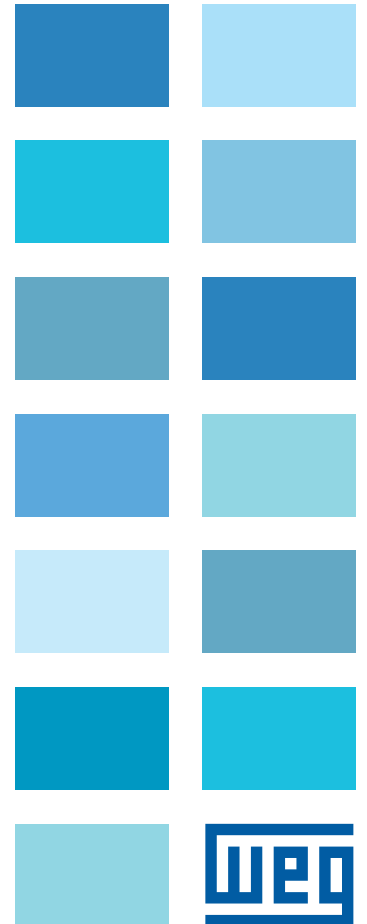
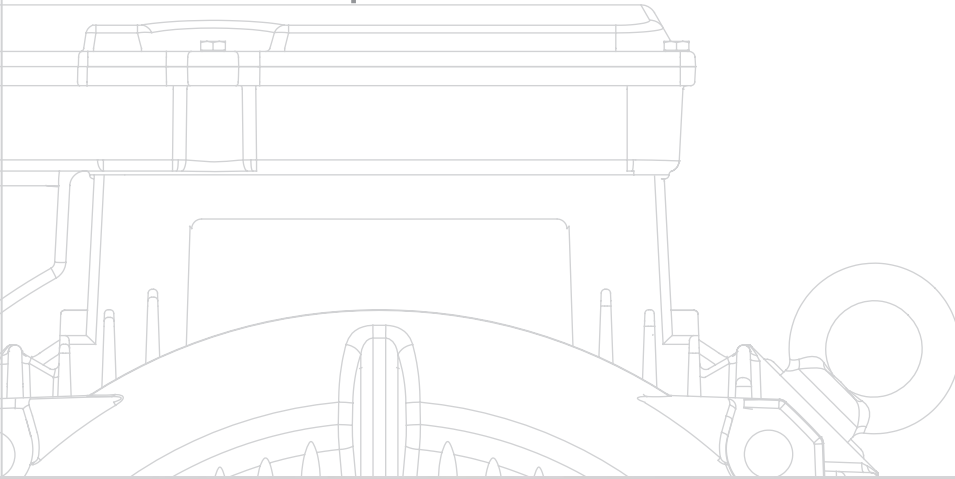


IEEE Std 841™ - 2009

NEMA Premium®
Efficiency Motors
with Inpro/Seal

- Tough
- Reliable
- Durable
- Quality



IEEE Std 841™ - 2009

WEG's IEEE841 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 an improved cooling system and solid feet for cooler operation and reduced 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
 - All Silicon C4 coated lamination steel 254T and larger for reliability and repairability – withstands burnout temperatures of 500°C(935°F) without loss of insulating properties. This allows the motor to be rewound back to the original efficiency.
- 1.25 service factor up to 100 HP
 - Inpro/Seal 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 Test Report in conduit box
 - High Quality Silicon Steel laminations

Features that make a difference:

Inverter Rated¹:
1000:1 for variable torque
20:1 for constant torque

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

¹ - Winding and bearing temperatures may exceed values in standard for sine wave operation, when operated on VFD



NEMA PREMIUM EFFICIENCY MOTORS
IEEE 841 - THREE PHASE
TEFC - FOOT MOUNT - NEMA PREMIUM

| HP | kW | RPM | NEMA Frame | Catalog Number | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|------------|---------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 1 | 0.75 | 1800 | 143T | 00118ST3HIE143T-W22 | 1.25 | 1.13 | 85.5 | 12.346 | 575 | |
| | | 1800 | 143T | 00118ST3QIE143T-W22 | 1.25 | 1.41 | 85.5 | 12.346 | 460 | |
| | | 1200 | 145T | 00112ST3HIE145T-W22 | 1.25 | 1.38 | 82.5 | 13.346 | 575 | |
| | | 1200 | 145T | 00112ST3QIE145T-W22 | 1.25 | 1.73 | 82.5 | 13.346 | 460 | |
| | | 900 | 182T | 00109ST3QIE182T-W22 | 1.25 | 2.30 | 78.5 | 14.860 | 460 | |
| 1.5 | 1.1 | 3600 | 143T | 00156ST3HIE143T-W22 | 1.25 | 1.53 | 84.0 | 12.346 | 575 | |
| | | 3600 | 143T | 00156ST3QIE143T-W22 | 1.25 | 1.91 | 84.0 | 12.346 | 460 | |
| | | 1800 | 145T | 00158ST3HIE145T-W22 | 1.25 | 1.62 | 86.5 | 13.346 | 575 | |
| | | 1800 | 145T | 00158ST3QIE145T-W22 | 1.25 | 2.02 | 86.5 | 13.346 | 460 | |
| | | 1200 | 182T | 00152ST3HIE182T-W22 | 1.25 | 1.91 | 87.5 | 14.860 | 575 | |
| | | 1200 | 182T | 00152ST3QIE182T-W22 | 1.25 | 2.39 | 87.5 | 14.860 | 460 | |
| | | 900 | 184T | 00159ST3QIE184T-W22 | 1.25 | 2.70 | 82.5 | 15.860 | 460 | |
| 2 | 1.5 | 3600 | 145T | 00236ST3HIE145T-W22 | 1.25 | 2.02 | 85.5 | 13.346 | 575 | |
| | | 3600 | 145T | 00236ST3QIE145T-W22 | 1.25 | 2.53 | 85.5 | 13.346 | 460 | |
| | | 1800 | 145T | 00218ST3HIE145T-W22 | 1.25 | 2.09 | 86.5 | 13.346 | 575 | |
| | | 1800 | 145T | 00218ST3QIE145T-W22 | 1.25 | 2.61 | 86.5 | 13.346 | 460 | |
| | | 1200 | 184T | 00212ST3HIE184T-W22 | 1.25 | 2.58 | 88.5 | 15.860 | 575 | |
| | | 1200 | 184T | 00212ST3QIE184T-W22 | 1.25 | 3.23 | 88.5 | 15.860 | 460 | |
| | | 900 | 213T | 00209ST3QIE213T-W22 | 1.25 | 3.39 | 85.5 | 18.021 | 460 | |
| | | 3600 | 182T | 00336ST3HIE182T-W22 | 1.25 | 2.90 | 86.5 | 14.860 | 575 | |
| | | 3600 | 182T | 00336ST3QIE182T-W22 | 1.25 | 3.63 | 86.5 | 14.860 | 460 | |
| 3 | 2.2 | 1800 | 182T | 00318ST3HIE182T-W22 | 1.25 | 3.10 | 89.5 | 14.860 | 575 | |
| | | 1800 | 182T | 00318ST3QIE182T-W22 | 1.25 | 3.88 | 89.5 | 14.860 | 460 | |
| | | 1200 | 213T | 00312ST3HIE213T-W22 | 1.25 | 3.53 | 89.5 | 18.021 | 575 | |
| | | 1200 | 213T | 00312ST3QIE213T-W22 | 1.25 | 4.41 | 89.5 | 18.021 | 460 | |
| | | 900 | 215T | 00309ST3QIE215T-W22 | 1.25 | 4.56 | 85.5 | 19.517 | 460 | |
| | | 3600 | 184T | 00536ST3HIE184T-W22 | 1.25 | 4.72 | 88.5 | 15.860 | 575 | |
| | | 3600 | 184T | 00536ST3QIE184T-W22 | 1.25 | 5.90 | 88.5 | 15.860 | 460 | |
| | | 1800 | 184T | 00518ST3HIE184T-W22 | 1.25 | 5.16 | 89.5 | 15.860 | 575 | |
| | | 1800 | 184T | 00518ST3QIE184T-W22 | 1.25 | 6.45 | 89.5 | 15.860 | 460 | |
| 5 | 3.7 | 1200 | 215T | 00512ST3HIE215T-W22 | 1.25 | 5.46 | 89.5 | 19.517 | 575 | |
| | | 1200 | 215T | 00512ST3QIE215T-W22 | 1.25 | 6.83 | 89.5 | 19.517 | 460 | |
| | | 900 | 254T | 00509ST3QIE254T-W22 | 1.25 | 7.58 | 87.5 | 23.213 | 460 | |
| | | 3600 | 213T | 00736ST3HIE213T-W22 | 1.25 | 7.01 | 89.5 | 18.021 | 575 | |
| | | 3600 | 213T | 00736ST3QIE213T-W22 | 1.25 | 8.76 | 89.5 | 18.021 | 460 | |
| | | 1800 | 213T | 00718ST3HIE213T-W22 | 1.25 | 7.20 | 91.7 | 18.021 | 575 | |
| | | 1800 | 213T | 00718ST3QIE213T-W22 | 1.25 | 9.00 | 91.7 | 18.021 | 460 | |
| 7.5 | 5.5 | 1200 | 254T | 00712ST3HIE254T-W22 | 1.25 | 7.58 | 91.0 | 23.213 | 575 | |
| | | 1200 | 254T | 00712ST3QIE254T-W22 | 1.25 | 9.48 | 91.0 | 23.213 | 460 | |
| | | 900 | 256T | 00709ST3QIE256T-W22 | 1.25 | 11.1 | 87.5 | 24.945 | 460 | |
| | | 3600 | 215T | 01036ST3HIE215T-W22 | 1.25 | 9.28 | 90.2 | 19.517 | 575 | |
| | | 3600 | 215T | 01036ST3QIE215T-W22 | 1.25 | 11.6 | 90.2 | 19.517 | 460 | |
| | | 1800 | 215T | 01018ST3HIE215T-W22 | 1.25 | 9.92 | 91.7 | 19.517 | 575 | |
| | | 1800 | 215T | 01018ST3QIE215T-W22 | 1.25 | 12.4 | 91.7 | 19.517 | 460 | |
| 10 | 7.5 | 1200 | 256T | 01012ST3HIE256T-W22 | 1.25 | 10.3 | 91.0 | 24.945 | 575 | |
| | | 1200 | 256T | 01012ST3QIE256T-W22 | 1.25 | 12.9 | 91.0 | 24.945 | 460 | |
| | | 900 | 284T | 01009ST3QIE284T-W22 | 1.25 | 13.4 | 90.2 | 26.433 | 460 | |
| | | 3600 | 254T | 01536ST3HIE254T-W22 | 1.25 | 13.8 | 91.0 | 23.213 | 575 | |
| | | 3600 | 254T | 01536ST3QIE254T-W22 | 1.25 | 17.2 | 91.0 | 23.213 | 460 | |
| | | 1800 | 254T | 01518ST3HIE254T-W22 | 1.25 | 14.4 | 92.4 | 23.213 | 575 | |
| | | 1800 | 254T | 01518ST3QIE254T-W22 | 1.25 | 18.0 | 92.4 | 23.213 | 460 | |
| 15 | 11 | 1200 | 284T | 01512ST3HIE284T-W22 | 1.25 | 14.3 | 91.7 | 26.433 | 575 | |
| | | 1200 | 284T | 01512ST3QIE284T-W22 | 1.25 | 17.9 | 91.7 | 26.433 | 460 | |
| | | 900 | 286T | 01509ST3QIE286T-W22 | 1.25 | 19.4 | 90.2 | 27.929 | 460 | |

NEMA PREMIUM EFFICIENCY MOTORS
IEEE 841 - THREE PHASE
TEFC - FOOT MOUNT - NEMA PREMIUM

| HP | kW | RPM | NEMA Frame | Catalog Number | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|--------|---------------------|------------|----------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 20 | 15 | 3600 | 256T | 02036ST3HIE256T-W22 | 1.25 | 18.6 | 91.0 | 24.945 | 575 | |
| | | 3600 | 256T | 02036ST3QIE256T-W22 | 1.25 | 23.2 | 91.0 | 24.945 | 460 | |
| | | 1800 | 256T | 02018ST3HIE256T-W22 | 1.25 | 19.3 | 93.0 | 24.945 | 575 | |
| | | 1800 | 256T | 02018ST3QIE256T-W22 | 1.25 | 24.1 | 93.0 | 24.945 | 460 | |
| | | 1200 | 286T | 02012ST3HIE286T-W22 | 1.25 | 19.4 | 91.7 | 27.929 | 575 | |
| | | 1200 | 286T | 02012ST3QIE286T-W22 | 1.25 | 24.2 | 91.7 | 27.929 | 460 | |
| | | 900 | 324T | 02009ST3QIE324T-W22 | 1.25 | 28.3 | 91.0 | 29.620 | 460 | |
| 25 | 18.5 | 3600 | 284TS | 02536ST3HIE284TS-W22 | 1.25 | 22.8 | 91.7 | 25.061 | 575 | |
| | | 3600 | 284TS | 02536ST3QIE284TS-W22 | 1.25 | 28.5 | 91.7 | 25.061 | 460 | |
| | | 1800 | 284T | 02518ST3HIE284T-W22 | 1.25 | 23.6 | 93.6 | 26.433 | 575 | |
| | | 1800 | 284T | 02518ST3QIE284T-W22 | 1.25 | 29.5 | 93.6 | 26.433 | 460 | |
| | | 1200 | 324T | 02512ST3HIE324T-W22 | 1.25 | 24.3 | 93.0 | 29.620 | 575 | |
| | | 1200 | 324T | 02512ST3QIE324T-W22 | 1.25 | 30.4 | 93.0 | 29.620 | 460 | |
| | | 900 | 326T | 02509ST3QIE326T-W22 | 1.25 | 35.9 | 91.0 | 31.116 | 460 | |
| 30 | 22 | 3600 | 286TS | 03036ST3HIE286TS-W22 | 1.25 | 27.0 | 91.7 | 26.557 | 575 | |
| | | 3600 | 286TS | 03036ST3QIE286TS-W22 | 1.25 | 33.8 | 91.7 | 26.557 | 460 | |
| | | 1800 | 286T | 03018ST3HIE286T-W22 | 1.25 | 28.1 | 93.6 | 27.929 | 575 | |
| | | 1800 | 286T | 03018ST3QIE286T-W22 | 1.25 | 35.1 | 93.6 | 27.929 | 460 | |
| | | 1200 | 326T | 03012ST3HIE326T-W22 | 1.25 | 28.6 | 93.0 | 31.116 | 575 | |
| | | 1200 | 326T | 03012ST3QIE326T-W22 | 1.25 | 35.8 | 93.0 | 31.116 | 460 | |
| | | 900 | 364/5T | 03009ST3QIE364T-W22 | 1.25 | 37.0 | 92.4 | 34.251 | 460 | |
| 40 | 30 | 3600 | 324TS | 04036ST3HIE324TS-W22 | 1.25 | 36.6 | 92.4 | 28.120 | 575 | |
| | | 3600 | 324TS | 04036ST3QIE324TS-W22 | 1.25 | 45.8 | 92.4 | 28.120 | 460 | |
| | | 1800 | 324T | 04018ST3HIE324T-W22 | 1.25 | 38.6 | 94.1 | 29.620 | 575 | |
| | | 1800 | 324T | 04018ST3QIE324T-W22 | 1.25 | 48.2 | 94.1 | 29.620 | 460 | |
| | | 1200 | 364/5T | 04012ST3HIE364T-W22 | 1.25 | 37.2 | 94.1 | 34.251 | 575 | |
| | | 1200 | 364/5T | 04012ST3QIE364T-W22 | 1.25 | 46.5 | 94.1 | 34.251 | 460 | |
| | | 900 | 364/5T | 04009ST3QIE365T-W22 | 1.25 | 50.0 | 92.4 | 34.251 | 460 | |
| 50 | 37 | 3600 | 326TS | 05036ST3HIE326TS-W22 | 1.25 | 44.9 | 93.0 | 29.616 | 575 | |
| | | 3600 | 326TS | 05036ST3QIE326TS-W22 | 1.25 | 56.1 | 93.0 | 29.616 | 460 | |
| | | 1800 | 326T | 05018ST3HIE326T-W22 | 1.25 | 47.4 | 94.5 | 31.116 | 575 | |
| | | 1800 | 326T | 05018ST3QIE326T-W22 | 1.25 | 59.2 | 94.5 | 31.116 | 460 | |
| | | 1200 | 364/5T | 05012ST3HIE365T-W22 | 1.25 | 45.9 | 94.1 | 34.251 | 575 | |
| | | 1200 | 364/5T | 05012ST3QIE365T-W22 | 1.25 | 57.4 | 94.1 | 34.251 | 460 | |
| | | 900 | 404/5T | 05009ST3QIE404T-W22 | 1.25 | 60.0 | 93.0 | 39.730 | 460 | |
| 60 | 45 | 3600 | 364/5TS | 06036ST3HIE364TS-W22 | 1.25 | 53.6 | 93.6 | 32.276 | 575 | |
| | | 3600 | 364/5TS | 06036ST3QIE364TS-W22 | 1.25 | 67.0 | 93.6 | 32.276 | 460 | |
| | | 1800 | 364/5T | 06018ST3HIE364T-W22 | 1.25 | 54.6 | 95.0 | 34.251 | 575 | |
| | | 1800 | 364/5T | 06018ST3QIE364T-W22 | 1.25 | 68.3 | 95.0 | 34.251 | 460 | |
| | | 1200 | 404/5T | 06012ST3HIE404T-W22 | 1.25 | 55.6 | 94.5 | 39.730 | 575 | |
| | | 1200 | 404/5T | 06012ST3QIE404T-W22 | 1.25 | 69.5 | 94.5 | 39.730 | 460 | |
| | | 900 | 404/5T | 06009ST3QIE405T-W22 | 1.25 | 73.0 | 93.0 | 39.730 | 460 | |
| 75 | 55 | 3600 | 364/5TS | 07536ST3HIE365TS-W22 | 1.25 | 65.5 | 93.6 | 32.276 | 575 | |
| | | 3600 | 364/5TS | 07536ST3QIE365TS-W22 | 1.25 | 81.9 | 93.6 | 32.276 | 460 | |
| | | 1800 | 364/5T | 07518ST3HIE365T-W22 | 1.25 | 67.3 | 95.4 | 34.251 | 575 | |
| | | 1800 | 364/5T | 07518ST3QIE365T-W22 | 1.25 | 84.1 | 95.4 | 34.251 | 460 | |
| | | 1200 | 404/5T | 07512ST3HIE405T-W22 | 1.25 | 67.9 | 94.5 | 39.730 | 575 | |
| | | 1200 | 404/5T | 07512ST3QIE405T-W22 | 1.25 | 84.9 | 94.5 | 39.730 | 460 | |
| | | 1200 | 404/5T | 07512ST3QIERB405T-W2 | 1.25 | 84.9 | 94.5 | 39.730 | 460 | 14 |
| 900 | 444/5T | 07509ST3QIE444T-W22 | 1.25 | 93.0 | 93.6 | 44.950 | 460 | | | |

Notes: 14 - Roller Bearing on Drive End

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

All data subject to change without notice

NEMA PREMIUM EFFICIENCY MOTORS
IEEE 841 - THREE PHASE
TEFC - FOOT MOUNT - NEMA PREMIUM

| HP | kW | RPM | NEMA Frame | Catalog Number | Service Factor | FL Amps @ High | FL. Eff (%) | "C" Dimension (in) | Voltage (V) | Notes |
|------|---------|----------------------|------------|----------------------|----------------|----------------|-------------|--------------------|-------------|-------|
| 100 | 75 | 3600 | 404/5TS | 10036ST3HIE405TS-W22 | 1.25 | 88.0 | 94.1 | 36.732 | 575 | |
| | | 3600 | 404/5TS | 10036ST3QIE405TS-W22 | 1.25 | 110 | 94.1 | 36.732 | 460 | |
| | | 1800 | 404/5T | 10018ST3HIE405T-W22 | 1.25 | 88.8 | 95.4 | 39.730 | 575 | |
| | | 1800 | 404/5T | 10018ST3QIE405T-W22 | 1.25 | 111 | 95.4 | 39.730 | 460 | |
| | | 1800 | 404/5T | 10018ST3QIE405T-W2 | 1.25 | 111 | 95.4 | 39.730 | 460 | 14 |
| | | 1200 | 444/5T | 10012ST3HIE444T-W22 | 1.25 | 96.8 | 95.0 | 44.950 | 575 | |
| | | 1200 | 444/5T | 10012ST3QIE444T-W22 | 1.25 | 121 | 95.0 | 44.950 | 460 | |
| | | 1200 | 444/5T | 10012ST3QIERB444T-W2 | 1.25 | 121 | 95.0 | 44.950 | 460 | 14 |
| | | 900 | 444/5T | 10009ST3QIE445T-W22 | 1.25 | 127 | 94.1 | 44.950 | 460 | |
| 900 | 444/5T | 10009ST3QIERB445T-W2 | 1.25 | 127 | 94.1 | 44.950 | 460 | 14 | | |
| 125 | 90 | 3600 | 444/5TS | 12536ST3HIE444TS-W22 | 1.15 | 107 | 95.0 | 41.200 | 575 | |
| | | 3600 | 444/5TS | 12536ST3QIE444TS-W22 | 1.15 | 134 | 95.0 | 41.200 | 460 | |
| | | 1800 | 444/5T | 12518ST3HIE444T-W22 | 1.15 | 111 | 95.4 | 44.950 | 575 | |
| | | 1800 | 444/5T | 12518ST3QIE444T-W22 | 1.15 | 139 | 95.4 | 44.950 | 460 | |
| | | 1800 | 444/5T | 12518ST3QIERB444T-W2 | 1.15 | 139 | 95.4 | 44.950 | 460 | 14 |
| | | 1200 | 444/5T | 12512ST3HIE445T-W22 | 1.15 | 114 | 95.0 | 44.950 | 575 | |
| | | 1200 | 444/5T | 12512ST3QIE445T-W22 | 1.15 | 143 | 95.0 | 44.950 | 460 | |
| | | 1200 | 444/5T | 12512ST3QIERB445T-W2 | 1.15 | 143 | 95.0 | 44.950 | 460 | 14 |
| | | 900 | 445/7T | 12509ST3QIE447T-W22 | 1.15 | 151 | 94.5 | 48.701 | 460 | |
| 900 | 445/7T | 12509ST3QIERB447T-W2 | 1.15 | 151 | 94.5 | 48.701 | 460 | 14 | | |
| 150 | 110 | 3600 | 444/5TS | 15036ST3HIE445TS-W22 | 1.15 | 129 | 95.0 | 41.200 | 575 | |
| | | 3600 | 444/5TS | 15036ST3QIE445TS-W22 | 1.15 | 161 | 95.0 | 41.200 | 460 | |
| | | 1800 | 444/5T | 15018ST3HIE445T-W22 | 1.15 | 136 | 95.8 | 44.950 | 575 | |
| | | 1800 | 444/5T | 15018ST3HIERB445T-W2 | 1.15 | 136 | 95.8 | 44.950 | 575 | 14 |
| | | 1800 | 444/5T | 15018ST3QIE445T-W22 | 1.15 | 170 | 95.8 | 44.950 | 460 | |
| | | 1800 | 444/5T | 15018ST3QIERB445T-W2 | 1.15 | 170 | 95.8 | 44.950 | 460 | 14 |
| | | 1200 | 445/7T | 15012ST3HIE447T-W22 | 1.15 | 141 | 95.8 | 48.701 | 575 | |
| | | 1200 | 445/7T | 15012ST3QIE447T-W22 | 1.15 | 176 | 95.8 | 48.701 | 460 | |
| | | 1200 | 445/7T | 15012ST3QIERB447T-W2 | 1.15 | 176 | 95.8 | 48.701 | 460 | 14 |
| 900 | 445/7T | 15009ST3QIE447T-W22 | 1.15 | 185 | 94.5 | 48.701 | 460 | | | |
| 900 | 445/7T | 15009ST3QIERB447T-W2 | 1.15 | 185 | 94.5 | 48.701 | 460 | 14 | | |
| 200 | 150 | 3600 | 445/7TS | 20036ST3HIE447TS-W22 | 1.15 | 175 | 95.4 | 44.951 | 575 | |
| | | 3600 | 445/7TS | 20036ST3QIE447TS-W22 | 1.15 | 219 | 95.4 | 44.951 | 460 | |
| | | 1800 | 445/7T | 20018ST3HIE447T-W22 | 1.15 | 184 | 96.2 | 48.701 | 575 | |
| | | 1800 | 445/7T | 20018ST3QIE447T-W22 | 1.15 | 230 | 96.2 | 48.701 | 460 | |
| | | 1800 | 445/7T | 20018ST3QIERB447T-W2 | 1.15 | 230 | 96.2 | 48.701 | 460 | 14 |
| | | 1200 | 447/9T | 20012ST3HIE449T-W22 | 1.15 | 190 | 95.8 | 56.338 | 575 | |
| | | 1200 | 447/9T | 20012ST3HIERB449T-W2 | 1.15 | 190 | 95.8 | 56.338 | 575 | 14 |
| | | 1200 | 447/9T | 20012ST3QIE449T-W22 | 1.15 | 237 | 95.8 | 56.338 | 460 | |
| | | 1200 | 447/9T | 20012ST3QIERB449T-W2 | 1.15 | 237 | 95.8 | 56.338 | 460 | 14 |
| 900 | L447/9T | 20009ST3QIE449T-W22 | 1.00 | 242 | 95.0 | 57.181 | 460 | 1 | | |
| 900 | L447/9T | 20009ST3QIERB449T-W2 | 1.00 | 242 | 95.0 | 57.181 | 460 | 1;14 | | |
| 250 | 185 | 3600 | 447/9TS | 25036ST3QIE449TS-W22 | 1.15 | 266 | 95.8 | 52.940 | 460 | |
| | | 1800 | 447/9T | 25018ST3QIE449T-W22 | 1.15 | 281 | 96.2 | 56.338 | 460 | |
| | | 1800 | 447/9T | 25018ST3QIERB449T-W2 | 1.15 | 281 | 96.2 | 56.338 | 460 | 14 |
| | | 1200 | 447/9T | 25012ST3QIE449T-W22 | 1.15 | 292 | 95.8 | 56.338 | 460 | |
| | | 1200 | 447/9T | 25012ST3QIERB449T-W2 | 1.15 | 292 | 95.8 | 56.338 | 460 | 14 |
| 300 | 220 | 1800 | 447/9T | 30018ST3QIE449T-W22 | 1.15 | 330 | 96.2 | 56.338 | 460 | |
| | | 1800 | 447/9T | 30018ST3QIERB449T-W2 | 1.15 | 330 | 96.2 | 56.338 | 460 | 14 |
| | | 1200 | L447/9T | 30012ST3QIE449T-W22 | 1.15 | 351 | 95.8 | 57.181 | 460 | |
| | | 1200 | L447/9T | 30012ST3QIERB449T-W2 | 1.15 | 351 | 95.8 | 57.181 | 460 | 14 |
| 350 | 260 | 1800 | L447/9T | 35018ST3QIE449T-W22 | 1.15 | 394 | 96.2 | 56.338 | 460 | |
| | | 1800 | L447/9T | 35018ST3QIERB449T-W2 | 1.15 | 394 | 96.2 | 56.338 | 460 | 14 |
| | | 1200 | L447/9T | 35012ST3QIE449T-W22 | 1.00 | 415 | 95.8 | 57.181 | 460 | 1 |
| 1200 | L447/9T | 35012ST3QIERB449T-W2 | 1.00 | 415 | 95.8 | 57.181 | 460 | 1;14 | | |
| 400 | 300 | 1800 | L447/9T | 40018ST3QIE449T-W22 | 1.15 | 455 | 96.2 | 57.181 | 460 | |
| | | 1800 | L447/9T | 40018ST3QIERB449T-W2 | 1.15 | 455 | 96.2 | 57.181 | 460 | 14 |
| 450 | 330 | 1800 | L447/9T | 45018ST3QIE449T-W22 | 1.15 | 501 | 96.2 | 57.181 | 460 | |
| | | 1800 | L447/9T | 45018ST3QIERB449T-W2 | 1.15 | 501 | 96.2 | 57.181 | 460 | 14 |

Notes: 1 - 1.0 Service Factor 14 - Roller Bearing on Drive End
 Can't find what you are looking for? Call 1-800-ASK-4WEG (275-4934)
 All data subject to change without notice

NEMA PREMIUM EFFICIENCY MOTORS
IEEE 841 - THREE PHASE
TEFC - C-FLANGE - FOOT MOUNT - NEMA PREMIUM

| HP | Kw | RPM | NEMA Frame | Catalog Number | Service Factor | FL Amps @ High | FL. Eff. (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|------------|----------------------|----------------|----------------|--------------|--------------------|-------------|-------|
| 1 | 0.75 | 1800 | 143TC | 00118ST3QIE143TC-W22 | 1.25 | 1.41 | 85.5 | 12.346 | 460 | |
| | | 1200 | 145TC | 00112ST3QIE145TC-W22 | 1.25 | 1.73 | 82.5 | 13.346 | 460 | |
| 1.5 | 1.1 | 3600 | 143TC | 00156ST3QIE143TC-W22 | 1.25 | 1.91 | 84.0 | 12.346 | 460 | |
| | | 1800 | 145TC | 00158ST3QIE145TC-W22 | 1.25 | 2.02 | 86.5 | 13.346 | 460 | |
| | | 1200 | 182TC | 00152ST3QIE182TC-W22 | 1.25 | 2.39 | 87.5 | 14.860 | 460 | |
| | | 900 | 184TC | 00159ST3QIE184TC-W22 | 1.25 | 2.70 | 82.5 | 15.860 | 460 | |
| 2 | 1.5 | 3600 | 145TC | 00236ST3QIE145TC-W22 | 1.25 | 2.53 | 85.5 | 13.346 | 460 | |
| | | 1800 | 145TC | 00218ST3QIE145TC-W22 | 1.25 | 2.61 | 86.5 | 13.346 | 460 | |
| | | 1200 | 184TC | 00212ST3QIE184TC-W22 | 1.25 | 3.23 | 88.5 | 15.860 | 460 | |
| | | 900 | 213TC | 00209ST3QIE213TC-W22 | 1.25 | 3.39 | 85.5 | 18.021 | 460 | |
| 3 | 2.2 | 3600 | 182TC | 00336ST3QIE182TC-W22 | 1.25 | 3.63 | 86.5 | 14.860 | 460 | |
| | | 1800 | 182TC | 00318ST3QIE182TC-W22 | 1.25 | 3.88 | 89.5 | 14.860 | 460 | |
| | | 1200 | 213TC | 00312ST3QIE213TC-W22 | 1.25 | 4.41 | 89.5 | 18.021 | 460 | |
| | | 900 | 215TC | 00309ST3QIE215TC-W22 | 1.25 | 4.56 | 85.5 | 19.517 | 460 | |
| 5 | 3.7 | 3600 | 184TC | 00536ST3QIE184TC-W22 | 1.25 | 5.90 | 88.5 | 15.860 | 460 | |
| | | 1800 | 184TC | 00518ST3QIE184TC-W22 | 1.25 | 6.45 | 89.5 | 15.860 | 460 | |
| | | 1200 | 215TC | 00512ST3QIE215TC-W22 | 1.25 | 6.83 | 89.5 | 19.517 | 460 | |
| | | 900 | 254TC | 00509ST3QIE254TC-W22 | 1.25 | 7.58 | 87.5 | 23.213 | 460 | |
| 7.5 | 5.5 | 3600 | 213TC | 00736ST3QIE213TC-W22 | 1.25 | 8.76 | 89.5 | 18.021 | 460 | |
| | | 1800 | 213TC | 00718ST3QIE213TC-W22 | 1.25 | 9.00 | 91.7 | 18.021 | 460 | |
| | | 1200 | 254TC | 00712ST3QIE254TC-W22 | 1.25 | 9.48 | 91.0 | 23.213 | 460 | |
| | | 900 | 256TC | 00709ST3QIE256TC-W22 | 1.25 | 11.1 | 87.5 | 24.945 | 460 | |
| 10 | 7.5 | 3600 | 215TC | 01036ST3QIE215TC-W22 | 1.25 | 11.6 | 90.2 | 19.517 | 460 | |
| | | 1800 | 215TC | 01018ST3QIE215TC-W22 | 1.25 | 12.4 | 91.7 | 19.517 | 460 | |
| | | 1200 | 256TC | 01012ST3QIE256TC-W22 | 1.25 | 12.9 | 91.0 | 24.945 | 460 | |
| | | 900 | 284TC | 01009ST3QIE284TC-W22 | 1.25 | 13.4 | 90.2 | 26.433 | 460 | |
| 15 | 11 | 3600 | 254TC | 01536ST3QIE254TC-W22 | 1.25 | 17.2 | 91.0 | 23.213 | 460 | |
| | | 1800 | 254TC | 01518ST3QIE254TC-W22 | 1.25 | 18.0 | 92.4 | 23.213 | 460 | |
| | | 1200 | 284TC | 01512ST3QIE284TC-W22 | 1.25 | 17.9 | 91.7 | 26.433 | 460 | |
| | | 900 | 286TC | 01509ST3QIE286TC-W22 | 1.25 | 19.4 | 90.2 | 27.929 | 460 | |
| 20 | 15 | 3600 | 256TC | 02036ST3QIE256TC-W22 | 1.25 | 23.2 | 91.0 | 24.945 | 460 | |
| | | 1800 | 256TC | 02018ST3QIE256TC-W22 | 1.25 | 24.1 | 93.0 | 24.945 | 460 | |
| | | 1200 | 286TC | 02012ST3QIE286TC-W22 | 1.25 | 24.2 | 91.7 | 27.929 | 460 | |
| | | 900 | 324TC | 02009ST3QIE324TC-W22 | 1.25 | 28.3 | 91.0 | 29.620 | 460 | |
| 25 | 18.5 | 3600 | 284TSC | 02536ST3QIE284TSC-W2 | 1.25 | 28.5 | 91.7 | 25.061 | 460 | |
| | | 1800 | 284TC | 02518ST3QIE284TC-W22 | 1.25 | 29.5 | 93.6 | 26.433 | 460 | |
| | | 1200 | 324TC | 02512ST3QIE324TC-W22 | 1.25 | 30.4 | 93.0 | 29.620 | 460 | |
| | | 900 | 326TC | 02509ST3QIE326TC-W22 | 1.25 | 35.9 | 91.0 | 31.116 | 460 | |
| 30 | 22 | 3600 | 286TSC | 03036ST3QIE286TSC-W2 | 1.25 | 33.8 | 91.7 | 26.557 | 460 | |
| | | 1800 | 286TC | 03018ST3QIE286TC-W22 | 1.25 | 35.1 | 93.6 | 27.929 | 460 | |
| | | 1200 | 326TC | 03012ST3QIE326TC-W22 | 1.25 | 35.8 | 93.0 | 31.116 | 460 | |
| | | 900 | 364/5TC | 03009ST3QIE364TC-W22 | 1.25 | 37.0 | 92.4 | 34.251 | 460 | |
| 40 | 30 | 3600 | 324TSC | 04036ST3QIE324TSC-W2 | 1.25 | 45.8 | 94.1 | 28.120 | 460 | |
| | | 1800 | 324TC | 04018ST3QIE324TC-W22 | 1.25 | 48.2 | 94.1 | 29.620 | 460 | |
| | | 1200 | 364/5TC | 04012ST3QIE364TC-W22 | 1.25 | 46.5 | 94.1 | 34.251 | 460 | |
| | | 900 | 364/5TC | 04009ST3QIE365TC-W22 | 1.25 | 50.0 | 92.4 | 34.251 | 460 | |
| 50 | 37 | 3600 | 326TSC | 05036ST3QIE326TSC-W2 | 1.25 | 56.1 | 93.0 | 29.616 | 460 | |
| | | 1800 | 326TC | 05018ST3QIE326TC-W22 | 1.25 | 59.2 | 94.5 | 31.116 | 460 | |
| | | 1200 | 364/5TC | 05012ST3QIE365TC-W22 | 1.25 | 57.4 | 94.1 | 34.251 | 460 | |
| | | 900 | 404/5TC | 05009ST3QIE404TC-W22 | 1.25 | 60.0 | 93.0 | 39.730 | 460 | |
| 60 | 45 | 1200 | 404/5TC | 06012ST3QIE404TC-W22 | 1.25 | 69.5 | 94.5 | 39.730 | 460 | |

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NEMA PREMIUM EFFICIENCY MOTORS
IEEE 841 - THREE PHASE
TEFC - FOOTLESS - NEMA PREMIUM

| HP | Kw | RPM | NEMA Frame | Catalog Number | Service Factor | FL Amps @ High | FL. Eff. (%) | "C" Dimension (in) | Voltage (V) | Notes |
|-----|------|------|------------|----------------------|----------------|----------------|--------------|--------------------|-------------|-------|
| 1 | 0.75 | 1800 | 143TC | 00118ST3QIER143TC-W2 | 1.25 | 1.41 | 85.5 | 12.346 | 460 | 15 |
| 1.5 | 1.1 | 1800 | 145TC | 00158ST3QIER145TC-W2 | 1.25 | 2.02 | 86.5 | 13.346 | 460 | 15 |
| 2 | 1.5 | 1800 | 145TC | 00218ST3QIER145TC-W2 | 1.25 | 2.61 | 86.5 | 13.346 | 460 | 15 |
| 3 | 2.2 | 1800 | 182TC | 00318ST3QIER182TC-W2 | 1.25 | 3.88 | 89.5 | 14.860 | 460 | 15 |
| 5 | 3.7 | 1800 | 184TC | 00518ST3QIER184TC-W2 | 1.25 | 6.45 | 89.5 | 15.860 | 460 | 15 |
| 7.5 | 5.5 | 1800 | 213TC | 00718ST3QIER213TC-W2 | 1.25 | 9.00 | 91.7 | 18.021 | 460 | 15 |
| 10 | 7.5 | 1800 | 215TC | 01018ST3QIER215TC-W2 | 1.25 | 12.4 | 91.7 | 19.517 | 460 | 15 |

Notes: 15 - Round Body - Drip Cover included
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