 88.5        | 15.862             | 575         | 39          |
|      |      | 1800 | 182/4TC | 00518XT3E184TC | \$1,385    | XT           | 139                           | 1.15           | 6.57           | 89.5        | 15.862             | 230/460     | 39          |
|      |      | 1800 | 182/4TC | 00518XT3H184TC | \$1,385    | XT           | 139                           | 1.15           | 5.26           | 89.5        | 15.862             | 575         | 39          |
|      |      | 1200 | 213/5TC | 00512XT3E215TC | \$1,975    | XT           | 221                           | 1.15           | 6.83           | 89.5        | 19.450             | 230/460     |             |
| 7.5  | 5.5  | 3600 | 213/5TC | 00736XT3E213TC | \$1,722    | XT           | 190                           | 1.15           | 8.57           | 89.5        | 19.450             | 230/460     |             |
|      |      | 1800 | 213/5TC | 00718XT3E213TC | \$2,080    | XT           | 186                           | 1.15           | 9.41           | 91.7        | 19.450             | 230/460     |             |
|      |      | 1800 | 213/5TC | 00718XT3H213TC | \$2,080    | XT           | 185                           | 1.15           | 7.53           | 91.7        | 19.450             | 575         |             |
| 10   | 7.5  | 3600 | 213/5TC | 01036XT3E215TC | \$1,803    | XT           | 215                           | 1.15           | 11.6           | 90.2        | 19.450             | 230/460     |             |
|      |      | 3600 | 213/5TC | 01036XT3H215TC | \$1,803    | XT           | 214                           | 1.15           | 9.28           | 90.2        | 19.450             | 575         |             |
|      |      | 1800 | L215TC  | 01018XT3E215TC | \$2,180    | XT           | 215                           | 1.15           | 12.7           | 91.7        | 20.631             | 230/460     |             |
|      |      | 1800 | L215TC  | 01018XT3H215TC | \$2,180    | XT           | 221                           | 1.15           | 10.2           | 91.7        | 20.631             | 575         |             |
| 15   | 11   | 3600 | 254TC   | 01536XT3E254TC | \$2,490    | XT           | 346                           | 1.15           | 17.4           | 91.0        | 23.175             | 230/460     |             |
|      |      | 1800 | 254TC   | 01518XT3E254TC | \$2,976    | XT           | 306                           | 1.15           | 18.4           | 92.4        | 23.175             | 230/460     |             |
|      |      | 1800 | 254TC   | 01518XT3H254TC | \$2,976    | XT           | 305                           | 1.15           | 14.7           | 92.4        | 23.175             | 575         |             |
| 20   | 15   | 1800 | 256TC   | 02018XT3E256TC | \$3,331    | XT           | 395                           | 1.15           | 25.0           | 93.0        | 24.923             | 230/460     |             |
|      |      | 1800 | 256TC   | 02018XT3H256TC | \$3,111    | XT           | 394                           | 1.15           | 20.0           | 93.0        | 24.923             | 575         |             |
| 25   | 18.5 | 1800 | 284TC   | 02518XT3E284TC | \$4,262    | XT           | 514                           | 1.15           | 29.9           | 93.6        | 26.407             | 230/460     |             |
|      |      | 1800 | 284TC   | 02518XT3H284TC | \$4,262    | XT           | 513                           | 1.15           | 23.9           | 93.6        | 26.407             | 575         |             |

continued on next page

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Explosion Proof Motors



## THREE -PHASE

### C-Face - Foot Mount - *continued*

| HP  | kW | RPM  | Frame   | Catalog Number                 | List Price      | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|----|------|---------|--------------------------------|-----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 30  | 22 | 1800 | 286TC   | <a href="#">03018XT3E286TC</a> | <b>\$4,672</b>  | XT           | 555                           | 1.15           | 36.0           | 93.6        | 27.905             | 230/460     |       |
| 40  | 30 | 1800 | 324TC   | <a href="#">04018XT3E324TC</a> | <b>\$5,919</b>  | XT           | 700                           | 1.15           | 48.2           | 94.1        | 29.602             | 230/460     |       |
| 50  | 37 | 1800 | 326TC   | <a href="#">05018XT3E326TC</a> | <b>\$7,084</b>  | XT           | 740                           | 1.15           | 60.6           | 94.5        | 31.106             | 230/460     |       |
| 60  | 45 | 1800 | 364/5TC | <a href="#">06018XT3E364TC</a> | <b>\$11,116</b> | XT           | 1126                          | 1.15           | 68.3           | 95.0        | 33.701             | 230/460     |       |
| 75  | 55 | 1800 | 364/5TC | <a href="#">07518XT3E365TC</a> | <b>\$11,781</b> | XT           | 1147                          | 1.15           | 83.2           | 95.4        | 33.701             | 230/460     |       |
| 100 | 75 | 1800 | 404/5TC | <a href="#">10018XT3E405TC</a> | <b>\$14,993</b> | XT           | 1335                          | 1.15           | 113            | 95.4        | 38.074             | 230/460     |       |



### C-Face - Footless

| HP  | kW   | RPM  | Frame   | Catalog Number                  | List Price     | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|---------|---------------------------------|----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1   | 0.75 | 1800 | 143/5TC | <a href="#">00118XT3ER143TC</a> | <b>\$1,072</b> | XT           | 71                            | 1.15           | 1.43           | 85.5        | 14.460             | 230/460     | 15    |
| 1.5 | 1.1  | 1800 | 143/5TC | <a href="#">00158XT3ER145TC</a> | <b>\$1,135</b> | XT           | 78                            | 1.15           | 2.05           | 86.5        | 14.460             | 230/460     | 15    |
| 2   | 1.5  | 1800 | 143/5TC | <a href="#">00218XT3ER145TC</a> | <b>\$1,168</b> | XT           | 78                            | 1.15           | 2.72           | 86.5        | 14.460             | 230/460     | 15    |
| 3   | 2.2  | 1800 | 182/4TC | <a href="#">00318XT3ER182TC</a> | <b>\$1,397</b> | XT           | 128                           | 1.15           | 3.91           | 89.5        | 17.082             | 230/460     | 15;39 |
| 5   | 3.7  | 1800 | 182/4TC | <a href="#">00518XT3ER184TC</a> | <b>\$1,409</b> | XT           | 142                           | 1.15           | 6.57           | 89.5        | 17.082             | 230/460     | 15;39 |
| 7.5 | 5.5  | 1800 | 213/5TC | <a href="#">00718XT3ER213TC</a> | <b>\$2,118</b> | XT           | 186                           | 1.15           | 9.41           | 91.7        | 19.450             | 230/460     | 15    |
| 10  | 7.5  | 1800 | L215TC  | <a href="#">01018XT3ER215TC</a> | <b>\$2,220</b> | XT           | 220                           | 1.15           | 12.7           | 91.7        | 23.493             | 230/460     | 15    |
| 15  | 11   | 1800 | 254TC   | <a href="#">01518XT3ER254TC</a> | <b>\$3,029</b> | XT           | 320                           | 1.15           | 18.4           | 92.4        | 25.025             | 230/460     | 15    |
| 20  | 15   | 1800 | 256TC   | <a href="#">02018XT3ER256TC</a> | <b>\$3,391</b> | XT           | 403                           | 1.15           | 25.0           | 93.0        | 26.773             | 230/460     | 15    |
| 25  | 18.5 | 1800 | 284TC   | <a href="#">02518XT3ER284TC</a> | <b>\$4,340</b> | XT           | 523                           | 1.15           | 29.9           | 93.6        | 28.651             | 230/460     | 15    |
| 30  | 22   | 1800 | 286TC   | <a href="#">03018XT3ER286TC</a> | <b>\$4,758</b> | XT           | 548                           | 1.15           | 36.0           | 93.6        | 30.149             | 230/460     | 15    |
| 40  | 30   | 1800 | 324TC   | <a href="#">04018XT3ER324TC</a> | <b>\$6,027</b> | XT           | 702                           | 1.15           | 48.2           | 94.1        | 32.240             | 230/460     | 15    |
| 50  | 37   | 1800 | 326TC   | <a href="#">05018XT3ER326TC</a> | <b>\$7,215</b> | XT           | 739                           | 1.15           | 60.6           | 94.5        | 33.744             | 230/460     | 15    |



### JP - Foot Mount

| HP | kW  | RPM  | Frame   | Catalog Number                 | List Price     | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|----|-----|------|---------|--------------------------------|----------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 3  | 2.2 | 1800 | 182/4JP | <a href="#">00318XT3E182JP</a> | <b>\$1,586</b> | XT           | 119                           | 1.15           | 3.91           | 89.5        | 20.431             | 230/460     |       |
|    |     | 1800 | 182/4JP | <a href="#">00318XT3H182JP</a> | <b>\$1,586</b> | XT           | 119                           | 1.15           | 3.13           | 89.5        | 20.431             | 575         |       |
| 5  | 3.7 | 1800 | 182/4JP | <a href="#">00518XT3E184JP</a> | <b>\$1,609</b> | XT           | 136                           | 1.15           | 6.57           | 89.5        | 20.306             | 230/460     | 39    |
|    |     | 1800 | 182/4JP | <a href="#">00518XT3H184JP</a> | <b>\$1,609</b> | XT           | 136                           | 1.15           | 5.26           | 89.5        | 20.306             | 575         | 39    |

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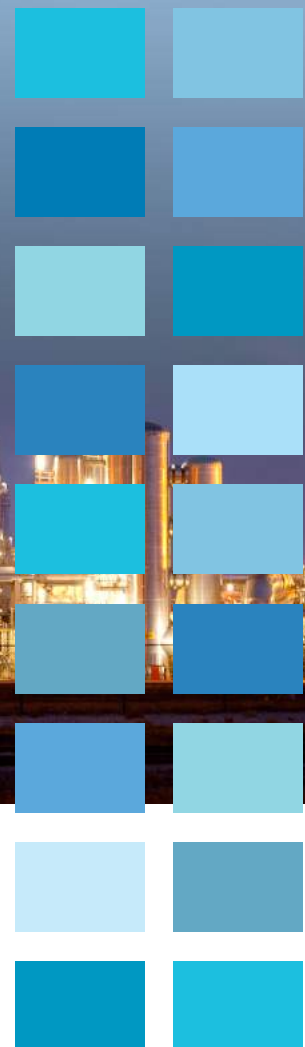
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**A-129**



# Three-Phase IEC - Flameproof Motors

## ATEX Motors

EXPLOSION PROOF

**TEFC - Ex db - IE3**

- 50 Hz and 60 Hz rated (1.00 Service Factor)
- Class F insulation (impregnation resin and magnet wire are class H)
- F3 mounted as standard
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 225 and up)
- Gasketed conduit box
- Zone 1 and 2, Groups IIA and IIB, class of temperature T4
- Suitable for WYE/Delta Start
- Design N
- Conductive plastic fan (frames 63 up to 315)
- Aluminum fan (frame 355)
- Lip Seal on both endshields
- Thermistors 1 per phase
- IP56
- CT: 2:1
- VFD Suitable



Explosion Proof  
Motors





# Explosion Proof Motors

THREE -PHASE

## ATEX Foot Mount

| HP  | kW   | RPM        | Frame  | Catalog Number       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V)              | Notes     |
|-----|------|------------|--------|----------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|--------------------------|-----------|
| 1   | 0.75 | 3000//3600 | 90S/L  | E0.7536XP3WAX90SF3-W | \$1,267    | XD           | 68                            | 1.00           | 1.69           | 79.2       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 90S/L  | E0.7518XP3WAX90SF3-W | \$1,283    | XD           | 91                            | 1.00           | 1.66           | 80.4       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 90S/L  | E0.7512XP3WAX90LF3-W | \$1,199    | XD           | 75                            | 1.00           | 1.92           | 76.4       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
| 1.5 | 1.1  | 3000//3600 | 90S/L  | E00136XP3WAX90SF3-W  | \$1,318    | XD           | 68                            | 1.00           | 2.33           | 81.0       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 90S/L  | E00118XP3WAX90LF3-W  | \$1,334    | XD           | 75                            | 1.00           | 2.45           | 82.1       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 90S/L  | E00112XP3WAX90LF3-W  | \$1,588    | XD           | 75                            | 1.00           | 2.80           | 78.1       | 15.118             | 220-240/380-415//440-460 | 1;8;27    |
| 2   | 1.5  | 3000//3600 | 90S/L  | E00156XP3WAX90SF3-W  | \$1,371    | XD           | 60                            | 1.00           | 3.12           | 82.5       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 100L   | E00158XP3WAX100LF3-W | \$1,488    | XD           | 123                           | 1.00           | 3.16           | 83.7       | 17.244             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 100L   | E00152XP3WAX100LF3-W | \$1,757    | XD           | 101                           | 1.00           | 3.71           | 80.3       | 17.244             | 220-240/380-415//440-460 | 1;8;27,51 |
| 3   | 2.2  | 3000//3600 | 90S/L  | E00236XP3WAX90LF3-W  | \$1,534    | XD           | 51                            | 1.00           | 4.56           | 83.9       | 15.118             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 100L   | E00218XP3WAX100LF3-W | \$1,783    | XD           | 136                           | 1.00           | 4.56           | 84.9       | 17.244             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 112M   | E00212XP3YAX112MF3-W | \$2,040    | XD           | 126                           | 1.00           | 6.04           | 84.4       | 17.953             | 380-415/660-690//440-460 | 1;8;27,51 |
| 4   | 3    | 3000//3600 | 100L   | E00336XP3WAX100LF3-W | \$1,918    | XD           | 130                           | 1.00           | 5.85           | 85.0       | 17.244             | 220-240/380-415//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 112M   | E00318XP3YAX112MF3-W | \$2,137    | XD           | 145                           | 1.00           | 6.09           | 87.9       | 17.953             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 132S/M | E00312XP3YAX132SF3-W | \$3,224    | XD           | 180                           | 1.00           | 7.34           | 83.6       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
| 5.5 | 4    | 3000//3600 | 112M   | E00436XP3YAX112MF3-W | \$2,414    | XD           | 164                           | 1.00           | 7.50           | 86.3       | 17.953             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 112M   | E00418XP3YAX112MF3-W | \$2,468    | XD           | 147                           | 1.00           | 8.00           | 87.0       | 17.953             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 132S/M | E00412XP3YAX132MF3-W | \$3,607    | XD           | 202                           | 1.00           | 9.50           | 84.9       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
| 7.5 | 5.5  | 3000//3600 | 132S/M | E00536XP3YAX132SF3-W | \$3,083    | XD           | 239                           | 1.00           | 10.6           | 87.3       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 132S/M | E00518XP3YAX132SF3-W | \$3,025    | XD           | 247                           | 1.00           | 10.4           | 87.7       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 132S/M | E00512XP3YAX132MF3-W | \$3,800    | XD           | 219                           | 1.00           | 12.9           | 86.2       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
| 10  | 7.5  | 3000//3600 | 132S/M | E00736XP3YAX132SF3-W | \$3,556    | XD           | 252                           | 1.00           | 13.8           | 88.7       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1500//1800 | 132S/M | E00718XP3YAX132MF3-W | \$3,685    | XD           | 224                           | 1.00           | 13.9           | 89.4       | 20.630             | 380-415/660-690//440-460 | 1;8;27,51 |
|     |      | 1000//1200 | 160M/L | E00712XP3YAX160MF3-W | \$5,017    | XD           | 350                           | 1.00           | 14.7           | 88.5       | 28.228             | 380-415/660-690//440-460 | 1;8;27,51 |

continued on next page

Explosion Proof Motors

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A-131

# Explosion Proof Motors



THREE -PHASE



## TEFC – Ex db - IE3

| HP  | KW   | RPM        | Frame  | Catalog Number       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL Eff (%) | "C" Dimension (in) | Voltage (V)              | Notes  |
|-----|------|------------|--------|----------------------|------------|--------------|-------------------------------|----------------|----------------|------------|--------------------|--------------------------|--------|
| 1   | 0.75 | 3000//3600 | 80     | E0.7536XT3WAX80F3-W2 | \$1,432    | XD           | 51                            | 1              | 1.65           | 81.1       | 12.205             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1500//1800 | 80     | E0.7518XT3WAX80F3-W2 | \$1,450    | XD           | 55                            | 1              | 1.66           | 82.5       | 12.205             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1000//1200 | 90S/L  | E0.7512XT3WAX90LF3-W | \$1,355    | XD           | 103                           | 1              | 1.91           | 79.1       | 15.118             | 220-240/380-415//440-460 | 1;8;27 |
| 1.5 | 1.1  | 3000//3600 | 80     | E00136XT3WAX80F3-W2  | \$1,489    | XD           | 53                            | 1              | 2.32           | 83.4       | 12.205             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1500//1800 | 90S/L  | E00118XT3WAX90LF3-W  | \$1,507    | XD           | 100                           | 1              | 2.34           | 84.8       | 15.118             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1000//1200 | 100L   | E00112XT3WAX100LF3-W | \$1,794    | XD           | 108                           | 1              | 2.76           | 81.5       | 17.244             | 220-240/380-415//440-460 | 1;8;27 |
| 2   | 1.5  | 3000//3600 | 90S/L  | E00156XT3WAX90SF3-W  | \$1,549    | XD           | 96                            | 1              | 3.1            | 84.2       | 15.118             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1500//1800 | 90S/L  | E00158XT3WAX90LF3-W  | \$1,681    | XD           | 106                           | 1              | 3.16           | 85.7       | 15.118             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1000//1200 | 100L   | E00152XT3WAX100LF3-W | \$1,985    | XD           | 119                           | 1              | 3.71           | 82.8       | 17.244             | 220-240/380-415//440-460 | 1;8;27 |
| 3   | 2.2  | 3000//3600 | 90S/L  | E00236XT3WAX90LF3-W  | \$1,733    | XD           | 103                           | 1              | 4.37           | 86.5       | 15.118             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1500//1800 | 100L   | E00218XT3WAX100LF3-W | \$2,015    | XD           | 115                           | 1              | 4.56           | 87.2       | 17.244             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1000//1200 | 112M   | E00212XT3YAX112MF3-W | \$2,305    | XD           | 157                           | 1              | 5.24           | 84.7       | 17.953             | 380-415/660-690//440-460 | 1;8;27 |
| 4   | 3    | 3000//3600 | 100L   | E00336XT3WAX100LF3-W | \$2,167    | XD           | 115                           | 1              | 5.68           | 87.4       | 17.244             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1500//1800 | 100L   | E00318XT3WAX100LF3-W | \$2,415    | XD           | 136                           | 1              | 6.07           | 88.1       | 17.244             | 220-240/380-415//440-460 | 1;8;27 |
|     |      | 1000//1200 | 132S/M | E00312XT3YAX132SF3-W | \$3,643    | XD           | 214                           | 1              | 6.87           | 85.6       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
| 5.5 | 4    | 3000//3600 | 112M   | E00436XT3YAX112MF3-W | \$2,728    | XD           | 146                           | 1              | 7.58           | 88.4       | 17.953             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 112M   | E00418XT3YAX112MF3-W | \$2,789    | XD           | 157                           | 1              | 8.35           | 88.9       | 17.953             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 132S/M | E00412XT3YAX132MF3-W | \$4,076    | XD           | 214                           | 1              | 9.03           | 86.8       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
| 7.5 | 5.5  | 3000//3600 | 132S/M | E00536XT3YAX132SF3-W | \$3,484    | XD           | 196                           | 1              | 10.6           | 89.2       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 132S/M | E00518XT3YAX132SF3-W | \$3,418    | XD           | 207                           | 1              | 10.4           | 89.8       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 132S/M | E00512XT3YAX132MF3-W | \$4,294    | XD           | 254                           | 1              | 13             | 88         | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
| 10  | 7.5  | 3000//3600 | 132S/M | E00736XT3YAX132SF3-W | \$4,018    | XD           | 214                           | 1              | 13.9           | 90.3       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 132S/M | E00718XT3YAX132MF3-W | \$4,164    | XD           | 225                           | 1              | 13.9           | 90.4       | 20.63              | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 160M/L | E00712XT3YAX160MF3-W | \$5,669    | XD           | 381                           | 1              | 14.6           | 89.1       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
| 15  | 11   | 3000//3600 | 160M/L | E01136XT3YAX160MF3-W | \$4,687    | XD           | 405                           | 1              | 20.2           | 91.4       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 160M/L | E01118XT3YAX160MF3-W | \$4,691    | XD           | 388                           | 1              | 20.7           | 91.4       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 160M/L | E01112XT3YAX160LF3-W | \$5,968    | XD           | 430                           | 1              | 21.7           | 90.5       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
| 20  | 15   | 3000//3600 | 160M/L | E01536XT3YAX160MF3-W | \$5,564    | XD           | 422                           | 1              | 27.7           | 91.9       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 160M/L | E01518XT3YAX160LF3-W | \$5,207    | XD           | 441                           | 1              | 28             | 92.1       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 180M/L | E01512XT3YAX180LF3-W | \$7,273    | XD           | 542                           | 1              | 27.8           | 91.6       | 29.606             | 380-415/660-690//440-460 | 1;8;27 |
| 25  | 18.5 | 3000//3600 | 160M/L | E01836XT3YAX160LF3-W | \$6,684    | XD           | 441                           | 1              | 33.6           | 92.4       | 28.228             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 180M/L | E01818XT3YAX180MF3-W | \$6,847    | XD           | 542                           | 1              | 34.7           | 92.6       | 29.606             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 200M/L | E01812XT3YAX200LF3-W | \$9,468    | XD           | 646                           | 1              | 36.5           | 91.7       | 32.323             | 380-415/660-690//440-460 | 1;8;27 |
| 30  | 22   | 3000//3600 | 180M/L | E02236XT3YAX180MF3-W | \$8,022    | XD           | 503                           | 1              | 39.3           | 92.7       | 29.606             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 180M/L | E02218XT3YAX180LF3-W | \$7,578    | XD           | 562                           | 1              | 40.6           | 93         | 29.606             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 200M/L | E02212XT3YAX200LF3-W | \$10,720   | XD           | 695                           | 1              | 42             | 92.2       | 32.323             | 380-415/660-690//440-460 | 1;8;27 |
| 40  | 30   | 3000//3600 | 200M/L | E03036XT3YAX200LF3-W | \$9,971    | XD           | 646                           | 1              | 53.9           | 93.3       | 32.323             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 200M/L | E03018XT3YAX200LF3-W | \$9,850    | XD           | 695                           | 1              | 56.4           | 93.6       | 32.323             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 225S/M | E03012XT3YAX225SMF3W | \$14,618   | XD           | 1138                          | 1              | 54.7           | 93         | 37.441             | 380-415/660-690//440-460 | 1;8;27 |
| 50  | 37   | 3000//3600 | 200M/L | E03736XT3YAX200LF3-W | \$12,218   | XD           | 670                           | 1              | 67             | 93.7       | 32.323             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 225S/M | E03718XT3YAX225SMF3W | \$12,542   | XD           | 1087                          | 1              | 66             | 93.9       | 37.441             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 250S/M | E03712XT3YAX250SMF3W | \$17,149   | XD           | 1363                          | 1              | 65.5           | 93.5       | 39.724             | 380-415/660-690//440-460 | 1;8;27 |
| 60  | 45   | 3000//3600 | 225S/M | E04536XT3YAX225SMF3W | \$19,498   | XD           | 1105                          | 1              | 76.4           | 94.2       | 36.26              | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1500//1800 | 225S/M | E04518XT3YAX225SMF3W | \$14,516   | XD           | 1153                          | 1              | 80.9           | 94.4       | 37.441             | 380-415/660-690//440-460 | 1;8;27 |
|     |      | 1000//1200 | 280S/M | E04512XT3YAX280SMF3W | \$24,345   | XD           | 1910                          | 1              | 82.2           | 94         | 44.705             | 380-415/660-690//440-460 | 1;8;27 |

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TEFC – Ex db - IE3 - *continued*

| HP  | kW  | RPM        | Frame  | Catalog Number       | List Price | Mult. Symbol | Approx. Shipping Weight (lbs) | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V)              | Notes  |
|-----|-----|------------|--------|----------------------|------------|--------------|-------------------------------|----------------|----------------|-------------|--------------------|--------------------------|--------|
| 75  | 55  | 3000//3600 | 250S/M | E05536XT3YAX250SMF3W | \$24,417   | XD           | 1270                          | 1              | 95.4           | 94.4        | 39.724             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 250S/M | E05518XT3YAX250SMF3W | \$21,508   | XD           | 1380                          | 1              | 97.5           | 94.6        | 39.724             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 280S/M | E05512XT3YAX280SMF3W | \$30,872   | XD           | 2007                          | 1              | 100            | 94.3        | 44.705             | 380-415/660-690//440-460 | 1;8;27 |
| 100 | 75  | 3000//3600 | 280S/M | E07536XT3YAX280SMF3W | \$34,180   | XD           | 1910                          | 1              | 126            | 94.9        | 44.705             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 280S/M | E07518XT3YAX280SMF3W | \$27,104   | XD           | 2040                          | 1              | 134            | 95.2        | 44.705             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 315S/M | E07512XT3YAX315SMF3W | \$35,180   | XD           | 2518                          | 1              | 137            | 95          | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
| 125 | 90  | 3000//3600 | 280S/M | E09036XT3YAX280SMF3W | \$40,751   | XD           | 2040                          | 1              | 149            | 95.2        | 44.705             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 280S/M | E09018XT3YAX280SMF3W | \$37,526   | XD           | 2137                          | 1              | 158            | 95.4        | 44.705             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 315S/M | E09012XT3YAX315SMF3W | \$45,340   | XD           | 2743                          | 1              | 162            | 95.2        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
| 150 | 110 | 3000//3600 | 315S/M | E11036XT3YAX315SMF3W | \$48,322   | XD           | 2443                          | 1              | 187            | 95.4        | 50.472             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 315S/M | E11018XT3YAX315SMF3W | \$42,766   | XD           | 2593                          | 1              | 189            | 95.5        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 315S/M | E11012XT3YAX315SMF3W | \$54,984   | XD           | 2893                          | 1              | 196            | 95.1        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
| 175 | 132 | 3000//3600 | 315S/M | E13236XT3YAX315SMF3W | \$61,092   | XD           | 2593                          | 1              | 218            | 95.6        | 50.472             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 315S/M | E13218XT3YAX315SMF3W | \$51,911   | XD           | 2781                          | 1              | 226            | 95.6        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 315S/M | E13212XT3YAX315SMF3W | \$93,051   | XD           | 3118                          | 1              | 240            | 95.6        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
| 220 | 160 | 3000//3600 | 315S/M | E16036XT3YAX315SMF3W | \$76,056   | XD           | 2743                          | 1              | 264            | 95.8        | 50.472             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 315S/M | E16018XT3YAX315SMF3W | \$56,646   | XD           | 2968                          | 1              | 273            | 95.8        | 51.654             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 315L   | E16012XT3YAX315LF3-W | \$101,880  | XD           | 3473                          | 1              | 287            | 95.8        | 55.984             | 380-415/660-690//440-460 | 1;8;27 |
| 270 | 200 | 3000//3600 | 315L   | E20036XT3YAX315LF3-W | \$114,087  | XD           | 3058                          | 1              | 326            | 95.8        | 54.803             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 315L   | E20018XT3YAX315LF3-W | \$91,423   | XD           | 3303                          | 1              | 333            | 96.1        | 55.984             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 355M/L | E20012XT3YAX355MLF3W | \$124,447  | XD           | 4567                          | 1              | 367            | 95.9        | 61.358             | 380-415/660-690//440-460 | 1;8;27 |
| 340 | 250 | 3000//3600 | 315L   | E25036XT3YAX315LF3-W | \$125,854  | XD           | 3477                          | 1              | 398            | 96          | 54.803             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1500//1800 | 315L   | E25018XT3YAX315LF3-W | \$107,240  | XD           | 3616                          | 1              | 424            | 96.4        | 55.984             | 380-415/660-690//440-460 | 1;8;27 |
|     |     | 1000//1200 | 355M/L | E25012XT3YAX355MLF3W | \$150,638  | XD           | 5263                          | 1              | 464            | 96          | 61.358             | 380-415/660-690//440-460 | 1;8;27 |
| 430 | 315 | 1500//1800 | 355M/L | E31518XT3YAX355MLF3W | \$122,650  | XD           | 4939                          | 1              | 543            | 96          | 61.358             | 380-415/660-690//440-460 | 1;8;27 |

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- Models in black text are Standard Efficiency
- Models in blue text are NEMA Premium® Efficiency
- Models in green text are NEMA Super Premium Efficiency

## Catalog Notes

|    |                                                                                                  |    |                                                                                      |
|----|--------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------|
| 1  | 1.0 Service Factor                                                                               | 31 | Rating is suitable for 1.0SF @ 50Hz. Also suitable for next lower HP @ 1.15SF 50Hz   |
| 2  | Aluminum Frame with Removable Feet                                                               | 32 | Suitable for 1.15SF @ 50°C ambient                                                   |
| 3  | Automatic Reset Thermal Overload Protector                                                       | 33 | Suitable for 380V 60Hz when wired as YY (double WYE)                                 |
| 4  | Manual Reset Thermal Overload Protector                                                          | 34 | AEGIS® Inside                                                                        |
| 5  | CCW Rotation Viewed from Shaft End - Non Reversible                                              | 35 | AEGIS® ring installation reduces the available "N-W" length                          |
| 6  | Compressor Duty                                                                                  | 36 | Super Premium                                                                        |
| 7  | F2 Mount                                                                                         | 37 | Design A                                                                             |
| 8  | F3 Mount                                                                                         | 38 | TEAO - Totally Enclosed Air Over                                                     |
| 9  | Rolled Steel Frame - Cannot be modified with T Box on opposite side                              | 39 | Cannot be modified with T Box on opposite side                                       |
| 10 | Not Thermally Protected                                                                          | 40 | NDE shaft with 3/8" drive socket                                                     |
| 11 | Metal fan - Not suitable for division 2                                                          | 41 | Also rated 230/460V 50Hz 1.0 SF                                                      |
| 12 | Reduced Frame                                                                                    | 42 | Rated 50°C ambient                                                                   |
| 13 | Resilient Base                                                                                   | 43 | With insulated non drive end housing                                                 |
| 14 | Roller Bearing                                                                                   | 44 | With air deflector. Flange MOD not available                                         |
| 15 | Round Body - Drip Cover Included                                                                 | 45 | Also rated 380V 50Hz                                                                 |
| 16 | Split-Phase Motor                                                                                | 46 | 56J shaft end with dual opposed threads (7/16-20 UNF-2A R.H and 3/8-16 UNF-2A L.H)   |
| 17 | TENV - Totally Enclosed Non Ventilated                                                           | 47 | Motor designed with copper bar rotor                                                 |
| 18 | Z-Frame; Bigger Shaft Diameter and Bearings                                                      | 48 | Motor suitable for safe area only                                                    |
| 19 | 105K Tempature Rise; VFD service requires HP derate                                              | 49 | Rating suitable for replat to 1.15SF on variable torque VFD power                    |
| 20 | Round Body - Drip Cover NOT Included                                                             | 50 | Rating requires replat to Class H insulation for 1.15SF on variable torque VFD power |
| 21 | Stainless Steel Body                                                                             | 51 | Not normally stocked. Factory build lead time may apply                              |
| 22 | Two Speed - Double Windings                                                                      |    |                                                                                      |
| 23 | Two Speed - Single Winding                                                                       |    |                                                                                      |
| 24 | Modified item. Usually ships in two weeks                                                        |    |                                                                                      |
| 25 | Brake rectifier suitable for 230VAC                                                              |    |                                                                                      |
| 26 | Brake rectifier suitable for 460VAC                                                              |    |                                                                                      |
| 27 | For Export Only (not to be used in the USA) due to Certification and/or Efficiency requirements. |    |                                                                                      |
| 28 | ODP Fan Cooled                                                                                   |    |                                                                                      |
| 29 | Standard Efficiency                                                                              |    |                                                                                      |
| 30 | High Efficiency (EPACT)                                                                          |    |                                                                                      |