

WEG Standard Product Catalog

Super Premium, Severe Duty and Explosion Proof

2020



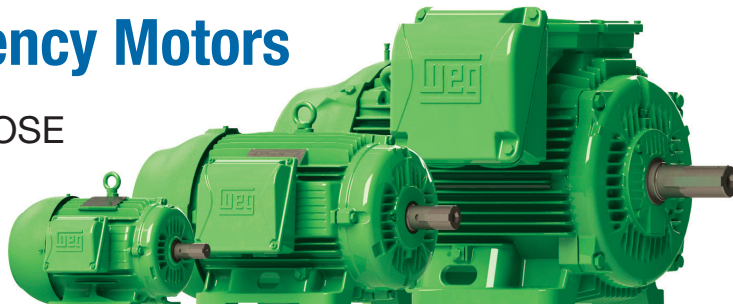
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Super Premium Efficiency Motors

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

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-52

MECHANICAL DATA: B-72

Super Premium Efficiency Motors

SEVERE DUTY - GENERAL PURPOSE - Three-Phase

TEFC - Foot Mount



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
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
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
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
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
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

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Please refer to back cover for description of "NOTES"

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



Super Premium Efficiency Motors

SEVERE DUTY - GENERAL PURPOSE - Three-Phase

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	12536EG3G444TS-W22	\$16,885	N1	1872	1.25	136	95.8	41.407	460	36;37
		1800	444/5T	12518EG3G444T-W22	\$16,223	N1	1991	1.25	140	96.2	45.157	460	36;37
		1200	444/5T	12512EG3G445T-W22	\$19,742	N1	2231	1.25	152	95.8	45.157	460	36;37
150	110	3600	444/5TS	15036EG3G445TS-W22	\$20,770	N1	2071	1.25	163	96.2	41.407	460	36;37
		1800	444/5T	15018EG3G445T-W22	\$19,162	N1	2226	1.25	170	96.5	45.157	460	36;37
		1200	447/9T	15012EG3G449T-W22	\$22,703	N1	3098	1.25	179	96.2	56.338	460	36;37
200	150	3600	445/7TS	20036EG3G447TS-W22	\$25,918	N1	2333	1.25	217	96.2	44.951	460	36;37
		1800	447/9T	20018EG3G449T-W22	\$23,208	N1	2995	1.25	234	96.8	56.338	460	36;37
		1200	447/9T	20012EG3G449T-W22	\$27,646	N1	3145	1.25	245	96.2	56.338	460	36;37
250	185	3600	445/7TS	25036EG3G447TS-W22	\$32,831	N1	2480	1.25	267	96.5	44.951	460	36;37
		1800	447/9T	25018EG3G449T-W22	\$29,388	N1	3083	1.25	286	96.8	56.338	460	36;37

Super Premium
Efficiency Motors

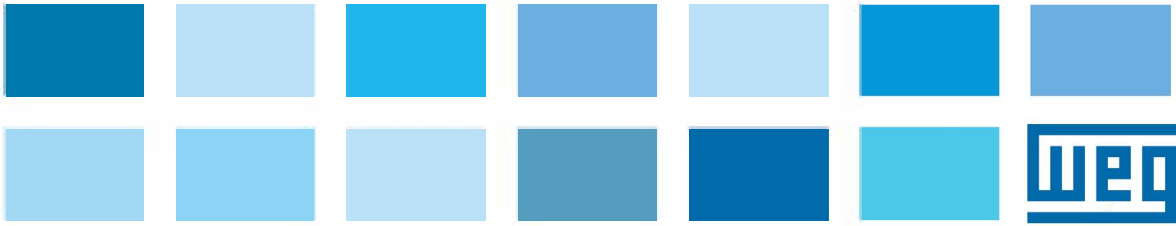
Please refer to back cover for description of "NOTES"

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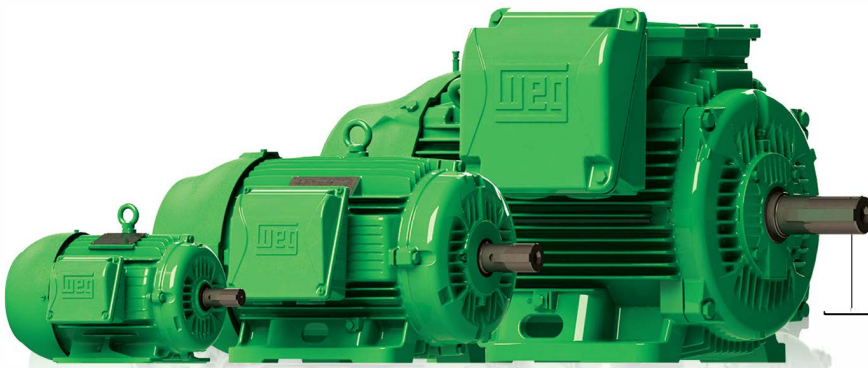
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A-81



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



GENERAL PURPOSE

TEFC – Foot Mount	A-86
TEFC – C-Face – Foot Mount	A-93
TEFC – C-Face – Footless	A-95

IEEE 841

TEFC – Foot Mount	A-97
TEFC – C-Face – Foot Mount	A-101
TEFC – C-Face – Footless	A-102

CRUSHER DUTY

TEFC – Foot Mount	A-105
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VECTOR DUTY

TENV – Foot Mount – Double C-Face	A-107
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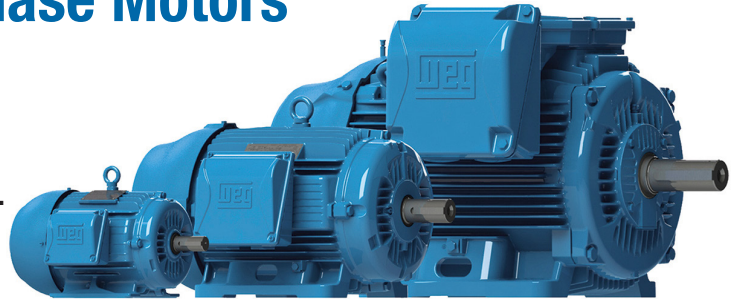
IEC TRU-METRIC™

TEFC – Foot Mount IE3	A-109
TEFC – Foot Mount - FF-Face Motors	A-110

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

*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*

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-12

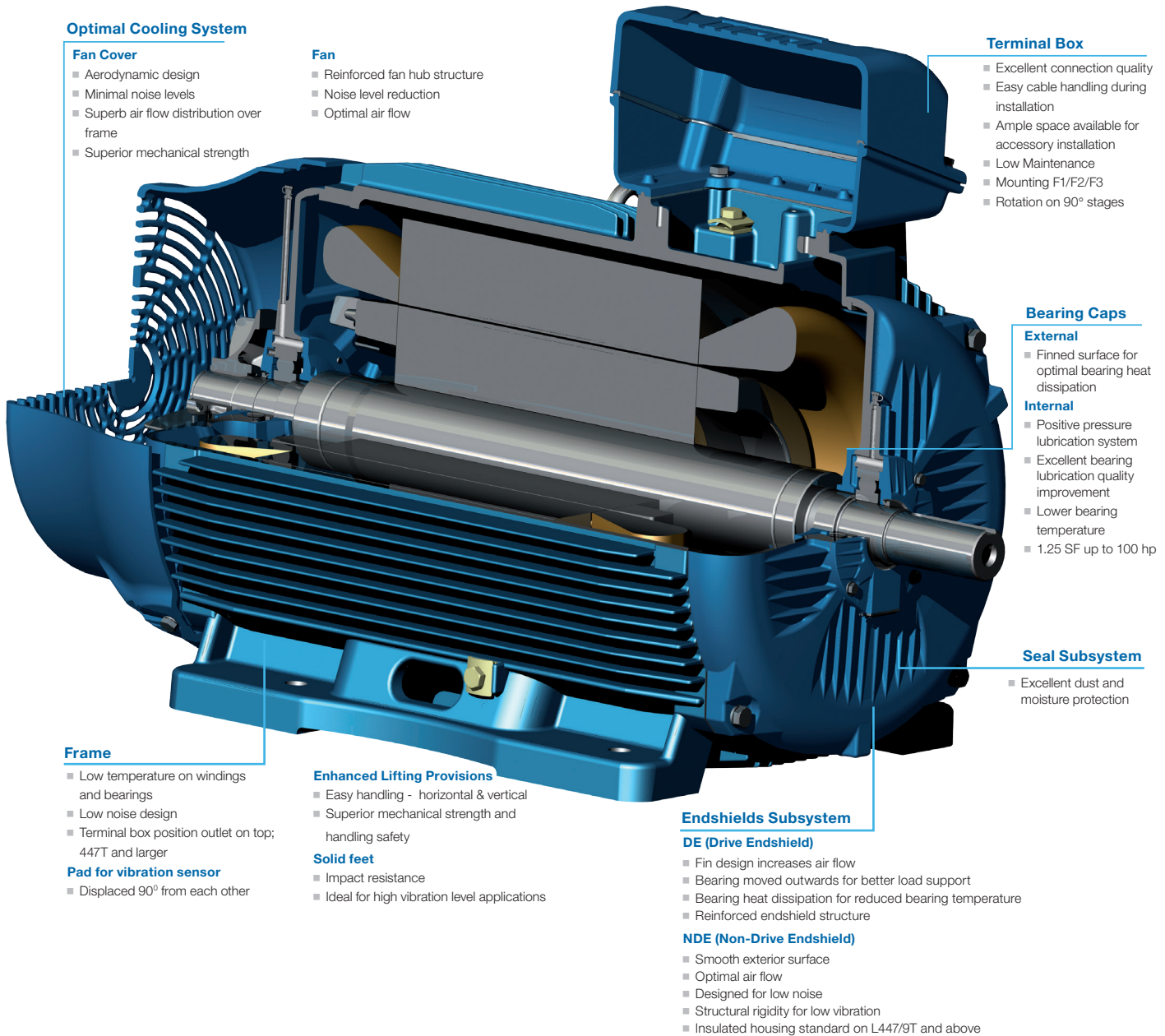
MECHANICAL DATA: B-72

Features that make a difference:

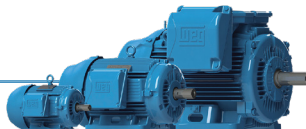
- All NEMA Premium® ratings have a 1.25 Service Factor (up to 100 HP) resulting in cooler operation and extended life of the motor
- All Cast Iron Construction, including Terminal Box and Fan Cover (*)
- Solid feet for low vibration levels and impact absorption
- Optimized ventilation system for cool 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



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

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Please refer to back cover for description of "NOTES"

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

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

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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
75	55	3600	364/5TS	07536ET3E365TS-W22	\$9,091	N1	900	1.25	81.9	93.6	32.338	230/460	
		3600	364/5TS	07536ET3G365TS-W22	\$9,091	N1	963	1.25	81.9	93.6	32.338	460	
		3600	364/5TS	07536ET3H365TS-W22	\$9,091	N1	967	1.25	65.5	93.6	32.338	575	
		1800	364/5TS	07518ET3E365TS-W22	\$8,705	N1	988	1.25	84.1	95.4	32.338	230/460	
		1800	364/5T	07518ET3E365T-W22	\$8,705	N1	969	1.25	84.1	95.4	34.251	230/460	
		1800	364/5T	07518ET3G365T-W22	\$8,705	N1	1045	1.25	84.1	95.4	34.251	460	
		1800	364/5T	07518ET3H365T-W22	\$8,705	N1	1050	1.25	67.3	95.4	34.251	575	
		1200	404/5T	07512ET3E405T-W22	\$12,058	N1	1303	1.25	84.9	94.5	39.730	230/460	
		1200	404/5T	07512ET3ERB405T-W22	\$12,058	N1	1262	1.25	84.9	94.5	39.730	230/460	14
		1200	404/5T	07512ET3G405T-W22	\$12,058	N1	1298	1.25	84.9	94.5	39.730	460	
		1200	404/5T	07512ET3GRB405T-W22	\$12,058	N1	1309	1.25	84.9	94.5	39.730	460	14
		1200	404/5T	07512ET3H405T-W22	\$12,058	N1	1303	1.25	67.9	94.5	39.730	575	
		900	444/5T	07509ET3E444T-W22	\$23,334	N1	1665	1.25	93.0	93.6	45.157	230/460	
		900	444/5T	07509ET3QRB444TF2-W2	\$23,334	N1	1707	1.25	93.0	93.6	45.157	460	14
100	75	3600	404/5TS	10036ET3E405TS-W22	\$12,002	N1	1024	1.25	110	94.1	36.732	230/460	
		3600	404/5TS	10036ET3G405TS-W22	\$12,002	N1	1176	1.25	110	94.1	36.732	460	
		3600	404/5TS	10036ET3H405TS-W22	\$12,002	N1	1182	1.25	88.0	94.1	36.732	575	
		1800	404/5TS	10018ET3E405TS-W22	\$11,689	N1	1266	1.25	111	95.4	36.732	230/460	
		1800	404/5T	10018ET3E405T-W22	\$11,689	N1	1190	1.25	111	95.4	39.730	230/460	
		1800	404/5T	10018ET3ERB405T-W22	\$11,689	N1	1239	1.25	111	95.4	39.730	230/460	14
		1800	404/5T	10018ET3G405T-W22	\$11,689	N1	1280	1.25	111	95.4	39.730	460	
		1800	404/5T	10018ET3GRB405T-W22	\$11,689	N1	1199	1.25	111	95.4	39.730	460	14
		1800	404/5T	10018ET3H405T-W22	\$11,689	N1	1283	1.25	88.8	95.4	39.730	575	
		1800	404/5T	10018ET3HRB405T-W22	\$11,689	N1	1294	1.25	88.8	95.4	39.730	575	14
		1200	444/5T	10012ET3E444T-W22	\$15,631	N1	1786	1.25	121	95.0	45.157	230/460	
		1200	444/5T	10012ET3ERB444T-W22	\$15,631	N1	1859	1.25	121	95.0	45.157	230/460	14
		1200	444/5T	10012ET3G444T-W22	\$15,631	N1	1840	1.25	121	95.0	45.157	460	
		1200	444/5T	10012ET3GRB444T-W22	\$15,631	N1	1854	1.25	121	95.0	45.157	460	14
		1200	444/5T	10012ET3H444T-W22	\$15,631	N1	1837	1.25	96.8	95.0	45.157	575	
		900	444/5T	10009ET3E445T-W22	\$26,988	N1	1900	1.25	127	94.1	45.157	230/460	
		900	444/5T	10009ET3G445T-W22	\$26,988	N1	1939	1.25	127	94.1	45.157	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
125	90	3600	444/5TS	12536ET3E444TS-W22	\$15,350	N1	1802	1.15	134	95.0	41.407	230/460	
		3600	444/5TS	12536ET3G444TS-W22	\$15,350	N1	1798	1.15	134	95.0	41.407	460	
		3600	444/5TS	12536ET3H444TS-W22	\$15,350	N1	1795	1.15	107	95.0	41.407	575	
		1800	444/5TS	12518ET3E444TS-W22	\$14,748	N1	1627	1.15	139	95.4	41.407	230/460	
		1800	444/5T	12518ET3E444T-W22	\$14,748	N1	1699	1.15	139	95.4	45.157	230/460	
		1800	444/5T	12518ET3ERB444T-W22	\$14,748	N1	1730	1.15	139	95.4	45.157	230/460	14
		1800	444/5T	12518ET3G444T-W22	\$14,748	N1	1710	1.15	139	95.4	45.157	460	
		1800	444/5T	12518ET3GRB444T-W22	\$14,748	N1	1736	1.15	139	95.4	45.157	460	14
		1800	444/5T	12518ET3H444T-W22	\$14,748	N1	1815	1.15	111	95.4	45.157	575	
		1200	444/5T	12512ET3E445T-W22	\$17,947	N1	1980	1.15	143	95.0	45.157	230/460	
		1200	444/5T	12512ET3ERB445T-W22	\$17,947	N1	1993	1.15	143	95.0	45.157	230/460	14
		1200	444/5T	12512ET3G445T-W22	\$17,947	N1	1893	1.15	143	95.0	45.157	460	
		1200	444/5T	12512ET3GRB445T-W22	\$17,947	N1	1996	1.15	143	95.0	45.157	460	14
		1200	444/5T	12512ET3H445T-W22	\$17,947	N1	1974	1.15	114	95.0	45.157	575	
150	110	900	445/7T	12509ET3G447T-W22	\$28,175	N1	2235	1.15	151	94.5	48.701	460	
		3600	444/5TS	15036ET3E445TS-W22	\$18,882	N1	1899	1.15	161	95.0	41.407	230/460	
		3600	444/5TS	15036ET3G445TS-W22	\$18,882	N1	1908	1.15	161	95.0	41.407	460	
		1800	444/5TS	15018ET3G445TS-W22	\$17,420	N1	1869	1.15	170	95.8	41.407	460	
		1800	444/5T	15018ET3E445T-W22	\$17,420	N1	1918	1.15	170	95.8	45.157	230/460	
		1800	444/5T	15018ET3G445T-W22	\$17,420	N1	1905	1.15	170	95.8	45.157	460	
		1800	444/5T	15018ET3GRB445T-W22	\$17,420	N1	1853	1.15	170	95.8	45.157	460	14
		1800	444/5T	15018ET3H445T-W22	\$17,420	N1	1958	1.15	136	95.8	45.157	575	
		1800	444/5T	15018ET3HRB445T-W22	\$17,420	N1	2034	1.15	136	95.8	45.157	575	14
		1200	445/7T	15012ET3E447T-W22	\$20,639	N1	2354	1.15	176	95.8	48.701	230/460	
		1200	445/7T	15012ET3G447T-W22	\$20,639	N1	2472	1.15	176	95.8	48.701	460	
		1200	445/7T	15012ET3GRB447T-W22	\$20,639	N1	2371	1.15	176	95.8	48.701	460	14
		1200	445/7T	15012ET3H447T-W22	\$20,639	N1	2467	1.15	141	95.8	48.701	575	
		900	447/9T	15009ET3G449T-W22	\$30,677	N1	3079	1.15	185	94.5	56.338	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
200	150	3600	445/7TS	20036ET3E447TS-W22	\$23,562	N1	2224	1.15	219	95.4	44.951	230/460	
		3600	445/7TS	20036ET3G447TS-W22	\$23,562	N1	2046	1.15	219	95.4	44.951	460	
		3600	504/5S	20036ET3G504S-W22	\$23,562	N1	2373	1.15	222	95.4	48.215	460	
		1800	445/7TS	20018ET3G447TS-W22	\$21,098	N1	2138	1.15	230	96.2	44.951	460	
		1800	445/7T	20018ET3E447T-W22	\$21,098	N1	2349	1.15	230	96.2	48.701	230/460	
		1800	445/7T	20018ET3G447T-W22	\$21,098	N1	2224	1.15	230	96.2	48.701	460	
		1800	445/7T	20018ET3GRB447T-W22	\$21,098	N1	2209	1.15	230	96.2	48.701	460	14
		1800	445/7T	20018ET3H447T-W22	\$21,098	N1	2477	1.15	184	96.2	48.701	575	
		1800	445/7T	20018ET3HRB447T-W22	\$21,098	N1	1850	1.15	184	96.2	48.701	575	14
		1800	504/5	20018ET3G504-W22	\$21,098	N1	2621	1.15	228	96.2	54.095	460	
		1200	445/7T	20012ET3G447T-W22	\$25,133	N1	2406	1.15	237	95.8	48.701	460	
		1200	445/7T	20012ET3GRB447T-W22	\$25,133	N1	2588	1.15	237	95.8	48.701	460	14
		1200	447/9T	20012ET3E449T-W22	\$25,255	N1	2495	1.15	237	95.8	56.338	230/460	
		1200	447/9T	20012ET3G449T-W22	\$25,255	N1	3044	1.15	237	95.8	56.338	460	
		1200	447/9T	20012ET3GRB449T-W22	\$25,255	N1	2940	1.15	237	95.8	56.338	460	14
		1200	447/9T	20012ET3H449T-W22	\$25,255	N1	2933	1.15	190	95.8	56.338	575	
		1200	504/5	20012ET3G505-W22	\$25,133	N1	2467	1.15	237	95.8	54.095	460	
250	185	900	447/9T	20009ET3G449T-W22	\$49,899	N1	3255	1.15	254	95.0	56.338	460	
		3600	445/7TS	25036ET3G447TS-W22	\$29,846	N1	2535	1.15	266	95.8	44.951	460	
		3600	447/9TS	25036ET3G449TS-W22	\$33,173	N1	2730	1.15	266	95.8	52.588	460	
		1800	445/7TS	25018ET3G447TS-W22	\$27,189	N1	2709	1.15	281	96.2	44.951	460	
		1800	445/7TS	25018ET3H447TS-W22	\$27,189	N1	2896	1.15	225	96.2	44.951	575	
		1800	445/7T	25018ET3G447T-W22	\$26,716	N1	2446	1.15	281	96.2	48.701	460	
		1800	445/7T	25018ET3GRB447T-W22	\$26,716	N1	2554	1.15	281	96.2	48.701	460	14
		1800	445/7T	25018ET3HRB447T-W22	\$26,716	N1	2414	1.15	225	96.2	48.701	575	14
		1800	447/9T	25018ET3G449T-W22	\$26,803	N1	2879	1.15	281	96.2	56.338	460	
		1800	447/9T	25018ET3GRB449T-W22	\$26,803	N1	2815	1.15	281	96.2	56.338	460	14
		1200	447/9T	25012ET3E449T-W22	\$35,555	N1	3217	1.15	292	95.8	56.338	230/460	
		1200	447/9T	25012ET3G449T-W22	\$35,555	N1	3090	1.15	292	95.8	56.338	460	
		1200	447/9T	25012ET3GRB449T-W22	\$35,555	N1	3224	1.15	292	95.8	56.338	460	14
		1200	447/9T	25012ET3H449T-W22	\$35,555	N1	3206	1.15	234	95.8	56.338	575	
		1200	586/7	25012ET3G586/7-W22	\$39,631	N1	3769	1.15	299	95.8	61.902	460	43
300	220	900	L447/9T	25009ET3G449T-W22	\$56,168	N1	3590	1.15	308	95.4	57.181	460	43
		3600	447/9TS	30036ET3G449TS-W22	\$38,269	N1	2987	1.15	320	95.8	52.588	460	
		1800	447/9TS	30018ET3G449TS-W22	\$31,384	N1	2894	1.15	330	96.2	52.588	460	44
		1800	447/9T	30018ET3G449T-W22	\$31,384	N1	2888	1.15	330	96.2	56.338	460	
		1800	447/9T	30018ET3GRB449T-W22	\$31,384	N1	2992	1.15	330	96.2	56.338	460	14
		1200	447/9T	30012ET3G449T-W22	\$38,437	N1	3178	1.15	356	95.8	56.338	460	37
		1200	586/7	30012ET3G586/7-W22	\$44,301	N1	4061	1.15	356	95.8	61.902	460	43
		900	L447/9T	30009ET3G449T-W22	\$58,655	N1	3826	1.15	371	95.4	57.181	460	19;43

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

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Severe Duty - Three-Phase Motors

GENERAL PURPOSE

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

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Severe Duty -
Three-Phase
Motors

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

continued on next page

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

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	20018ET3G447TC-W22	\$21,704	N1	2523	1.15	230	96.2	48.701	460	
250	185	1800	445/7TSC	25018ET3G447TSC-W22	\$34,280	N1	2361	1.15	281	96.2	44.951	460	
		1800	445/7TSC	25018ET3Q447TSC-W22	\$27,322	N1	2836	1.15	281	96.2	44.951	460	
300	220	1800	447/9TC	30018ET3G449TC-W22	\$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	00136ET3ER143TC-W22	\$577	N1	44	1.25	1.44	81.5	13.065	230/460	15
		1800	143TC	00118ET3ER143TC-W22	\$572	N1	47	1.25	1.47	85.5	13.065	230/460	15
		1200	145TC	00112ET3ER145TC-W22	\$655	N1	56	1.25	1.73	82.5	16.197	230/460	15
1.5	1.1	3600	143TC	00156ET3ER143TC-W22	\$588	N1	48	1.25	1.96	84.0	13.065	230/460	15
		1800	145TC	00158ET3ER145TC-W22	\$596	N1	55	1.25	2.02	86.5	14.077	230/460	15
		1200	182TC	00152ET3ER182TC-W22	\$816	N1	100	1.25	2.54	87.5	16.197	230/460	15;39
2	1.5	3600	145TC	00236ET3ER145TC-W22	\$638	N1	55	1.25	2.56	85.5	14.077	230/460	15
		1800	145TC	00218ET3ER145TC-W22	\$659	N1	56	1.25	2.76	86.5	14.077	230/460	15
		1200	184TC	00212ET3ER184TC-W22	\$883	N1	110	1.25	3.22	88.5	17.197	230/460	15;39
3	2.2	3600	145TC	00336ET3ER145TC-W22	\$677	N1	58	1.25	3.71	86.5	14.077	230/460	15
		3600	182TC	00336ET3ER182TC-W22	\$826	N1	108	1.25	3.63	86.5	16.197	230/460	15;39
		1800	182TC	00318ET3ER182TC-W22	\$721	N1	104	1.25	3.91	89.5	16.197	230/460	15;39
		1200	213TC	00312ET3ER213TC-W22	\$1,203	N1	154	1.25	4.41	89.5	19.399	230/460	15
5	3.7	3600	184TC	00536ET3ER184TC-W22	\$938	N1	115	1.25	5.90	88.5	17.197	230/460	15
		1800	184TC	00518ET3ER184TC-W22	\$834	N1	113	1.25	6.45	89.5	17.197	230/460	15
		1200	215TC	00512ET3ER215TC-W22	\$1,426	N1	178	1.25	6.83	89.5	20.895	230/460	15
7.5	5.5	3600	213TC	00736ET3ER213TC-W22	\$1,212	N1	155	1.25	8.76	89.5	19.399	230/460	15
		1800	213TC	00718ET3ER213TC-W22	\$1,175	N1	167	1.25	9.18	91.7	19.399	230/460	15
10	7.5	3600	215TC	01036ET3ER215TC-W22	\$1,424	N1	179	1.25	11.6	90.2	20.895	230/460	15
		1800	215TC	01018ET3ER215TC-W22	\$1,366	N1	187	1.25	12.4	91.7	20.895	230/460	15
15	11	3600	254TC	01536ET3ER254TC-W22	\$1,950	N1	300	1.25	17.2	91.0	25.063	230/460	15
		1800	254TC	01518ET3ER254TC-W22	\$1,975	N1	348	1.25	18.0	92.4	25.063	230/460	15
20	15	3600	256TC	02036ET3ER256TC-W22	\$2,525	N1	335	1.25	23.2	91.0	26.795	230/460	15
		1800	256TC	02018ET3ER256TC-W22	\$2,338	N1	407	1.25	24.1	93.0	26.795	230/460	15
25	18.5	3600	284TSC	02536ET3ER284TSC-W22	\$3,187	N1	406	1.25	28.5	91.7	27.305	230/460	15
		1800	284TC	02518ET3ER284TC-W22	\$2,925	N1	441	1.25	29.5	93.6	28.677	230/460	15
30	22	3600	286TSC	03036ET3ER286TSC-W22	\$3,767	N1	436	1.25	33.8	91.7	28.801	230/460	15
		1800	286TC	03018ET3ER286TC-W22	\$3,421	N1	489	1.25	35.1	93.6	30.173	230/460	15
		1200	326TSC	03012ET3ER326TSC-W22	\$5,768	N1	732	1.25	36.2	93.0	32.254	230/460	15
40	30	3600	324TSC	04036ET3ER324TSC-W22	\$4,988	N1	684	1.25	45.8	92.4	30.758	230/460	15
		1800	324TC	04018ET3ER324TC-W22	\$4,429	N1	613	1.25	47.1	94.1	32.258	230/460	15
50	37	1800	326TC	05018ET3ER326TC-W22	\$5,378	N1	648	1.25	59.2	94.5	33.754	230/460	15
60	45	1800	364/5TC	06018ET3ER364TC-W22	\$8,053	N1	869	1.25	68.3	95.0	37.440	230/460	15
75	55	1800	364/5TC	07518ET3ER365TC-W22	\$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, Class II, Div 2, Groups F & G – T3C

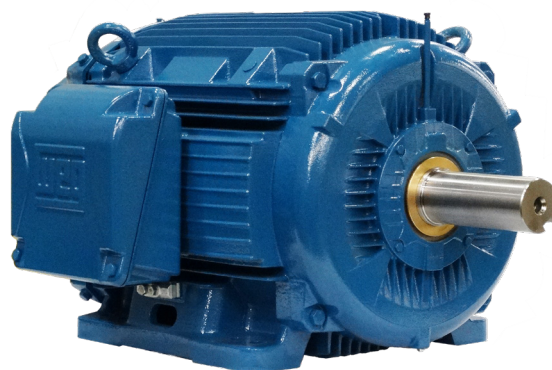
*Inverter Rated:

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*



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 Test Report in conduit box
- Suitable for IEEE45 USCG 259 – Marine Duty

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-12

MECHANICAL DATA: B-72





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

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A-97

Severe Duty -
Three-Phase
Motors

Severe Duty - Three-Phase Motors



IEEE 841

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	01036ST3QIE215T-W22	\$1,920	I1	191	1.25	11.6	90.2	19.517	460	
		3600	213/5T	01036ST3HIE215T-W22	\$1,920	I1	191	1.25	9.28	90.2	19.517	575	
		1800	213/5T	01018ST3QIE215T-W22	\$1,760	I1	188	1.25	12.4	91.7	19.517	460	
		1800	213/5T	01018ST3HIE215T-W22	\$1,760	I1	199	1.25	9.92	91.7	19.517	575	
		1200	254/6T	01012ST3QIE256T-W22	\$2,834	I1	329	1.25	12.9	91.0	24.945	460	
		1200	254/6T	01012ST3HIE256T-W22	\$2,834	I1	329	1.25	10.3	91.0	24.945	575	
		900	284/6T	01009ST3QIE284T-W22	\$5,936	I1	380	1.25	13.4	90.2	27.929	460	
15	11	3600	254/6T	01536ST3QIE254T-W22	\$2,428	I1	303	1.25	17.2	91.0	24.945	460	
		3600	254/6T	01536ST3HIE254T-W22	\$2,428	I1	303	1.25	13.8	91.0	24.945	575	
		1800	254/6T	01518ST3QIE254T-W22	\$2,257	I1	341	1.25	18.0	92.4	24.945	460	
		1800	254/6T	01518ST3HIE254T-W22	\$2,257	I1	351	1.25	14.4	92.4	24.945	575	
		1200	284/6T	01512ST3QIE284T-W22	\$4,203	I1	430	1.25	17.9	91.7	27.929	460	
		1200	284/6T	01512ST3HIE284T-W22	\$4,203	I1	425	1.25	14.3	91.7	27.929	575	
		900	284/6T	01509ST3QIE286T-W22	\$6,742	I1	437	1.25	19.4	90.2	27.929	460	
20	15	3600	254/6T	02036ST3QIE256T-W22	\$2,957	I1	329	1.25	23.2	91.0	24.945	460	
		3600	254/6T	02036ST3HIE256T-W22	\$2,957	I1	328	1.25	18.6	91.0	24.945	575	
		1800	254/6T	02018ST3QIE256T-W22	\$2,597	I1	385	1.25	24.1	93.0	24.945	460	
		1800	254/6T	02018ST3HIE256T-W22	\$2,597	I1	400	1.25	19.3	93.0	24.945	575	
		1200	284/6T	02012ST3QIE286T-W22	\$4,773	I1	456	1.25	24.2	91.7	27.929	460	
		1200	284/6T	02012ST3HIE286T-W22	\$4,773	I1	456	1.25	19.4	91.7	27.929	575	
		900	324/6T	02009ST3QIE324T-W22	\$8,269	I1	551	1.25	28.3	91.0	31.116	460	
25	18.5	3600	284/6TS	02536ST3QIE284TS-W22	\$3,368	I1	413	1.25	28.5	91.7	26.557	460	
		3600	284/6TS	02536ST3HIE284TS-W22	\$3,368	I1	403	1.25	22.8	91.7	26.557	575	
		1800	284/6T	02518ST3QIE284T-W22	\$2,926	I1	448	1.25	29.5	93.6	27.929	460	
		1800	284/6T	02518ST3HIE284T-W22	\$2,926	I1	447	1.25	23.6	93.6	27.929	575	
		1200	324/6T	02512ST3QIE324T-W22	\$5,211	I1	588	1.25	30.4	93.0	31.116	460	
		1200	324/6T	02512ST3HIE324T-W22	\$5,211	I1	587	1.25	24.3	93.0	31.116	575	
		900	324/6T	02509ST3QIE326T-W22	\$8,838	I1	596	1.25	35.9	91.0	31.116	460	
30	22	3600	284/6TS	03036ST3QIE286TS-W22	\$3,799	I1	433	1.25	33.8	91.7	26.557	460	
		3600	284/6TS	03036ST3HIE286TS-W22	\$3,799	I1	433	1.25	27.0	91.7	26.557	575	
		1800	284/6T	03018ST3QIE286T-W22	\$3,509	I1	454	1.25	35.1	93.6	27.929	460	
		1800	284/6T	03018ST3HIE286T-W22	\$3,509	I1	484	1.25	28.1	93.6	27.929	575	
		1200	324/6T	03012ST3QIE326T-W22	\$5,359	I1	633	1.25	35.8	93.0	31.116	460	
		1200	324/6T	03012ST3HIE326T-W22	\$5,359	I1	632	1.25	28.6	93.0	31.116	575	
		900	364/5T	03009ST3QIE364T-W22	\$13,149	I1	900	1.25	37.0	92.4	34.251	460	
40	30	3600	324/6TS	04036ST3QIE324TS-W22	\$5,306	I1	591	1.25	45.8	92.4	29.616	460	
		3600	324/6TS	04036ST3HIE324TS-W22	\$5,306	I1	591	1.25	36.6	92.4	29.616	575	
		1800	324/6T	04018ST3QIE324T-W22	\$4,692	I1	590	1.25	47.1	94.1	31.116	460	
		1800	324/6T	04018ST3HIE324T-W22	\$4,692	I1	617	1.25	37.7	94.1	31.116	575	
		1200	364/5T	04012ST3QIE364T-W22	\$8,636	I1	1007	1.25	46.5	94.1	34.251	460	
		1200	364/5T	04012ST3HIE364T-W22	\$8,636	I1	1003	1.25	37.2	94.1	34.251	575	
		900	364/5T	04009ST3QIE365T-W22	\$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	05036ST3QIE326TS-W22	\$5,970	I1	613	1.25	56.1	93.0	29.616	460	
		3600	324/6TS	05036ST3HIE326TS-W22	\$5,970	I1	612	1.25	44.9	93.0	29.616	575	
		1800	324/6T	05018ST3QIE326T-W22	\$5,233	I1	610	1.25	59.2	94.5	31.116	460	
		1800	324/6T	05018ST3HIE326T-W22	\$5,233	I1	636	1.25	47.4	94.5	31.116	575	
		1200	364/5T	05012ST3QIE365T-W22	\$9,369	I1	1022	1.25	57.4	94.1	34.251	460	
		1200	364/5T	05012ST3HIE365T-W22	\$9,369	I1	1019	1.25	45.9	94.1	34.251	575	
		900	404/5T	05009ST3QIE404T-W22	\$19,331	I1	1214	1.25	60.0	93.0	39.730	460	
60	45	3600	364/5TS	06036ST3QIE364TS-W22	\$8,665	I1	965	1.25	67.0	93.6	32.338	460	
		3600	364/5TS	06036ST3HIE364TS-W22	\$8,665	I1	963	1.25	53.6	93.6	32.338	575	
		1800	364/5T	06018ST3QIE364T-W22	\$8,044	I1	957	1.25	68.3	95.0	34.251	460	
		1800	364/5T	06018ST3HIE364T-W22	\$8,044	I1	1030	1.25	54.6	95.0	34.251	575	
		1200	404/5T	06012ST3QIE404T-W22	\$11,790	I1	1253	1.25	69.5	94.5	39.730	460	
		1200	404/5T	06012ST3HIE404T-W22	\$11,790	I1	1249	1.25	55.6	94.5	39.730	575	
		900	404/5T	06009ST3QIE405T-W22	\$22,579	I1	1261	1.25	73.0	93.0	39.730	460	
75	55	3600	364/5TS	07536ST3QIE365TS-W22	\$10,210	I1	1012	1.25	81.9	93.6	32.338	460	
		3600	364/5TS	07536ST3HIE365TS-W22	\$10,210	I1	972	1.25	65.5	93.6	32.338	575	
		1800	364/5T	07518ST3QIE365T-W22	\$9,289	I1	996	1.25	84.1	95.4	34.251	460	
		1800	364/5T	07518ST3HIE365T-W22	\$9,289	I1	1045	1.25	67.3	95.4	34.251	575	
		1200	404/5T	07512ST3QIE405T-W22	\$12,866	I1	1317	1.25	84.9	94.5	39.730	460	
		1200	404/5T	07512ST3QIERB405T-W2	\$12,866	I1	1326	1.25	84.9	94.5	39.730	460	14
		1200	404/5T	07512ST3HIE405T-W22	\$12,866	I1	1298	1.25	67.9	94.5	39.730	575	
		900	444/5T	07509ST3QIE444T-W22	\$23,457	I1	1666	1.25	93.0	93.6	44.950	460	
100	75	3600	404/5TS	10036ST3QIE405TS-W22	\$12,806	I1	1182	1.25	110	94.1	36.732	460	
		3600	404/5TS	10036ST3HIE405TS-W22	\$12,806	I1	1191	1.25	88.0	94.1	36.732	575	
		1800	404/5T	10018ST3QIE405T-W22	\$12,471	I1	1276	1.25	116	95.4	39.730	460	
		1800	404/5T	10018ST3QIERB405T-W2	\$12,471	I1	1292	1.25	116	95.4	39.730	460	14
		1800	404/5T	10018ST3HIE405T-W22	\$12,471	I1	1339	1.25	92.8	95.4	39.730	575	
		1800	404/5T	10018ST3HIERB405T-W2	\$12,471	I1	1348	1.25	92.8	95.4	39.730	575	14
		1200	444/5T	10012ST3QIE444T-W22	\$17,933	I1	1800	1.25	121	95.0	44.950	460	
		1200	444/5T	10012ST3QIERB444T-W2	\$17,933	I1	1915	1.25	121	95.0	44.950	460	14
		1200	444/5T	10012ST3HIE444T-W22	\$17,933	I1	1900	1.25	96.8	95.0	44.950	575	
		900	444/5T	10009ST3QIE445T-W22	\$24,681	I1	1944	1.25	127	94.1	44.950	460	
		900	444/5T	10009ST3QIERB445T-W2	\$24,681	I1	1763	1.25	127	94.1	44.950	460	14
125	90	3600	444/5TS	12536ST3QIE444TS-W22	\$18,198	I1	1805	1.15	134	95.0	41.200	460	
		3600	444/5TS	12536ST3HIE444TS-W22	\$18,198	I1	1796	1.15	107	95.0	41.200	575	
		1800	444/5T	12518ST3QIE444T-W22	\$16,564	I1	1708	1.15	139	95.4	44.950	460	
		1800	444/5T	12518ST3QIERB444T-W2	\$16,564	I1	1836	1.15	139	95.4	44.950	460	14
		1800	444/5T	12518ST3HIE444T-W22	\$16,564	I1	1822	1.15	111	95.4	44.950	575	
		1200	444/5T	12512ST3QIE445T-W22	\$20,158	I1	2016	1.15	143	95.0	44.950	460	
		1200	444/5T	12512ST3QIERB445T-W2	\$20,158	I1	2028	1.15	143	95.0	44.950	460	14
		1200	444/5T	12512ST3HIE445T-W22	\$20,158	I1	2013	1.15	114	95.0	44.950	575	
		900	445/7T	12509ST3QIE447T-W22	\$29,733	I1	2239	1.15	151	94.5	48.701	460	
		900	445/7T	12509ST3QIERB447T-W2	\$29,733	I1	2273	1.15	151	94.5	48.701	460	14

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Severe Duty - Three-Phase Motors



IEEE 841

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	15036ST3QIE445TS-W22	\$21,433	I1	1900	1.15	161	95.0	41.200	460	
		3600	444/5TS	15036ST3HIE445TS-W22	\$21,433	I1	1908	1.15	129	95.0	41.200	575	
		1800	444/5T	15018ST3QIE445T-W22	\$18,587	I1	1910	1.15	170	95.8	44.950	460	
		1800	444/5T	15018ST3QIERB445T-W2	\$18,587	I1	2041	1.15	170	95.8	44.950	460	14
		1800	444/5T	15018ST3HIE445T-W22	\$18,587	I1	2027	1.15	136	95.8	44.950	575	
		1800	444/5T	15018ST3HIERB445T-W2	\$18,587	I1	2038	1.15	136	95.8	44.950	575	14
		1200	445/7T	15012ST3QIE447T-W22	\$23,181	I1	2511	1.15	176	95.8	48.701	460	
		1200	445/7T	15012ST3QIERB447T-W2	\$23,181	I1	2543	1.15	176	95.8	48.701	460	14
		1200	445/7T	15012ST3HIE447T-W22	\$23,181	I1	2531	1.15	141	95.8	48.701	575	
		900	445/7T	15009ST3QIE447T-W22	\$34,755	I1	2409	1.15	185	94.5	48.701	460	
		900	445/7T	15009ST3QIERB447T-W2	\$34,755	I1	2421	1.15	185	94.5	48.701	460	14
200	150	3600	445/7TS	20036ST3QIE447TS-W22	\$28,568	I1	2240	1.15	219	95.4	44.951	460	
		3600	445/7TS	20036ST3HIE447TS-W22	\$28,568	I1	2209	1.15	175	95.4	44.951	575	
		1800	445/7T	20018ST3QIE447T-W22	\$23,696	I1	2320	1.15	230	96.2	48.701	460	
		1800	445/7T	20018ST3QIERB447T-W2	\$23,696	I1	2520	1.15	230	96.2	48.701	460	14
		1800	445/7T	20018ST3HIE447T-W22	\$23,696	I1	2502	1.15	184	96.2	48.701	575	
		1200	447/9T	20012ST3QIE449T-W22	\$27,577	I1	2978	1.15	237	95.8	56.338	460	
		1200	447/9T	20012ST3QIERB449T-W2	\$27,557	I1	3052	1.15	237	95.8	56.338	460	14
		1200	447/9T	20012ST3HIE449T-W22	\$27,577	I1	3030	1.15	190	95.8	56.338	575	
		1200	447/9T	20012ST3HIERB449T-W2	\$27,557	I1	3046	1.15	190	95.8	56.338	575	14
		900	L447/9T	20009ST3QIE449T-W22	\$57,394	I1	3655	1.15	242	95.0	57.181	460	43
		900	L447/9T	20009ST3QIERB449T-W2	\$57,394	I1	3669	1.15	242	95.0	57.181	460	14;43
		900	L447/9T	20009ST3HIE449T-W22	\$57,394	I1	3569	1.15	194	95.0	57.181	575	43
250	185	3600	447/9TS	25036ST3QIE449TS-W22	\$34,663	I1	2603	1.15	266	95.8	52.940	460	
		1800	447/9T	25018ST3QIE449T-W22	\$30,081	I1	2904	1.15	281	96.2	56.338	460	
		1800	447/9T	25018ST3QIERB449T-W2	\$30,081	I1	2869	1.15	281	96.2	56.338	460	14
		1200	447/9T	25012ST3QIE449T-W22	\$39,415	I1	3190	1.15	292	95.8	56.338	460	
		1200	447/9T	25012ST3QIERB449T-W2	\$39,415	I1	2702	1.15	292	95.8	56.338	460	14
300	220	1800	447/9T	30018ST3QIE449T-W22	\$36,810	I1	3102	1.15	330	96.2	56.338	460	
		1800	447/9T	30018ST3QIERB449T-W2	\$36,810	I1	3130	1.15	330	96.2	56.338	460	14
		1200	L447/9T	30012ST3QIE449T-W22	\$44,648	I1	3645	1.15	351	95.8	57.181	460	43
		1200	L447/9T	30012ST3QIERB449T-W2	\$44,648	I1	3571	1.15	351	95.8	57.181	460	14;43
350	260	1800	L447/9T	35018ST3QIE449T-W22	\$44,105	I1	3580	1.15	394	96.2	57.181	460	43
		1800	L447/9T	35018ST3QIERB449T-W2	\$44,105	I1	3580	1.15	394	96.2	57.181	460	14;43
		1200	L447/9T	35012ST3QIE449T-W22	\$52,634	I1	3824	1.15	415	95.8	57.181	460	43, 37
		1200	L447/9T	35012ST3QIERB449T-W2	\$52,634	I1	3756	1.15	415	95.8	57.181	460	14;43
400	300	1800	L447/9T	40018ST3QIE449T-W22	\$48,396	I1	3467	1.15	455	96.2	57.181	460	43
		1800	L447/9T	40018ST3QIERB449T-W2	\$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

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

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Severe Duty -
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Motors

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Severe Duty - Three-Phase Motors



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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	04036ST3QIE324TSC-W2	\$5,531	I1	602	1.25	45.8	92.4	29.616	460	
		1800	324/6TC	04018ST3QIE324TC-W22	\$4,917	I1	633	1.25	47.1	94.1	31.116	460	
		1200	364/5TC	04012ST3QIE364TC-W22	\$9,011	I1	1032	1.25	46.5	94.1	34.251	460	
		900	364/5TC	04009ST3QIE365TC-W22	\$15,284	I1	990	1.25	50.3	92.4	34.251	460	
50	37	3600	324/6TSC	05036ST3QIE326TSC-W2	\$6,195	I1	627	1.25	56.1	93.0	29.616	460	
		1800	324/6TC	05018ST3QIE326TC-W22	\$5,458	I1	651	1.25	59.2	94.5	31.116	460	
		1200	364/5TC	05012ST3QIE365TC-W22	\$9,744	I1	983	1.25	57.4	94.1	34.251	460	
		900	404/5TC	05009ST3QIE404TC-W22	\$19,856	I1	1132	1.25	60.0	93.0	39.730	460	
60	45	1200	404/5TC	06012ST3QIE404TC-W22	\$12,315	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	00118ST3QIER143TC-W2	\$1,000	I1	54	1.25	1.47	85.5	14.066	460	15
1.5	1.1	1800	143/5TC	00158ST3QIER145TC-W2	\$1,061	I1	62	1.25	2.02	86.5	14.066	460	15
2	1.5	1800	143/5TC	00218ST3QIER145TC-W2	\$1,104	I1	63	1.25	2.76	86.5	14.066	460	15
3	2.2	1800	182/4TC	00318ST3QIER182TC-W2	\$1,326	I1	110	1.25	3.91	89.5	17.080	460	15;39
5	3.7	1800	182/4TC	00518ST3QIER184TC-W2	\$1,478	I1	119	1.25	6.45	89.5	17.080	460	15
7.5	5.5	1800	213/5TC	00718ST3QIER213TC-W2	\$1,776	I1	177	1.25	9.18	91.7	21.269	460	15
10	7.5	1800	213/5TC	01018ST3QIER215TC-W2	\$1,893	I1	192	1.25	12.4	91.7	21.269	460	15

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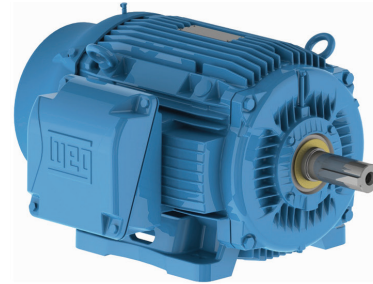
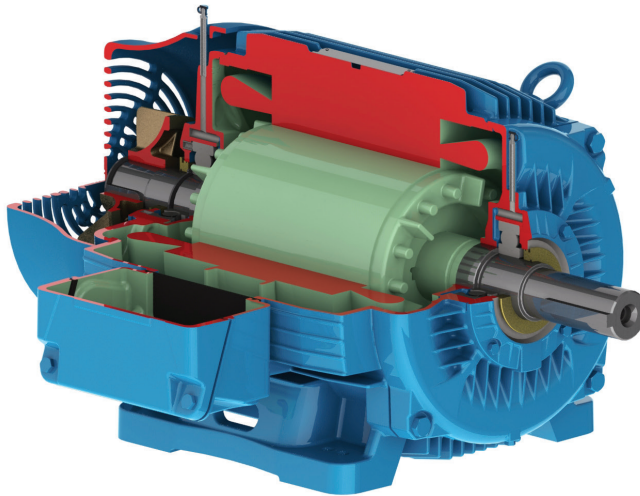
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W22 IEEE841 Severe Duty Motors

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841-2009

CC029A

Class I, Div. 2, Gr. A, B, C & D - T3
Class I, Zone 2, IC - T3
Class II, Div. 2, Gr. F and G - T3C

MOD.TE5FDY09N

PH	3	HP(kw)	150(110)	FRAME	444/5T		
V	460			Hz	60		
A	170			SF	1.15		
RPM	1780	SFA		INS. CL.	F Δ 180 K		
NEMA NOM. EFF.	95.8 %	GUARANT. EFF.	95.0 %	P.F.	0.85		
CODE	G	DES	B	AMB.	40°C	DUTY	CONT.
ENCL.	TEFC			IP55	WEIGHT	1723 Lbs	

Alt.	1000	m.a.s.l.
------	------	----------

460 V	T1	T2	T3
L1	L2	L3	
 -6319-(C3)45 98003030 MOBIL. POLYREX EM -6316-(C3)44 80003030 8000 h			
FOR USE ON VFDW VFD 1000V, 20-1CT, 1.05F, 12D.			

11431.430

Severe Duty -
Three-Phase
Motors

Standard Features

- Heavy Duty FC200 Cast Iron Frame Brackets, Conduit Box and Fan Cover
- Motor rated IP55
- InproSeal VBXX seals rated IP56 on both bearings
- C4 coated Silicon core steel withstands >500C burnout temps for superior repairability
- Dual drilled mounting Feet for increased flexibility
- Foot flatness of <.005" and paint free feet aid mounting and alignment
- Regreasable ball 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 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

Features That Make a Difference:

- Low Vibration design .04 in/sec (1/2 IEEE 841 Spec)
- C4 Coated Silicon Core Steel
- Highest Service Factor in the industry 1.25SF on <125HP
- Bearings meet IP56 with InproSeal VBXX on both ends
- Epoxy Paint system exceeds 250Hrs Salt spray per ASTM B117

Custom features and options available as factory modifications as well as many stock modifications for quick delivery

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



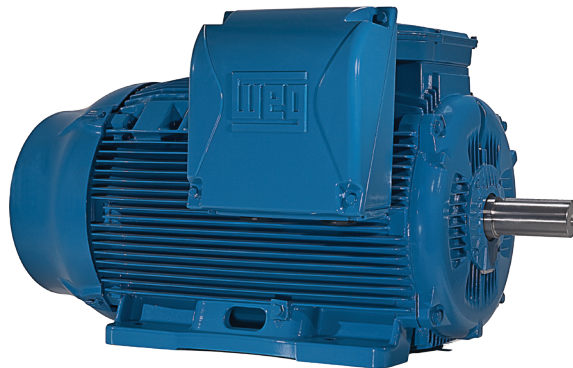
Severe Duty – Three-Phase Motors

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:

- Oversized Roller bearings
- Versatile starting methods - capable of wye/delta, across the line and part winding (12 leads) start.
- NPT Threaded terminal box

***Inverter Rated:**
1000:1 for variable torque
20:1 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

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: CONTACT WEG OR VISIT WWW.WEG.NET

MECHANICAL DATA: B-72





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

continued on next page

Severe Duty -
Three-Phase
Motors

Please refer to back cover for description of "NOTES"

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

Data subject to change without notice.

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

A-105

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	30018ET3GKD449T-W22	\$31,384	K1	3030	1.15	330	96.2	56.338	460	14
		1800	447/9T	30018ET3GRB449T-W22	\$31,384	N1	2992	1.15	330	96.2	56.338	460	14
		1800	586/7Z	30018ET3GKD580Z-W22	\$39,112	K1	3552	1.15	351	95.8	61.902	460	14;18;43
		1800	586/7Z	30018ET3HKD580Z-W22	\$39,112	K1	4326	1.15	281	95.8	61.902	575	14;18;43
		1200	447/9T	30012ET3GKD449T-W22	\$38,437	K1	3313	1.15	356	95.8	56.338	460	14
		1200	586/7T	30012ET3GKD586/7-W22	\$44,301	K1	4081	1.15	356	95.8	61.902	460	14;43
		1200	586/7Z	30012ET3GKD580Z-W22	\$44,301	K1	4109	1.15	356	95.8	61.902	460	14;18;43
		1200	586/7Z	30012ET3HKD580Z-W22	\$44,301	K1	4936	1.15	307	95.8	61.902	575	14;18;43
		900	586/7T	30009ET3GKD586/7-W22	\$58,655	K1	5696	1.15	356	95.8	61.902	460	14;43
350	260	1800	447/9T	35018ET3GKD449T-W22	\$36,517	K1	3258	1.15	394	96.2	56.338	460	14
		1800	447/9T	35018ET3GRB449T-W22	\$36,517	N1	2941	1.15	394	96.2	56.338	460	14
		1800	586/7Z	35018ET3GKD580Z-W22	\$41,230	K1	3577	1.15	415	95.8	61.902	460	14;18;43
		1800	586/7Z	35018ET3HKD580Z-W22	\$41,230	K1	4572	1.15	327	96.2	61.902	575	14;18;43
		1200	L447/9T	35012ET3GRB449T-W22	\$47,633	N1	3800	1.15	415	95.8	57.181	460	14;19;37;43
		1200	586/7Z	35012ET3GKD580Z-W22	\$50,250	K1	4401	1.15	421	95.8	61.902	460	14;18;43
		1200	586/7T	35012ET3GKD586/7-W22	\$50,250	K1	4373	1.15	421	95.8	61.902	460	14;43
		900	586/7T	35009ET3GKD586/7-W22	\$64,873	K1	4797	1.00	426	95.8	61.902	460	1;14;43
400	300	1800	L447/9T	40018ET3GRB449T-W22	\$43,805	N1	3404	1.15	445	96.2	57.181	460	14;43
		1800	586/7Z	40018ET3GKD580Z-W22	\$45,805	K1	4052	1.15	466	96.2	61.902	460	14;18;43
		1800	586/7Z	40018ET3HKD580Z-W22	\$45,805	K1	3692	1.15	364	96.2	61.902	575	14;18;43
		1200	L447/9T	40012ET3GRB449T-W22	\$52,307	N1	3827	1.15	477	95.8	57.181	460	14;19;37;43
		1200	586/7T	40012ET3GKD586/7-W22	\$56,201	K1	4699	1.15	483	96.2	61.902	460	14;43
		1200	586/7Z	40012ET3GKD580Z-W22	\$58,210	K1	4572	1.15	483	96.2	61.902	460	14;18;43
		1200	586/7Z	40012ET3HKD580Z-W22	\$58,210	K1	5513	1.15	386	96.2	61.902	575	14;18;43
450	330	1800	L447/9T	45018ET3GRB449T-W22	\$48,010	N1	3657	1.15	501	96.2	57.181	460	14;43
		1800	586/7Z	45018ET3GKD580Z-W22	\$48,053	K1	4277	1.15	527	95.8	61.902	460	14;18;43
		1800	586/7T	45018ET3GKD586/7-W22	\$48,053	K1	5416	1.15	501	96.2	61.902	460	14;43
		1200	586/7Z	45012ET3GKD580Z-W22	\$63,251	K1	5724	1.00	532	96.2	61.902	460	1;14;18;43
		1200	586/7	45012ET3GRB586/7-W22	\$62,251	N1	5248	1.00	532	96.2	61.902	460	1;14;43
500	370	1800	L447/9T	50018ET3GRB449T-W22	\$50,594	N1	5424	1.00	561	96.2	57.181	460	1;14;19;43
		1800	586/7Z	50018ET3GKD580Z-W22	\$51,611	K1	4547	1.00	575	96.2	61.902	460	1;14;18;43
		1200	586/7Z	50012ET3GKD580Z-W22	\$65,962	K1	5024	1.00	603	96.2	61.902	460	1;14;18;43

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)

Data subject to change without notice.

Severe Duty – Three-Phase Motors

VECTOR DUTY

TENV - Foot Mount - Double C-Face

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

Standard Features:

- Class F insulation (Impregnation Resin and Magnet wire are class H)
- NEMA design B.
- F1 Mounted (F2 convertible).
- Stainless Steel Nameplate - Laser etched with High contrast background
- Gasketed conduit box

ADDITIONAL TECHNICAL DATA

CONTACT WEG OR VISIT WWW.WEG.NET



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

Severe Duty -
Three-Phase
Motors

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
1	0.75	1800	143/5TC	00118NT3FVD143TC-W22	\$697	D1	51	1.00	1.41	85.5	14.678	230/460	17;19
1.5	1.1	1800	143/5TC	00158NT3FVD145TC-W22	\$705	D1	60	1.00	2.00	86.5	14.678	230/460	17;19
2	1.5	1800	143/5TC	00218NT3FVD145TC-W22	\$928	D1	62	1.00	2.65	86.5	14.678	230/460	17;19
3	2.2	1800	182/4TC	00318NT3FVD182TC-W22	\$1,150	D1	107	1.00	3.91	89.5	16.569	230/460	17;19
5	3.7	1800	182/4TC	00518NT3FVD184TC-W22	\$1,373	D1	116	1.00	7.11	89.5	16.569	230/460	17;19;37
7.5	5.5	1800	213/5TC	00718NT3FVD213TC-W22	\$1,803	D1	173	1.00	9.07	91.7	20.041	230/460	17;19
10	7.5	1800	213/5TC	01018NT3FVD215TC-W22	\$2,157	D1	207	1.00	13.3	91.7	20.041	230/460	17;19;37
15	11	1800	254/6TC	01518NT3FVD254TC-W22	\$2,567	D1	365	1.00	19.4	92.4	25.569	230/460	17;19
20	15	1800	254/6TC	02018NT3FVD256TC-W22	\$3,747	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.

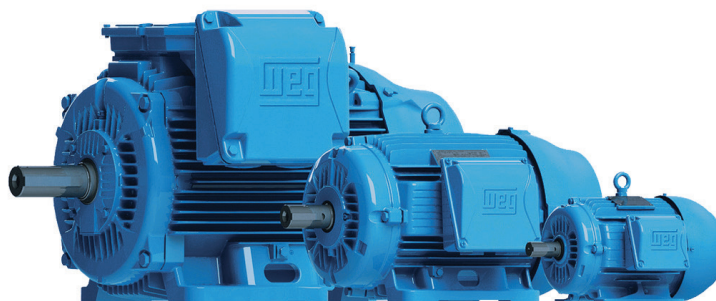


Severe Duty – Three-Phase Motors

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

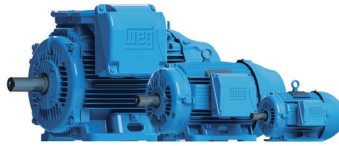
** Insulated NDE housing standard on 315L and above.*

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-46

MECHANICAL DATA: B-113





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	00409ET3Y160M-W22	\$1,947	T1	299	1.25	8.17	86.5	23.543	460//380-415/660-690	7
7.5	5.5	1200//1000	160M	00512ET3Y160M-W22	\$1,760	T1	291	1.25	9.48	91.0	23.543	460//380-415/660-690	7
		900//750	160M	00509ET3Y160M-W22	\$2,244	T1	306	1.25	11.1	87.5	23.543	460//380-415/660-690	7
10	7.5	1200//1000	160M	00712ET3Y160M-W22	\$2,306	T1	306	1.25	13.1	91.0	23.543	460//380-415/660-690	7
		900//750	160L	00709ET3Y160L-W22	\$2,774	T1	352	1.25	15.2	88.5	25.276	460//380-415/660-690	7
15	11	3600//3000	160M	01136ET3Y160M-W22	\$2,102	T1	304	1.25	17.9	91.7	23.543	460//380-415/660-690	7
		1800//1500	160M	01118ET3Y160M-W22	\$1,726	T1	321	1.25	18.2	92.4	23.543	460//380-415/660-690	7
		1200//1000	160L	01112ET3Y160L-W22	\$3,160	T1	354	1.25	18.8	91.7	25.276	460//380-415/660-690	7
		900//750	180L	01109ET3Y180L-W22	\$4,031	T1	419	1.25	19.5	89.5	27.638	460//380-415/660-690	7
20	15	3600//3000	160M	01536ET3Y160M-W22	\$2,413	T1	320	1.25	24.4	91.7	23.543	460//380-415/660-690	7
		1800//1500	160L	01518ET3Y160L-W22	\$2,118	T1	375	1.25	250	93.0	25.276	460//380-415/660-690	7
		1200//1000	180L	01512ET3Y180L-W22	\$3,884	T1	447	1.25	24.7	91.7	27.638	460//380-415/660-690	7
		900//750	200L	01509ET3Y200L-W22	\$5,158	T1	517	1.25	28.0	91.0	30.197	460//380-415/660-690	7
25	18.5	3600//3000	160L	01836ET3Y160L-W22	\$2,925	T1	353	1.25	29.9	92.4	25.276	460//380-415/660-690	7
		1800//1500	180M	01818ET3Y180M-W22	\$2,689	T1	436	1.25	30.6	93.6	26.142	460//380-415/660-690	7
		1200//1000	200L	01812ET3Y200L-W22	\$4,886	T1	552	1.25	30.8	93.0	30.197	460//380-415/660-690	7
		900//750	225S/M	01809ET3Y225S/M-W22	\$5,902	T1	830	1.25	31.6	93.0	34.882	460//380-415/660-690	7
30	22	3600//3000	180M	02236ET3Y180M-W22	\$3,492	T1	424	1.25	34.7	92.4	26.142	460//380-415/660-690	7
		1800//1500	180L	02218ET3Y180L-W22	\$3,225	T1	457	1.25	36.0	93.6	27.638	460//380-415/660-690	7
		1200//1000	200L	02212ET3Y200L-W22	\$4,924	T1	601	1.25	37.1	93.0	30.197	460//380-415/660-690	7
		900//750	225S/M	02209ET3Y225S/M-W22	\$7,506	T1	885	1.25	37.6	93.0	34.882	460//380-415/660-690	7
40	30	3600//3000	200L	03036ET3Y200L-W22	\$4,877	T1	575	1.25	47.1	93.0	30.197	460//380-415/660-690	7
		1800//1500	200L	03018ET3Y200L-W22	\$4,312	T1	580	1.25	49.4	94.1	30.197	460//380-415/660-690	7
		1200//1000	225S/M	03012ET3Y225S/M-W22	\$7,689	T1	1055	1.25	47.6	94.1	34.882	460//380-415/660-690	7
		900//750	250S/M	03009ET3Y250S/M-W22	\$8,858	T1	1078	1.25	50.9	93.6	37.992	460//380-415/660-690	7
50	37	3600//3000	200L	03736ET3Y200L-W22	\$5,487	T1	587	1.25	61.3	93.6	30.197	460//380-415/660-690	7
		1800//1500	225S/M	03718ET3Y225S/M-W22	\$6,984	T1	1041	1.25	58.5	94.5	34.882	460//380-415/660-690	7
		1200//1000	250S/M	03712ET3Y250S/M-W22	\$9,947	T1	1266	1.25	58.8	94.1	37.992	460//380-415/660-690	7
		900//750	280S/M	03709ET3Y280S/M-W22	\$11,751	T1	1481	1.25	64.1	94.1	42.165	460//380-415/660-690	7
60	45	3600//3000	225S/M	04536ET3Y225S/M-W22	\$7,961	T1	1053	1.25	66.7	94.1	33.701	460//380-415/660-690	7
		1800//1500	225S/M	04518ET3Y225S/M-W22	\$7,391	T1	1022	1.25	69.9	950	34.882	460//380-415/660-690	7
		1200//1000	280S/M	04512ET3Y280S/M-W22	\$11,023	T1	1681	1.25	74.7	94.5	42.165	460//380-415/660-690	7
		900//750	280S/M	04509ET3Y280S/M-W22	\$12,815	T1	1631	1.25	77.0	94.1	42.165	460//380-415/660-690	7
75	55	3600//3000	250S/M	05536ET3Y250S/M-W22	\$9,847	T1	1259	1.25	80.3	94.5	37.992	460//380-415/660-690	7
		1800//1500	250S/M	05518ET3Y250S/M-W22	\$8,961	T1	1206	1.25	85.1	95.4	37.992	460//380-415/660-690	7
		1200//1000	280S/M	05512ET3Y280S/M-W22	\$13,622	T1	1794	1.25	90.2	94.5	42.165	460//380-415/660-690	7
		900//750	315S/M	05509ET3Y315S/M-W22	\$15,379	T1	2436	1.25	93.7	94.5	50.157	460//380-415/660-690	7
100	75	3600//3000	280S/M	07536ET3Y280S/M-W22	\$12,472	T1	1776	1.25	111	94.5	42.165	460//380-415/660-690	7
		1800//1500	280S/M	07518ET3Y280S/M-W22	\$12,353	T1	1738	1.25	116	95.4	42.165	460//380-415/660-690	7
		1200//1000	315S/M	07512ET3Y315S/M-W22	\$16,479	T1	2399	1.25	122	95.0	50.157	460//380-415/660-690	7
		900//750	315S/M	07509ET3Y315S/M-W22	\$18,647	T1	2701	1.25	127	95.0	50.157	460//380-415/660-690	7
125	90	3600//3000	280S/M	09036ET3Y280S/M-W22	\$16,720	T1	1862	1.25	132	95.0	42.165	460//380-415/660-690	7
		1800//1500	280S/M	09018ET3Y280S/M-W22	\$15,220	T1	1835	1.25	139	95.4	42.165	460//380-415/660-690	7
		1200//1000	315S/M	09012ET3Y315S/M-W22	\$19,448	T1	2601	1.25	146	95.4	50.157	460//380-415/660-690	7
		900//750	315S/M	09009ET3Y315S/M-W22	\$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>

Data subject to change without notice.

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

A-109

Severe Duty -
Three-Phase
Motors

Severe Duty - Three-Phase Motors



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	11036ET3Y315S/M-W22	\$21,018	T1	2382	1.25	163	95.0	48.976	460//380-415/660-690	7
		1800/1500	280S/M	11018ET3Y280S/M-W22	\$17,078	T1	2210	1.25	170	95.8	42.165	460//380-415/660-690	7
		1200/1000	315S/M	11012ET3Y315S/M-W22	\$22,507	T1	2730	1.25	178	95.8	50.157	460//380-415/660-690	7
		900/750	315L	11009ET3Y315L-W22	\$27,910	T1	3008	1.25	186	95.4	54.685	460//380-415/660-690	7;43
175	132	3600/3000	315S/M	13236ET3Y315S/M-W22	\$23,180	T1	2662	1.25	193	95.4	48.976	460//380-415/660-690	7
		1800/1500	315S/M	13218ET3Y315S/M-W22	\$19,732	T1	2540	1.25	203	96.2	50.157	460//380-415/660-690	7
		1200/1000	315S/M	13212ET3Y315S/M-W22	\$25,642	T1	3031	1.25	214	95.8	50.157	460//380-415/660-690	7
		900/750	315L	13209ET3Y315L-W22	\$33,687	T1	3796	1.25	223	95.4	54.685	460//380-415/660-690	7;43
200	150	3600/3000	315S/M	15036ET3Y315S/M-W22	\$26,249	T1	2682	1.25	219	95.4	48.976	460//380-415/660-690	7
		1800/1500	315S/M	15018ET3Y315S/M-W22	\$21,772	T1	2784	1.25	228	96.2	50.157	460//380-415/660-690	7
		1200/1000	315L	15012ET3Y315L-W22	\$28,298	T1	3557	1.15	240	95.8	54.685	460//380-415/660-690	7;43
250	185	3600/3000	315S/M	18536ET3Y315S/M-W22	\$26,529	T1	2900	1.25	269	95.8	48.976	460//380-415/660-690	7
		1800/1500	315S/M	18518ET3Y315S/M-W22	\$26,247	T1	2948	1.25	284	96.2	50.157	460//380-415/660-690	7
		1200/1000	355M/L	18512ET3Y355M/L-W22	\$43,876	T1	3666	1.15	311	95.8	58.346	460//380-415/660-690	7
300	220	3600/3000	315L	22036ET3Y315L-W22	\$44,212	T1	3468	1.25	315	96.2	53.268	460//380-415/660-690	7;43
		1800/1500	315L	22018ET3Y315L-W22	\$36,234	T1	3113	1.25	338	96.2	54.685	460//380-415/660-690	7;43
		1200/1000	355M/L	22012ET3Y355M/L-W22	\$46,322	T1	4507	1.15	370	95.8	58.346	460//380-415/660-690	7;43
350	260	3600/3000	355M/L	26036ET3Y355M/L-W22	\$50,637	T1	4975	1.15	373	96.2	55.591	460//380-415/660-690	7;43
		1800/1500	355M/L	26018ET3Y355M/L-W22	\$43,761	T1	4218	1.15	399	96.2	58.346	460//380-415/660-690	7;43
		1200/1000	355M/L	26012ET3Y355M/L-W22	\$53,001	T1	5075	1.15	436	95.9	58.346	460//380-415/660-690	7;43
400	300	3600/3000	355M/L	30036ET3Y355M/L-W22	\$66,321	T1	4034	1.15	315	96.2	55.591	460//380-415/660-690	7;43
		1800/1500	355M/L	30018ET3Y355M/L-W22	\$60,292	T1	4337	1.00	466	96.2	58.346	460//380-415/660-690	7;43
450	330	1800/1500	355M/L	33018ET3Y355M/L-W22	\$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	.3718EP3EAL71FF-W22	\$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	.5536EP3EAL71FF-W22	\$366	T1	23	1.15	1.14	76.0	9.764	230/460//380-415 V	2;7
		1800/1500	80	.5518EP3EAL80FF-W22	\$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	.7518ET3EAL90S/LFF-W	\$479	T1	42	1.25	1.47	85.5	12.953	230/460//380-415 V	2;7
		1800/1500	90S/L	.7518ET3WAL90S/LFF-W	\$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	00158ET3EAL90LFF-W22	\$583	T1	49	1.25	2.79	86.5	12.953	208-230/460//380-415 V	2;7
		1800/1500	90LFF	00158ET3WAL90LFF-W22	\$583	T1	51	1.25	2.79	86.5	12.953	460//220-240/380-415 V	
		1200/1000	100L	00152ET3WAL100LFF-W2	\$882	T1	76	1.25	3.04	88.5	14.803	460//220-240/380-415 V	2;7
3	2.2	3600/3000	90LFF	00236ET3WAL90LFF-W22	\$815	T1	46	1.25	3.85	86.5	12.953	460//220-240/380-415 V	
		1800/1500	100L	00218ET3EAL100LFF-W2	\$700	T1	66	1.25	4.11	89.5	14.803	230/460//380-415 V	2;7
		1800/1500	100LFF	00218ET3WAL100LFF-W2	\$700	T1	68	1.25	4.05	87.5	14.803	460//220-240/380-415 V	
4	3	1800/1500	100L	00318ET3WAL100LFF-W2	\$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	00436ET3YAL112MFF-W2	\$944	T1	86	1.25	6.67	88.5	15.472	460//380-415 V	2;7
		1800/1500	112M	00418ET3YAL112MFF-W2	\$749	T1	93	1.25	7.28	89.5	15.472	460//380-415 V	2;7
		1200/1000	132M	00412ET3YAL132MFF-W2	\$1,333	T1	147	1.25	7.90	89.5	19.291	460//380-415 V	2;7
7.5	5.5	3600/3000	132SFF	00536ET3YAL132SFF-W2	\$1,223	T1	135	1.25	8.97	89.5	19.291	460//380-415 V	39
		1800/1500	132S	00518ET3YAL132SFF-W2	\$1,011	T1	142	1.25	9.07	91.7	19.291	460//380-415 V	2;7
10	7.5	3600/3000	132S	00736ET3YAL132SFF-W2	\$1,371	T1	147	1.25	12.3	90.2	19.291	460//380-415 V	2;7
		1800/1500	132M	00718ET3YAL132MFF-W2	\$1,189	T1	159	1.25	12.2	91.7	19.291	460//380-415 V	2;7
15	11	3600/3000	160M	01136ET3Y160MFF-W22	\$2,219	T1	304	1.25	17.9	91.7	23.543	460//380-415 V	7
		1800/1500	160M	01118ET3Y160MFF-W22	\$1,843	T1	304	1.25	18.2	92.4	23.543	460//380-415 V	7
20	15	1800/1500	160L	01518ET3Y160LFF-W22	\$2,235	T1	358	1.25	25.0	93.0	25.276	460//380-415 V	7



SINGLE-PHASE

Foot MountA-113

C-Face – Foot MountA-113

THREE-PHASE

Foot MountA-115

C-Face – Foot MountA-119

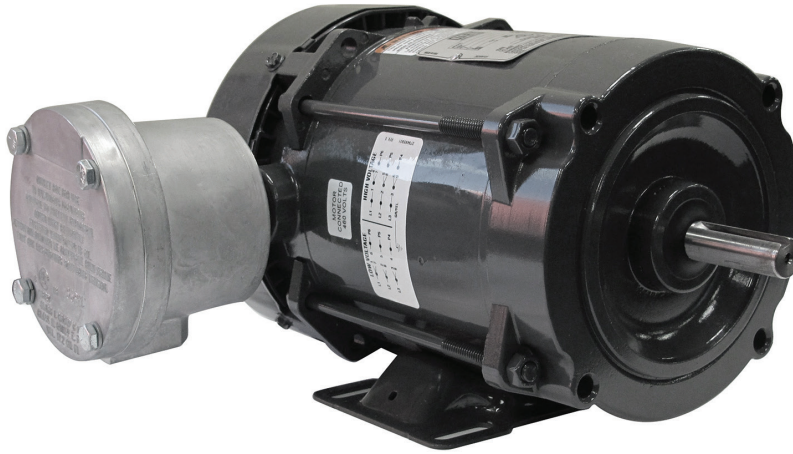
C-Face – FootlessA-120

JP – Foot MountA-120

ATEX Foot MountA-123

Explosion Proof
Motors

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

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

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)
- 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 & G¹
 - Frame (143T-326T) Temperature Code T3C²
 - Frame (364T and up) Temperature Code T3C

¹⁾ Class II UL only available as IP54 Modification.

²⁾ T4 Temperature Code available on sine wave power as mod

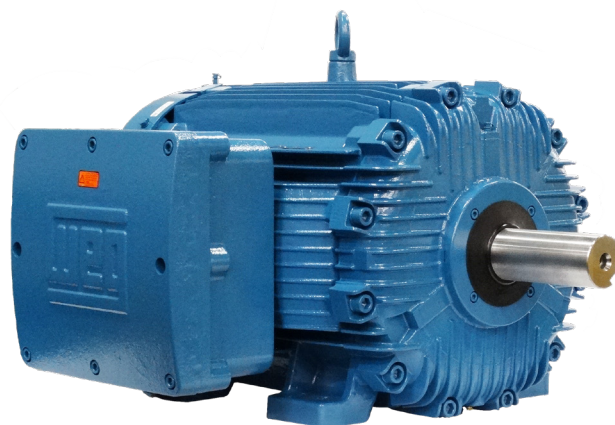
Stock units are Class II only for cCSA_{US}

Available with AEGIS® SGR Inside

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-19

MECHANICAL DATA: B-81



Features that make a difference:

- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- IP55 rated enclosure
- VFD Service 20:1 CT; 1000:1 VT (cCSAus and excludes frames 449T & 586/7)

CSA files are NRTL cCSA_{US} listings

Inverter Rated: 143T – 586/7*

UL Listed - (File E87848)

CSA US - (Certificate 1629892)

Constant Torque

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

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

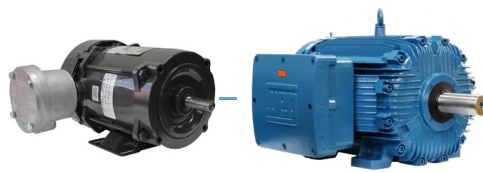
2:1 for frame 364/5T to 586/7T - Class I & II
(Class I only for 449T)

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	
2	1.5	900	182/4T	00159XT3E184T	\$1,901	XT	136	1.15	2.70	82.5	15.862	230/460	
		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	
3	2.2	1200	182/4T	00212XT3H184T	\$1,158	XT	137	1.15	2.50	88.5	15.862	575	
		900	213/5T	00209XT3E213T	\$2,439	XT	174	1.15	3.45	84.0	19.450	230/460	39
		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	
5	3.7	900	213/5T	00309XT3E215T	\$2,805	XT	205	1.15	4.36	85.5	19.450	230/460	39
		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	

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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	00736XT3E213T	\$1,646	XT	182	1.15	8.57	89.5	19.450	230/460	
		3600	213/5T	00736XT3H213T	\$1,646	XT	182	1.15	6.86	89.5	19.450	575	
		1800	213/5T	00718XT3E213T	\$1,897	XT	178	1.15	9.41	91.7	19.450	230/460	
		1800	213/5T	00718XT3H213T	\$1,897	XT	177	1.15	7.53	91.7	19.450	575	
		1200	254T	00712XT3E254T	\$2,483	XT	344	1.15	9.73	91.0	23.175	230/460	
		1200	254T	00712XT3H254T	\$2,483	XT	344	1.15	7.78	91.0	23.175	575	
		900	256T	00709XT3E256T	\$4,707	XT	388	1.15	11.6	87.5	24.923	230/460	39
10	7.5	3600	213/5T	01036XT3E215T	\$1,727	XT	207	1.15	11.6	90.2	19.450	230/460	
		3600	213/5T	01036XT3H215T	\$1,727	XT	206	1.15	9.28	90.2	19.450	575	
		1800	L213/5T	01018XT3E215T	\$1,997	XT	149	1.15	12.7	91.7	20.631	230/460	
		1800	L213/5T	01018XT3H215T	\$1,997	XT	213	1.15	10.2	91.7	20.631	575	
		1200	256T	01012XT3E256T	\$2,900	XT	387	1.15	13.3	91.0	24.923	230/460	
		1200	256T	01012XT3H256T	\$2,900	XT	387	1.15	10.6	91.0	24.923	575	39
		900	284T	01009XT3E284T	\$5,668	XT	496	1.15	13.3	91.0	26.407	230/460	
15	11	3600	254T	01536XT3E254T	\$2,387	XT	343	1.15	17.4	91.0	23.175	230/460	
		3600	254T	01536XT3H254T	\$2,387	XT	342	1.15	13.9	91.0	23.175	575	
		1800	254T	01518XT3E254T	\$2,653	XT	348	1.15	18.4	92.4	23.175	230/460	
		1800	254T	01518XT3H254T	\$2,653	XT	302	1.15	14.7	92.4	23.175	575	
		1200	284T	01512XT3E284T	\$4,048	XT	498	1.15	17.5	91.7	26.407	230/460	
		1200	284T	01512XT3H284T	\$4,048	XT	497	1.15	14.0	91.7	26.407	575	
		900	286T	01509XT3E286T	\$7,102	XT	536	1.15	19.0	91.0	27.905	230/460	
20	15	3600	256T	02036XT3E256T	\$3,083	XT	380	1.15	23.2	91.0	24.923	230/460	
		3600	256T	02036XT3H256T	\$3,083	XT	379	1.15	18.6	91.0	24.923	575	
		1800	256T	02018XT3E256T	\$3,008	XT	391	1.15	25.0	93.0	24.923	230/460	
		1800	256T	02018XT3H256T	\$3,008	XT	392	1.15	20.0	93.0	24.923	575	
		1200	286T	02012XT3E286T	\$4,444	XT	537	1.15	24.2	91.7	27.905	230/460	
		1200	286T	02012XT3H286T	\$4,444	XT	536	1.15	19.4	91.7	27.905	575	
		900	324T	02009XT3E324T	\$8,390	XT	654	1.15	27.5	92.4	29.602	230/460	
25	18.5	3600	284TS	02536XT3E284TS	\$4,188	XT	493	1.15	28.6	92.4	25.033	230/460	
		3600	284TS	02536XT3H284TS	\$4,188	XT	493	1.15	22.9	92.4	25.033	575	
		1800	284T	02518XT3E284T	\$3,886	XT	486	1.15	29.9	93.6	26.407	230/460	
		1800	284T	02518XT3H284T	\$3,886	XT	506	1.15	23.9	93.6	26.407	575	
		1200	324T	02512XT3E324T	\$5,375	XT	686	1.15	30.4	93.0	29.602	230/460	
		1200	324T	02512XT3H324T	\$5,375	XT	665	1.15	24.3	93.0	29.602	575	
		900	326T	02509XT3E326T	\$10,512	XT	713	1.15	35.4	92.4	31.106	230/460	
30	22	3600	286TS	03036XT3E286TS	\$4,262	XT	544	1.15	33.7	93.0	26.531	230/460	
		3600	286TS	03036XT3H286TS	\$4,262	XT	543	1.15	27.0	93.0	26.531	575	
		1800	286T	03018XT3E286T	\$4,296	XT	650	1.15	36.0	93.6	27.905	230/460	
		1800	286T	03018XT3H286T	\$4,296	XT	546	1.15	28.8	93.6	27.905	575	
		1200	326T	03012XT3E326T	\$6,196	XT	747	1.15	36.7	93.0	31.106	230/460	39
		1200	326T	03012XT3H326T	\$6,196	XT	734	1.15	29.4	93.0	31.106	575	
		900	364/5T	03009XT3E364T	\$15,071	XT	1010	1.15	38.5	93.0	33.701	230/460	

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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	04036XT3E324TS	\$5,583	XT	669	1.15	45.8	93.6	28.102	230/460	
		3600	324TS	04036XT3H324TS	\$5,583	XT	669	1.15	36.6	93.6	28.102	575	
		1800	324T	04018XT3E324T	\$5,380	XT	690	1.15	48.2	94.1	29.602	230/460	
		1800	324T	04018XT3H324T	\$5,380	XT	693	1.15	38.6	94.1	29.602	575	
		1200	364/5T	04012XT3E364T	\$10,576	XT	1091	1.15	47.1	94.1	33.701	230/460	
		1200	364/5T	04012XT3H364T	\$10,576	XT	1084	1.15	37.7	94.1	33.701	575	
		900	364/5T	04009XT3E365T	\$15,505	XT	1110	1.15	52.2	93.6	33.701	230/460	
50	37	3600	326TS	05036XT3E326TS	\$6,582	XT	731	1.15	55.5	94.1	29.606	230/460	
		3600	326TS	05036XT3H326TS	\$6,582	XT	723	1.15	44.4	94.1	29.606	575	
		1800	326T	05018XT3E326T	\$6,545	XT	702	1.15	60.6	94.5	31.106	230/460	
		1800	326T	05018XT3H326T	\$6,545	XT	732	1.15	48.5	94.5	31.106	575	
		1200	364/5T	05012XT3E365T	\$10,597	XT	1124	1.15	58.1	94.1	33.701	230/460	39
		1200	364/5T	05012XT3H365T	\$10,597	XT	1113	1.15	46.5	94.1	33.701	575	
		900	404/5T	05009XT3E404T	\$22,443	XT	1338	1.15	68.0	93.6	38.074	230/460	
60	45	3600	364/5TS	06036XT3E364TS	\$9,988	XT	1109	1.15	68.2	94.1	31.575	230/460	
		3600	364/5TS	06036XT3H364TS	\$9,988	XT	1114	1.15	54.6	94.1	31.575	575	
		1800	364/5T	06018XT3E364T	\$10,460	XT	1146	1.15	68.3	95.0	33.701	230/460	
		1800	364/5T	06018XT3H364T	\$10,460	XT	1112	1.15	54.6	95.0	33.701	575	
		1200	404/5T	06012XT3E404T	\$13,196	XT	1279	1.15	70.3	94.5	38.074	230/460	39
		1200	404/5T	06012XT3H404T	\$13,196	XT	1222	1.15	56.2	94.5	38.074	575	
		900	404/5T	06009XT3E405T	\$26,900	XT	1336	1.15	75.9	93.0	38.074	230/460	
75	55	3600	364/5TS	07536XT3E365TS	\$11,285	XT	1110	1.15	82.4	94.1	31.575	230/460	
		3600	364/5TS	07536XT3H365TS	\$11,285	XT	1033	1.15	65.9	94.1	31.575	575	
		1800	364/5T	07518XT3E365T	\$11,125	XT	1146	1.15	83.2	95.4	33.701	230/460	
		1800	364/5T	07518XT3H365T	\$11,125	XT	1133	1.15	66.6	95.4	33.701	575	
		1200	404/5T	07512XT3E405T	\$13,836	XT	1330	1.15	87.0	94.5	38.074	230/460	
		900	444/5T	07509XT3E444T	\$29,094	XT	2077	1.15	92.2	93.6	43.797	230/460	
100	75	3600	404/5TS	10036XT3E405TS	\$12,999	XT	1290	1.15	110	95.0	35.074	230/460	
		3600	404/5TS	10036XT3G405TS	\$12,999	XT	1214	1.15	110	95.0	35.074	460	
		3600	404/5TS	10036XT3H405TS	\$12,999	XT	1296	1.15	88.1	95.0	35.074	575	39
		1800	404/5T	10018XT3E405T	\$14,206	XT	1317	1.15	113	95.4	38.074	230/460	
		1800	404/5T	10018XT3G405T	\$14,206	XT	1313	1.15	113	95.4	38.074	460	
		1800	404/5T	10018XT3H405T	\$14,206	XT	1322	1.15	90.4	95.4	38.074	575	
		1200	444/5T	10012XT3E444T	\$21,032	XT	2268	1.15	121	95.0	43.797	230/460	
		1200	444/5T	10012XT3G444T	\$21,032	XT	2233	1.15	121	95.0	43.797	460	
		900	444/5T	10009XT3E445T	\$31,191	XT	2225	1.15	125	94.1	43.797	230/460	
125	90	3600	444/5TS	12536XT3G444TS	\$20,874	XT	2173	1.15	132	95.0	40.047	460	
		1800	444/5T	12518XT3E444T	\$19,961	XT	2214	1.15	142	95.4	43.797	230/460	
		1800	444/5T	12518XT3G444T	\$19,961	XT	2208	1.15	142	95.4	43.797	460	
		1200	444/5T	12512XT3G445T	\$21,537	XT	2428	1.15	150	95.0	43.797	460	

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THREE -PHASE

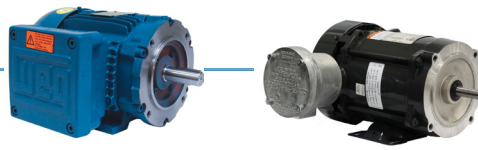
Foot Mount - *continued*

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
150	110	3600	444/5TS	15036XT3G445TS	\$21,320	XT	2345	1.15	161	95.4	40.047	460	39
		1800	444/5T	15018XT3E445T	\$21,557	XT	2364	1.15	170	95.8	43.797	230/460	
		1800	444/5T	15018XT3G445T	\$21,557	XT	2358	1.15	170	95.8	43.797	460	
		1800	444/5T	15018XT3H445T	\$21,557	XT	2353	1.15	136	95.8	43.797	575	39
		1200	447T	15012XT3G447T	\$32,370	XT	2828	1.15	174	95.8	47.339	460	
		1200	504/5T	15012XT3G504	\$32,370	XT	2869	1.15	174	95.8	49.445	460	43
200	150	3600	447TS	20036XT3G447TS	\$29,446	XT	2656	1.15	221	95.8	43.589	460	
		1800	447T	20018XT3G447T	\$29,397	XT	2585	1.15	230	96.2	47.339	460	
		1800	504/5T	20018XT3G504	\$29,397	XT	2534	1.15	230	96.2	49.445	460	37;43
		1200	447T	20012XT3G447T	\$33,613	XT	2848	1.15	249	95.8	47.339	460	
250	185	3600	447TS	25036XT3G447TS	\$31,124	XT	2774	1.15	269	95.8	43.589	460	
		1800	447T	25018XT3G447T	\$32,866	XT	2853	1.15	284	96.2	47.339	460	
		1800	447T	25018XT3H447T	\$32,866	XT	2742	1.15	227	96.2	47.339	575	
		1200	449T	25012XT3G449T	\$48,048	XT	3352	1.15	299	95.8	54.996	460	
300	220	3600	449TS	30036XT3G449TS	\$48,747	XT	3185	1.15	320	95.8	51.246	460	37
		1800	449T	30018XT3G449T	\$42,566	XT	3280	1.15	334	96.2	54.996	460	37
		1200	449T	30012XT3G449T	\$52,790	XT	3361	1.15	351	95.8	54.996	460	
350	260	3600	449TS	35036XT3G449TS	\$65,868	XT	3802	1.15	379	95.8	51.246	460	
		1800	449T	35018XT3G449T	\$53,222	XT	3476	1.15	390	96.2	54.996	460	37;39
		1200	586/7	35012XT3G586/7	\$71,652	XT	4655	1.15	421	95.8	61.389	460	39;43
400	300	1800	586/7	40018XT3G586/7	\$61,096	XT	4345	1.15	460	96.2	61.389	460	43
		1200	586/7	40012XT3G586/7	\$75,473	XT	5267	1.15	479	95.8	61.389	460	43
450	330	1800	586/7	45018XT3G586/7	\$65,201	XT	4747	1.15	501	96.2	61.389	460	19;39;43
500	370	1800	586/7	50018XT3G586/7	\$70,086	XT	5063	1.00	568	96.2	61.389	460	1;19;43

Explosion Proof Motors

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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	39
		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	
3	2.2	3600	182/4TC	00336XT3E182TC	\$1,262	XT	122	1.15	3.76	86.5	15.862	230/460	39
		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	39
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	

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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	03018XT3E286TC	\$4,672	XT	555	1.15	36.0	93.6	27.905	230/460	
40	30	1800	324TC	04018XT3E324TC	\$5,919	XT	700	1.15	48.2	94.1	29.602	230/460	
50	37	1800	326TC	05018XT3E326TC	\$7,084	XT	740	1.15	60.6	94.5	31.106	230/460	
60	45	1800	364/5TC	06018XT3E364TC	\$11,116	XT	1126	1.15	68.3	95.0	33.701	230/460	
75	55	1800	364/5TC	07518XT3E365TC	\$11,781	XT	1147	1.15	83.2	95.4	33.701	230/460	
100	75	1800	404/5TC	10018XT3E405TC	\$14,993	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	00118XT3ER143TC	\$1,072	XT	71	1.15	1.43	85.5	14.460	230/460	15
1.5	1.1	1800	143/5TC	00158XT3ER145TC	\$1,135	XT	78	1.15	2.05	86.5	14.460	230/460	15
2	1.5	1800	143/5TC	00218XT3ER145TC	\$1,168	XT	78	1.15	2.72	86.5	14.460	230/460	15
3	2.2	1800	182/4TC	00318XT3ER182TC	\$1,397	XT	128	1.15	3.91	89.5	17.082	230/460	15
5	3.7	1800	182/4TC	00518XT3ER184TC	\$1,409	XT	142	1.15	6.57	89.5	17.082	230/460	15;39
7.5	5.5	1800	213/5TC	00718XT3ER213TC	\$2,118	XT	186	1.15	9.41	91.7	19.450	230/460	15
10	7.5	1800	L215TC	01018XT3ER215TC	\$2,220	XT	220	1.15	12.7	91.7	23.493	230/460	15
15	11	1800	254TC	01518XT3ER254TC	\$3,029	XT	320	1.15	18.4	92.4	25.025	230/460	15
20	15	1800	256TC	02018XT3ER256TC	\$3,391	XT	403	1.15	25.0	93.0	26.773	230/460	15
25	18.5	1800	284TC	02518XT3ER284TC	\$4,340	XT	523	1.15	29.9	93.6	28.651	230/460	15
30	22	1800	286TC	03018XT3ER286TC	\$4,758	XT	548	1.15	36.0	93.6	30.149	230/460	15
40	30	1800	324TC	04018XT3ER324TC	\$6,027	XT	702	1.15	48.2	94.1	32.240	230/460	15
50	37	1800	326TC	05018XT3ER326TC	\$7,215	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	00318XT3E182JP	\$1,586	XT	119	1.15	3.91	89.5	20.431	230/460	
		1800	182/4JP	00318XT3H182JP	\$1,586	XT	119	1.15	3.13	89.5	20.431	575	
5	3.7	1800	182/4JP	00518XT3E184JP	\$1,609	XT	136	1.15	6.57	89.5	20.306	230/460	
		1800	182/4JP	00518XT3H184JP	\$1,609	XT	136	1.15	5.26	89.5	20.306	575	

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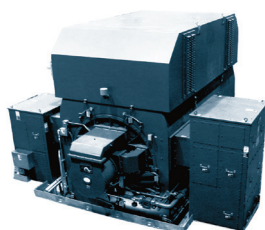
WEG offers a complete range of products and services for the Oil & Gas segment

WEG / EM has manufactured motors and generators for the petroleum industry for over 100 years. We understand that every application is different and will work with the customer to meet their needs.

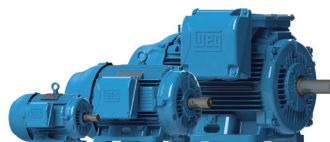
Motors can be designed to API Standards (where applicable), meeting welding, structural, vibration and testing requirements. Motors can be built for operation in classified hazardous areas per NEC or IEC/EN (ATEX) requirements. For synchronous motors, standard brushless excitation is non-sparking for hazardous atmospheres.



Synchronous and Induction Motors
Up to 150,000 HP



Turbogenerators
Up to 150 MW



NEMA, Above NEMA and IEC Low Voltage Motors
Up to 2,000 HP



Low and Medium Voltage Drives and Soft Starters
Up to 10,000 HP



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A-121

Three-Phase IEC - Flameproof Motors

ATEX MOTORS

TEFC - Ex d - IE2

Standard Features:

- 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

ADDITIONAL TECHNICAL DATA

CONTACT WEG OR VISIT WWW.WEG.NET





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
		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
		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
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
		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
		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
		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
		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
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
		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
		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
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
		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
		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
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
		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
		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
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
		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
		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
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
		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
		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

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Explosion Proof Motors

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THREE -PHASE

ATEX 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
15	11	3000//3600	160M/L	E01136XP3YAX160MF3-W	\$4,148	XD	446	1.00	20.1	90.6	28.228	380-415/660-690//440-460	1;8;27
		1500//1800	160M/L	E01118XP3YAX160MF3-W	\$4,151	XD	359	1.00	20.9	90.3	28.228	380-415/660-690//440-460	1;8;27
		1000//1200	160M/L	E01112XP3YAX160LF3-W	\$5,281	XD	392	1.00	21.7	89.3	28.228	380-415/660-690//440-460	1;8;27
20	15	3000//3600	160M/L	E01536XP3YAX160MF3-W	\$4,924	XD	461	1.00	27.2	91.4	28.228	380-415/660-690//440-460	1;8;27
		1500//1800	160M/L	E01518XP3YAX160LF3-W	\$4,608	XD	381	1.00	28.2	91.2	28.228	380-415/660-690//440-460	1;8;27
		1000//1200	180M/L	E01512XP3YAX180LF3-W	\$6,436	XD	512	1.00	27.1	90.6	29.606	380-415/660-690//440-460	1;8;27
25	18.5	3000//3600	160M/L	E01836XP3YAX160LF3-W	\$5,915	XD	409	1.00	33.2	92.2	28.228	380-415/660-690//440-460	1;8;27
		1500//1800	180M/L	E01818XP3YAX180MF3-W	\$6,059	XD	584	1.00	34.7	91.7	29.606	380-415/660-690//440-460	1;8;27
		1000//1200	200M/L	E01812XP3YAX200LF3-W	\$8,379	XD	617	1.00	35.2	91.3	32.323	380-415/660-690//440-460	1;8;27
30	22	3000//3600	180M/L	E02236XP3YAX180MF3-W	\$7,099	XD	582	1.00	38.1	92.4	29.606	380-415/660-690//440-460	1;8;27
		1500//1800	180M/L	E02218XP3YAX180LF3-W	\$6,706	XD	478	1.00	39.9	92.4	29.606	380-415/660-690//440-460	1;8;27
		1000//1200	200M/L	E02212XP3YAX200LF3-W	\$9,487	XD	529	1.00	41.8	91.6	32.323	380-415/660-690//440-460	1;8;27
40	30	3000//3600	200M/L	E03036XP3YAX200LF3-W	\$8,824	XD	647	1.00	52.2	93.0	32.323	380-415/660-690//440-460	1;8;27
		1500//1800	200M/L	E03018XP3YAX200LF3-W	\$8,717	XD	684	1.00	56.9	92.9	32.323	380-415/660-690//440-460	1;8;27
		1000//1200	225S/M	E03012XP3YAX225SMF3W	\$12,936	XD	937	1.00	54.9	92.7	37.441	380-415/660-690//440-460	1;8;27
50	37	3000//3600	200M/L	E03736XP3YAX200LF3-W	\$10,812	XD	573	1.00	64.0	93.5	32.323	380-415/660-690//440-460	1;8;27
		1500//1800	225S/M	E03718XP3YAX225SMF3W	\$11,099	XD	998	1.00	64.9	93.3	37.441	380-415/660-690//440-460	1;8;27
		1000//1200	250S/M	E03712XP3YAX250SMF3W	\$15,176	XD	1103	1.00	65.0	93.2	39.724	380-415/660-690//440-460	1;8;27
60	45	3000//3600	225S/M	E04536XP3YAX225SMF3W	\$17,255	XD	1075	1.00	75.8	93.8	36.260	380-415/660-690//440-460	1;8;27
		1500//1800	225S/M	E04518XP3YAX225SMF3W	\$12,846	XD	970	1.00	81.5	93.7	37.441	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E04512XP3YAX280SMF3W	\$21,544	XD	1793	1.00	83.7	93.5	44.705	380-415/660-690//440-460	1;8;27
75	55	3000//3600	250S/M	E05536XP3YAX250SMF3W	\$21,608	XD	1227	1.00	92.5	94.0	39.724	380-415/660-690//440-460	1;8;27
		1500//1800	250S/M	E05518XP3YAX250SMF3W	\$19,034	XD	1312	1.00	94.6	94.1	39.724	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E05512XP3YAX280SMF3W	\$27,320	XD	1704	1.00	99.4	93.9	44.705	380-415/660-690//440-460	1;8;27

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ATEX 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
100	75	3000//3600	280S/M	E07536XP3YAX280SMF3W	\$30,248	XD	1854	1.00	126	94.3	44.705	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E07518XP3YAX280SMF3W	\$23,986	XD	1852	1.00	130	94.4	44.705	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E07512XP3YAX315SMF3W	\$31,133	XD	1599	1.00	137	94.2	51.654	380-415/660-690//440-460	1;8;27
125	90	3000//3600	280S/M	E09036XP3YAX280SMF3W	\$36,063	XD	1934	1.00	151	94.5	44.705	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E09018XP3YAX280SMF3W	\$33,209	XD	2060	1.00	154	94.7	44.705	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E09012XP3YAX315SMF3W	\$40,124	XD	2271	1.00	159	94.6	51.654	380-415/660-690//440-460	1;8;27
150	110	3000//3600	315S/M	E11036XP3YAX315SMF3W	\$42,763	XD	2205	1.00	183	94.9	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E11018XP3YAX315SMF3W	\$37,846	XD	2426	1.00	192	95.0	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E11012XP3YAX315SMF3W	\$48,658	XD	2569	1.00	194	94.9	51.654	380-415/660-690//440-460	1;8;27
175	132	3000//3600	315S/M	E13236XP3YAX315SMF3W	\$54,064	XD	2337	1.00	217	95.2	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E13218XP3YAX315SMF3W	\$45,939	XD	2624	1.00	224	95.2	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E13212XP3YAX315SMF3W	\$82,346	XD	3749	1.00	233	95.0	51.654	380-415/660-690//440-460	1;8;27
220	160	3000//3600	315S/M	E16036XP3YAX315SMF3W	\$67,306	XD	2567	1.00	262	95.3	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E16018XP3YAX315SMF3W	\$50,129	XD	2668	1.00	271	95.4	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E16012XP3YAX355MLF3W	\$90,159	XD	3969	1.00	290	96.0	61.358	380-415/660-690//440-460	1;8;27
270	200	3000//3600	355M/L	E20036XP3YAX355MLF3W	\$100,962	XD	4035	1.00	320	95.6	58.602	380-415/660-690//440-460	1;8;27
		1500//1800	355M/L	E20018XP3YAX355MLF3W	\$80,905	XD	4006	1.00	346	95.6	61.358	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E20012XP3YAX355MLF3W	\$110,130	XD	4212	1.00	368	95.7	61.358	380-415/660-690//440-460	1;8;27
340	250	3000//3600	355M/L	E25036XP3YAX355MLF3W	\$111,375	XD	4348	1.00	392	96.4	58.602	380-415/660-690//440-460	1;8;27
		1500//1800	355M/L	E25018XP3YAX355MLF3W	\$94,903	XD	4236	1.00	432	95.8	61.358	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E25012XP3YAX355MLF3W	\$133,308	XD	4818	1.00	461	95.5	61.358	380-415/660-690//440-460	1;8;27
430	315	1500//1800	355M/L	E31518XP3YAX355MLF3W	\$108,540	XD	4844	1.00	538	95.8	61.358	380-415/660-690//440-460	1;8;27

Please refer to back cover for description of "NOTES"

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

Data subject to change without notice.

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

- 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		
20	Round Body - Drip Cover NOT Included		
21	Stainless Steel Body		
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)		