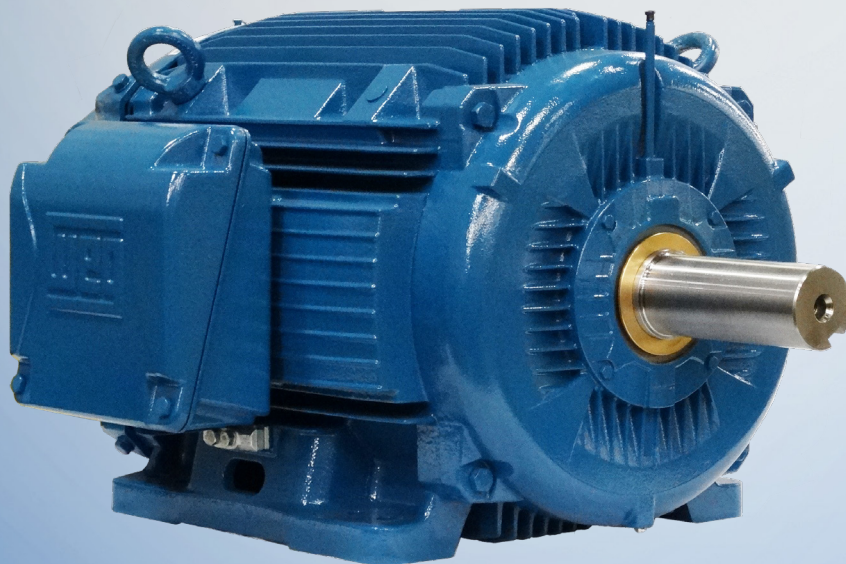


# IEEE Std 841™

## NEMA Premium® Efficiency Motors with Inpro/Seal



### Motors

Automation

Energy

Transmission and  
Distribution

Coatings

- Tough
- Reliable
- Durable
- Quality

IEEE Std 841™

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:

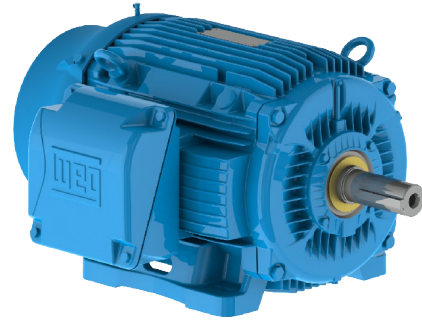
- Class F insulation (Impregnation Resin and magnet wire are class H)
- F1 Mounted (F2 convertible). Frames 447T and up can easily be F2 converted by simply rotating the terminal box Adapter.
- Stainless Steel Nameplate - Laser etched with High contrast background
- All frames with regreasable ball bearings
- 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.

### Features that make a difference:

**Inverter Rated <sup>1</sup>:**  
**1000:1 for variable torque**  
**20:1 for constant torque**

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

<sup>1</sup> - Winding and bearing temperatures may exceed values in standard for sinewave operation, when operated on VFD



- 1.25 service factor up to 100 HP
- Inpro/Seal Bearing Isolators both ends
- Bearing protection exceeds 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



**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	
5	3.7	1800	184T	00518ST3QIE184T-W22	1.25	6.45	89.5	15.860	460	
		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	
7.5	5.5	1800	213T	00718ST3QIE213T-W22	1.25	9.00	91.7	18.021	460	
		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	
10	7.5	1800	215T	01018ST3QIE215T-W22	1.25	12.4	91.7	19.517	460	
		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	
15	11	1800	254T	01518ST3QIE254T-W22	1.25	18.0	92.4	23.213	460	
		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	

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**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  
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**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	10018ST3QIERB405T-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  
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**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	
		3600	145TC	00236ST3QIE145TC-W22	1.25	2.53	85.5	13.346	460	
2	1.5	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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