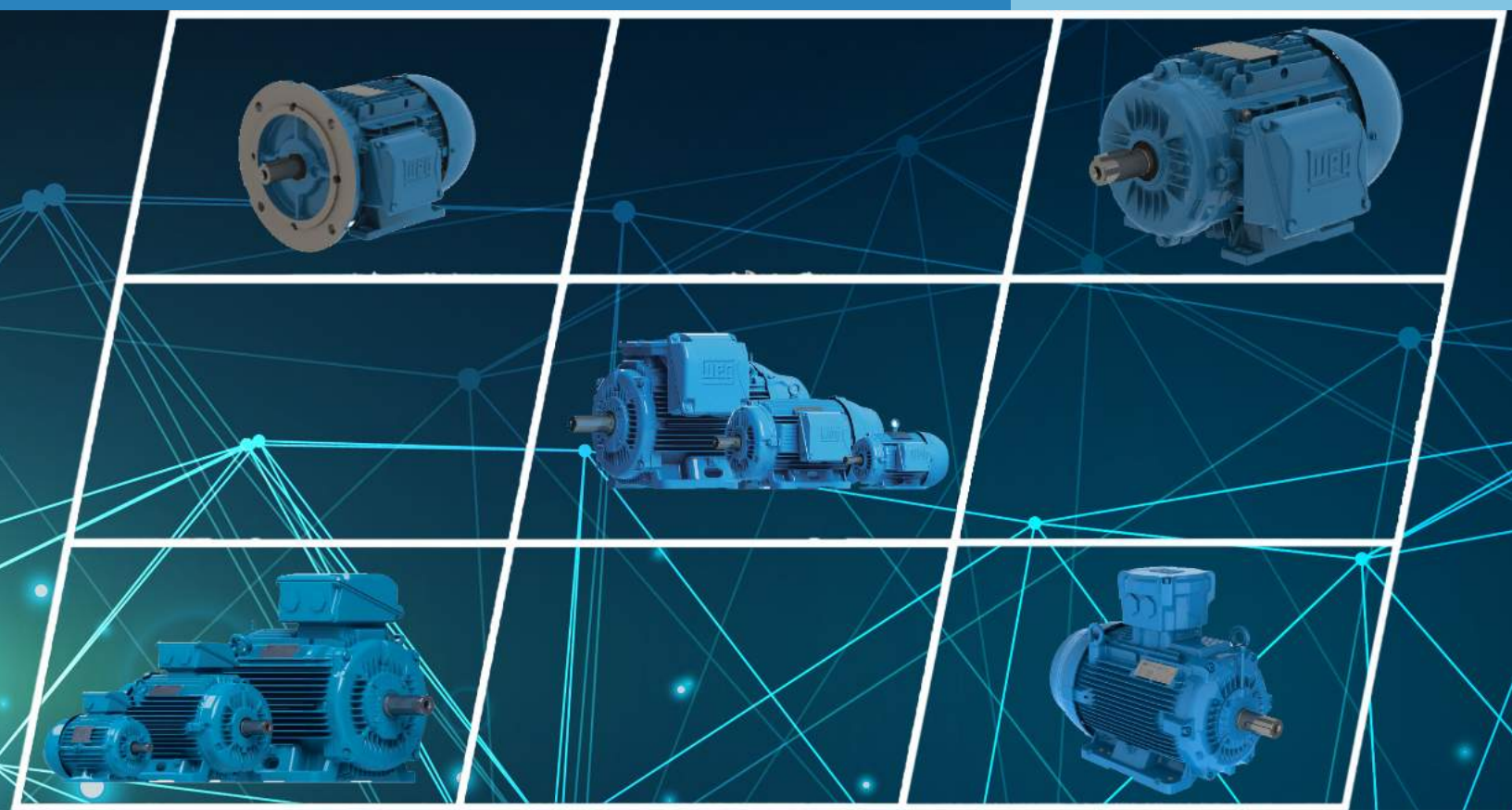


WEG Standard Product Catalog

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TRU-METRIC™

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ATEX MOTORS

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IEC Tru-Metric™ Motors

GENERAL PURPOSE MOTORS

TEFC - Three-Phase

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

Standard Features:

- 60 Hz (1.25 Service Factor up to 200HP) 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 (W and Y voltage code motors)
- 660-690V; Sine Wave Only and with Nameplate Mod



W22 Cast Iron



Aluminum

Features that make a difference:

- 1.25 Service Factor for 60 Hz operation (IE3) up to 200 hp
- 1.00 Service Factor for 50 Hz operation (IE3)
- Optimized ventilation system for cooler operation and reduced noise levels
- Solid base for reduced 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
- Aluminum frames have removable feet for easy F1, F2 and F3 (B3L, B3R, B3T) conversion
- Terminal blocks

Inverter Rated (IE3):
1000:1 for variable torque
12:1 for constant torque

** 460V and below only*



Please refer to back cover for description of "NOTES"

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A-247



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
0.25	0.18	3600//3000	63	.1836EP3EAL63-W22	\$280	T1	14	1.15	0.48	68.0	8.504	230/460//190/380	2;7
		1800//1500	63	.1818EP3EAL63-W22	\$267	T1	16	1.15	0.51	69.0	8.504	230/460//190/380	2;7
		1200//1000	71	.1812EP3EAL71-W22	\$338	T1	22	1.15	0.77	61.0	9.764	230/460//190/380	2;7
		900//750	80	.1809EP3EAL80-W22	\$540	T1	30	1.25	0.80	50.5	10.866	230/460//190/380	2;7
		900//750	80	.1809EP3WAL80-W22	\$540	T1	28	1.15	0.80	50.5	10.866	460//220-240/380-415	2;7
0.33	0.25	3600//3000	63	.2536EP3EAL63-W22	\$286	T1	16	1.15	0.62	70.0	8.504	230/460//190/380	2;7
		1800//1500	71	.2518EP3EAL71-W22	\$282	T1	24	1.15	0.68	73.0	9.764	230/460//190/380	2;7
		1200//1000	71	.2512EP3EAL71-W22	\$363	T1	24	1.15	1.00	64.0	9.764	230/460//190/380	2;7
		900//750	80	.2509EP3EAL80-W22	\$583	T1	29	1.15	0.87	57.5	10.866	230/460//190/380	2;7
		900//750	80	.2509EP3WAL80-W22	\$583	T1	32	1.15	0.87	57.5	10.866	460//220-240/380-415	2;7
0.5	0.37	3600//3000	71	.3736EP3EAL71-W22	\$309	T1	22	1.15	0.83	73.0	9.764	230/460//190/380	2;7
		1800//1500	71	.3718EP3EAL71-W22	\$290	T1	24	1.15	1.06	73.0	9.764	230/460//190/380	2;7
		1200//1000	80	.3712EP3EAL80-W22	\$378	T1	27	1.15	1.07	64.0	10.866	230/460//190/380	2;7
		900//750	90S/L	.3709EP3EAL90S-W22	\$662	T1	40	1.15	1.35	61.5	12.953	230/460//190/380	2;7
		900//750	90S/L	.3709EP3WAL90S/L-W22	\$662	T1	40	1.15	1.35	61.5	12.953	460//220-240/380-415	2;7
0.75	0.55	3600//3000	71	.5536EP3EAL71-W22	\$316	T1	23	1.15	1.14	76.0	9.764	230/460//190/380	2;7
		1800//1500	80	.5518EP3EAL80-W22	\$333	T1	28	1.15	1.25	77.0	10.866	230/460//190/380	2;7
		1200//1000	80	.5512EP3EAL80-W22	\$405	T1	32	1.15	1.63	66.0	10.866	230/460//190/380	2;7
		900//750	90S/L	.5509EP3EAL90L-W22	\$696	T1	46	1.15	2.12	62.5	12.953	230/460//190/380	2;7
		900//750	90S/L	.5509EP3WAL90S/L-W22	\$696	T1	58	1.15	2.12	62.5	12.953	460//220-240/380-415	2;7
1	0.75	3600//3000	80	.7536ET3WAL80-W22	\$397	T1	27	1.25	1.43	81.5	10.866	460//220-240/380-415	2;7
		1800//1500	90S/L	.7518ET3EAL90S/L-W22	\$420	T1	42	1.25	1.47	85.5	12.953	230/460//190/380	2;7
		1800//1500	90S/L	.7518ET3WAL90S/L-W22	\$420	T1	43	1.25	1.47	85.5	12.953	460//220-240/380-415	2;7
		1200//1000	90S/L	.7512ET3EAL90S-W22	\$537	T1	47	1.25	1.68	82.5	12.953	230/460//190/380	2;7
		1200//1000	90S/L	.7512ET3WAL90S-W22	\$537	T1	51	1.25	1.68	82.5	12.953	460//220-240/380-415	2;7
		900//750	100L	.7509ET3EAL100L-W22	\$869	T1	68	1.25	2.11	75.5	14.803	230/460//190/380	2;7
1.5	1.1	3600//3000	80	.00136ET3EAL80-W22	\$444	T1	29	1.25	2.03	84.0	10.866	230/460//190/380	2;7
		3600//3000	80	.00136ET3WAL80-W22	\$444	T1	30	1.25	2.03	84.0	10.866	460//220-240/380-415	2;7
		1800//1500	90S/L	.00118ET3EAL90S-W22	\$470	T1	44	1.25	2.05	86.5	12.953	230/460//190/380	2;7
		1800//1500	90S/L	.00118ET3WAL90S-W22	\$470	T1	44	1.25	2.05	86.5	12.953	460//220-240/380-415	2;7
		1200//1000	100L	.00112ET3EAL100L-W22	\$746	T1	80	1.00	2.32	87.5	14.803	230/460//190/380	2;7
2	1.5	3600//3000	90S/L	.00156ET3EAL90S-W22	\$504	T1	44	1.25	2.69	85.5	12.953	230/460//190/380	2;7
		3600//3000	90S/L	.00156ET3WAL90S-W22	\$504	T1	44	1.25	2.69	85.5	12.953	460//220-240/380-415	2;7
		1800//1500	90S/L	.00158ET3EAL90L-W22	\$524	T1	49	1.25	2.79	86.5	12.953	230/460//190/380	2;7
		1800//1500	90S/L	.00158ET3WAL90L-W22	\$524	T1	49	1.25	2.79	86.5	12.953	460//220-240/380-415	2;7
		1200//1000	100L	.00152ET3WAL100L-W22	\$812	T1	76	1.25	3.13	88.5	16.535	460//220-240/380-415	2;7
		1200//1000	112M	.00152ET3EAL112M-W22	\$923	T1	93	1.25	3.08	88.5	15.472	230/460//190/380	2;7;51
		1200//1000	112M	.00152ET3WAL112M-W22	\$923	T1	93	1.25	3.08	88.5	15.472	460//220-240/380-415	2;7;51
		900//750	112M	.00159ET3YAL112M-W22	\$1,001	T1	90	1.25	3.50	84.0	15.472	460//380-415/660-690	2;7
3	2.2	3600//3000	90S/L	.00236ET3EAL90L-W22	\$756	T1	50	1.25	3.85	86.5	12.953	230/460//190/380	2;7
		3600//3000	90S/L	.00236ET3WAL90L-W22	\$756	T1	49	1.25	3.85	86.5	12.953	460//220-240/380-415	2;7
		1800//1500	100L	.00218ET3EAL100L-W22	\$630	T1	66	1.25	4.11	89.5	14.803	230/460//190/380	2;7
		1800//1500	100L	.00218ET3WAL100L-W22	\$630	T1	66	1.25	4.11	89.5	14.803	460//220-240/380-415	2;7
		1200//1000	132S	.00212ET3EAL132S-W22	\$1,166	T1	131	1.25	4.41	89.5	19.291	230/460//190/380	2;7
		1200//1000	132S	.00212ET3YAL132S-W22	\$1,166	T1	136	1.25	4.41	89.5	19.291	460//380-415/660-690	2;7
		900//750	132S	.00209ET3YAL132S-W22	\$1,412	T1	145	1.25	4.75	85.5	19.291	460//380-415/660-690	2;7

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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
4	3	3600/3000	100L	00336ET3EAL100L-W22	\$805	T1	65	1.25	5.01	88.5	14.803	230/460//190/380	2,7
		3600/3000	100L	00336ET3WAL100L-W22	\$805	T1	65	1.25	5.01	88.5	14.803	460//220-240/380-415	2,7
		1800/1500	100L	00318ET3EAL100L-W22	\$672	T1	77	1.25	5.33	89.5	14.803	230/460//190/380	2,7
		1800/1500	100L	00318ET3WAL100L-W22	\$672	T1	77	1.25	5.33	89.5	14.803	460//220-240/380-415	2,7
		1200/1000	132M	00312ET3EAL132M-W22	\$1,247	T1	137	1.25	6.01	89.5	19.291	230/460//190/380	2,7
		1200/1000	132M	00312ET3YAL132M-W22	\$1,247	T1	147	1.25	6.01	89.5	19.291	460//380-415/660-690	2,7
		900/750	132M	00309ET3EAL132M-W22	\$1,610	T1	193	1.25	6.29	85.5	19.291	230/460//190/380	2,7
		900/750	132M	00309ET3YAL132M-W22	\$1,610	T1	156	1.25	6.29	85.5	19.291	460//380-415/660-690	2,7
5.5	4	3600/3000	112M	00436ET3EAL112M-W22	\$874	T1	86	1.25	6.67	88.5	15.472	230/460//190/380	2,7
		3600/3000	112M	00436ET3YAL112M-W22	\$874	T1	86	1.25	6.67	88.5	15.472	460//380-415/660-690	2,7
		1800/1500	112M	00418ET3EAL112M-W22	\$679	T1	93	1.25	7.28	89.5	15.472	230/460//190/380	2,7
		1800/1500	112M	00418ET3YAL112M-W22	\$679	T1	93	1.25	7.28	89.5	15.472	460//380-415/660-690	2,7
		1200/1000	132M	00412ET3EAL132M-W22	\$1,254	T1	147	1.25	7.90	89.5	19.291	230/460//190/380	2,7
		1200/1000	132M	00412ET3YAL132M-W22	\$1,254	T1	147	1.25	7.90	89.5	19.291	460//380-415/660-690	2,7
		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	3600/3000	132S	00536ET3EAL132S-W22	\$1,144	T1	136	1.25	8.97	89.5	19.291	230/460//190/380	2,7
		3600/3000	132S	00536ET3YAL132S-W22	\$1,144	T1	136	1.25	8.97	89.5	19.291	460//380-415/660-690	2,7
		1800/1500	132S	00518ET3EAL132S-W22	\$932	T1	142	1.25	9.07	91.7	19.291	230/460//190/380	2,7
		1800/1500	132S	00518ET3YAL132S-W22	\$932	T1	142	1.25	9.07	91.7	19.291	460//380-415/660-690	2,7
		1800/1500	132S	00518ET3Y132S-W22	\$953	T1	161	1.25	9.07	91.7	19.291	460//380-415	7
		1200/1000	132M/L	00512ET3Y132M/L-W22	\$1,760	T1	206	1.25	10.8	91.0	20.276	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	3600/3000	132S	00736ET3EAL132S-W22	\$1,292	T1	148	1.25	12.3	90.2	19.291	230/460//190/380	2,7
		3600/3000	132S	00736ET3YAL132S-W22	\$1,292	T1	147	1.25	12.3	90.2	19.291	460//380-415/660-690	2,7
		1800/1500	132M	00718ET3EAL132M-W22	\$1,110	T1	159	1.25	12.2	91.7	19.291	230/460//190/380	2,7
		1800/1500	132M	00718ET3YAL132M-W22	\$1,110	T1	159	1.25	12.2	91.7	19.291	460//380-415/660-690	2,7
		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	25.0	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
30	22	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
		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

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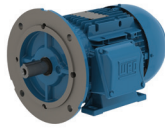
GENERAL PURPOSE MOTORS

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
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	95.0	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
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
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;43
		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;51
		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
		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

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TEFC – (FF) B35(F2) D-Flange Style with Feet

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	2;7
		3600//3000	71	.5536EP3EAL71FF-W22	\$366	T1	23	1.15	1.14	76.0	9.764	230/460//380-415	2;7
0.75	0.55	1800//1500	80	.5518EP3EAL80FF-W22	\$383	T1	28	1.15	1.25	77.0	10.866	230/460//380-415	2;7
		1800//1500	90S/L	.7518ET3EAL90S/LFF-W	\$479	T1	42	1.25	1.47	85.5	12.953	230/460//380-415	2;7
1	0.75	1800//1500	90S/L	.7518ET3WAL90S/LFF-W	\$479	T1	43	1.25	1.47	85.5	12.953	460//220-240/380-415	2;7
		1800//1500	90S/L	00158ET3EAL90LFF-W22	\$583	T1	49	1.25	2.79	86.5	12.953	208-230/460//380-415	2;7
2	1.5	1800//1500	90L	00158ET3WAL90LFF-W22	\$583	T1	51	1.25	2.79	86.5	12.953	460//220-240/380-415	
		1200//1000	100L	00152ET3WAL100LFF-W2	\$882	T1	76	1.25	3.04	88.5	14.803	460//220-240/380-415	2;7
		3600//3000	90L	00236ET3WAL90LFF-W22	\$815	T1	46	1.25	3.85	86.5	12.953	460//220-240/380-415	
3	2.2	1800//1500	100L	00218ET3EAL100LFF-W2	\$700	T1	66	1.25	4.11	89.5	14.803	230/460//380-415	2;7
		1800//1500	100L	00218ET3WAL100LFF-W2	\$700	T1	68	1.25	4.05	87.5	14.803	460//220-240/380-415	
		1800//1500	100L	00318ET3WAL100LFF-W2	\$742	T1	77	1.25	5.33	89.5	14.803	460//220-240/380-415	2;7
5.5	4	3600//3000	112M	00436ET3YAL112MFF-W2	\$944	T1	86	1.25	6.67	88.5	15.472	460//380-415	2;7
		1800//1500	112M	00418ET3YAL112MFF-W2	\$749	T1	93	1.25	7.28	89.5	15.472	460//380-415	2;7
		1200//1000	132M	00412ET3YAL132MFF-W2	\$1,333	T1	147	1.25	7.90	89.5	19.291	460//380-415	2;7
7.5	5.5	3600//3000	132S	00536ET3YAL132SFF-W2	\$1,223	T1	135	1.25	8.97	89.5	19.291	460//380-415	39
		1800//1500	132S	00518ET3YAL132SFF-W2	\$1,011	T1	142	1.25	9.07	91.7	19.291	460//380-415	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	2;7
		1800//1500	132M	00718ET3YAL132MFF-W2	\$1,189	T1	159	1.25	12.2	91.7	19.291	460//380-415	2;7
15	11	3600//3000	160M	01136ET3Y160MFF-W22	\$2,219	T1	304	1.25	17.9	91.7	23.543	460//380-415	7
		1800//1500	160M	01118ET3Y160MFF-W22	\$1,843	T1	304	1.25	18.2	92.4	23.543	460//380-415	7
20	15	1800//1500	160L	01518ET3Y160LFF-W22	\$2,235	T1	358	1.25	25.0	93.0	25.276	460//380-415	7
30	22	1800//1500	180L	02218ET3Y180LFF-W22	\$3,361	T1	501	1.25	36.0	93.6	27.638	460//380-415 V	7
50	37	3600//3000	200L	03736ET3Y200LFF-W22	\$5,789	T1	595	1.25	61.3	93.6	30.197	460//380-415 V	7;51
		1800//1500	225S/M	03718ET3Y225S/MFF-W22	\$7,774	T1	1058	1.25	58.5	94.5	34.882	460//380-415 V	7

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ATEX Motors

INCREASED SAFETY

TEFC - Ex ec

Ex ec motors do not require certification by any third party entity (a manufacturer's compliance declaration is sufficient). Nevertheless the Ex ec motors manufactured by WEG are certified by Ex NB BASEEFA.



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 160 and up)
- Gasketed conduit box
- Zone 2 & 22, Groups IIA, IIB and IIC
- Temperature Class T3
- Suitable for WYE/Delta Start
- Design N
- Conductive plastic fan (frames 63 up to 315)
- Aluminum fan (frame 355)
- Thermistor 2 per phase





TEFC – Ex ec

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
0.25	0.18	3000//3600	63	E0.1836EP3WAX63F3-W2	\$364	XN	22	1.00	0.51	63.6	8.504	220-240/380-415//440-460	1;8;27
		1500//1800	63	E0.1818EP3WAX63F3-W2	\$365	XN	20	1.00	0.57	64.7	8.504	220-240/380-415//440-460	1;8;27
		1000//1200	71	E0.1812EP3WAX71F3-W2	\$476	XN	29	1.00	0.74	58.6	9.843	220-240/380-415//440-460	1;8;27
0.33	0.25	3000//3600	63	E0.2536EP3WAX63F3-W2	\$373	XN	23	1.00	0.71	64.8	8.504	220-240/380-415//440-460	1;8;27
		1500//1800	71	E0.2518EP3WAX71F3-W2	\$415	XN	27	1.00	0.74	68.5	9.843	220-240/380-415//440-460	1;8;27
		1000//1200	71	E0.2512EP3WAX71F3-W2	\$483	XN	32	1.00	1.05	61.6	9.843	220-240/380-415//440-460	1;8;27
0.5	0.37	3000//3600	71	E0.3736EP3WAX71F3-W2	\$408	XN	24	1.00	0.88	71.2	9.843	220-240/380-415//440-460	1;8;27
		1500//1800	71	E0.3718EP3WAX71F3-W2	\$427	XN	28	1.00	1.03	72.7	9.843	220-240/380-415//440-460	1;8;27
		1000//1200	80	E0.3712EP3WAX80F3-W2	\$507	XN	33	1.00	1.10	67.6	10.906	220-240/380-415//440-460	1;8;27
0.75	0.55	3000//3600	71	E0.5536EP3WAX71F3-W2	\$415	XN	29	1.00	1.20	74.1	9.843	220-240/380-415//440-460	1;8;27
		1500//1800	80	E0.5518EP3WAX80F3-W2	\$488	XN	38	1.00	1.36	77.1	10.906	220-240/380-415//440-460	1;8;27
		1000//1200	80	E0.5512EP3WAX80F3-W2	\$523	XN	36	1.00	1.45	73.1	10.906	220-240/380-415//440-460	1;8;27
1	0.75	3000//3600	80	E0.7536EP3WAX80F3-W2	\$499	XN	37	1.00	1.56	79.5	10.906	220-240/380-415//440-460	1;8;27
		3000//3600	80	E0.7536ET3WAX80F3-W2	\$659	XN	27	1.00	1.63	81.1	10.906	220-240/380-415//440-460	1;8;27
		1500//1800	80	E0.7518EP3WAX80F3-W2	\$507	XN	39	1.00	1.61	80.1	10.906	220-240/380-415//440-460	1;8;27
		1500//1800	80	E0.7518ET3WAX80F3-W2	\$670	XN	39	1.00	1.60	82.8	10.906	220-240/380-415//440-460	1;8;27
		1000//1200	90S	E0.7512EP3WAX90SF3-W	\$660	XN	48	1.00	1.92	76.4	11.969	220-240/380-415//440-460	1;8;27
		1000//1200	L90S	E0.7512ET3WAXL90SF3W	\$872	XN	51	1.00	1.91	79.1	13.169	220-240/380-415//440-460	1;8;27
1.5	1.1	3000//3600	80	E00136EP3WAX80F3-W22	\$538	XN	41	1.00	2.33	80.2	10.906	220-240/380-415//440-460	1;8;27
		3000//3600	80	E00136ET3WAX80F3-W22	\$711	XN	35	1.00	2.32	83.4	10.906	220-240/380-415//440-460	1;8;27
		1500//1800	90S	E00118EP3WAX90SF3-W2	\$578	XN	53	1.00	2.36	82.1	11.969	220-240/380-415//440-460	1;8;27
		1500//1800	90S	E00118ET3WAX90SF3-W2	\$763	XN	51	1.00	2.34	84.8	11.969	220-240/380-415//440-460	1;8;27
		1000//1200	90L	E00112EP3WAX90LF3-W2	\$700	XN	58	1.00	2.80	78.1	12.953	220-240/380-415//440-460	1;8;27
		1000//1200	100L	E00112ET3WAX100LF3-W	\$924	XN	126	1.00	2.68	81.5	14.803	220-240/380-415//440-460	1;8;27
2	1.5	3000//3600	90S	E00156EP3WAX90SF3-W2	\$614	XN	45	1.00	3.08	82.5	11.969	220-240/380-415//440-460	1;8;27
		3000//3600	90S	E00156ET3WAX90SF3-W2	\$811	XN	50	1.00	3.06	85.2	11.969	220-240/380-415//440-460	1;8;27
		1500//1800	90L	E00158EP3WAX90LF3-W2	\$673	XN	56	1.00	3.22	83.1	12.953	220-240/380-415//440-460	1;8;27
		1500//1800	90L	E00158ET3WAX90LF3-W2	\$889	XN	59	1.00	3.15	86.1	12.953	220-240/380-415//440-460	1;8;27
		1000//1200	100L	E00152EP3WAX100LF3-W	\$872	XN	73	1.00	3.71	80.3	14.803	220-240/380-415//440-460	1;8;27
		1000//1200	100L	E00152ET3WAX100LF3-W	\$1,152	XN	98	1.00	3.71	82.8	14.803	220-240/380-415//440-460	1;8;27,51
3	2.2	3000//3600	90L	E00236EP3WAX90LF3-W2	\$700	XN	63	1.00	4.56	83.9	12.953	220-240/380-415//440-460	1;8;27
		3000//3600	90L	E00236ET3WAX90LF3-W2	\$924	XN	56	1.00	4.37	86.5	12.953	220-240/380-415//440-460	1;8;27
		1500//1800	100L	E00218EP3WAX100LF3-W	\$845	XN	85	1.00	4.56	84.9	14.803	220-240/380-415//440-460	1;8;27
		1500//1800	100L	E00218ET3WAX100LF3-W	\$1,116	XN	77	1.00	4.50	87.2	16.299	220-240/380-415//440-460	1;8;27
		1000//1200	112M	E00212EP3YAX112MF3-W	\$1,181	XN	87	1.00	5.34	83.0	15.512	380-415/660-690//440-460	1;8;27
		1000//1200	112M	E00212ET3YAX112MF3-W	\$1,561	XN	110	1.00	5.16	84.7	15.512	380-415/660-690//440-460	1;8;27
4	3	3000//3600	100L	E00336EP3WAX100LF3-W	\$916	XN	89	1.00	5.85	85.0	14.803	220-240/380-415//440-460	1;8;27
		3000//3600	100L	E00336ET3WAX100LF3-W	\$1,210	XN	80	1.00	5.68	87.4	14.803	220-240/380-415//440-460	1;8;27
		1500//1800	100L	E00318EP3WAX100LF3-W	\$1,016	XN	86	1.00	6.07	86.0	14.803	220-240/380-415//440-460	1;8;27
		1500//1800	L100L	E00318ET3WAXL100LF3W	\$1,342	XN	86	1.00	6.07	88.1	16.457	220-240/380-415//440-460	1;8;27
		1000//1200	132S	E00312EP3YAX132SF3-W	\$1,684	XN	140	1.00	7.34	83.6	17.795	380-415/660-690//440-460	1;8;27
		1000//1200	132S	E00312ET3YAX132SF3-W	\$2,225	XN	147	1.00	6.84	86.0	17.795	380-415/660-690//440-460	1;8;27
5.5	4	3000//3600	112M	E00436EP3YAX112MF3-W	\$1,174	XN	87	1.00	7.50	86.3	15.512	380-415/660-690//440-460	1;8;27
		3000//3600	112M	E00436ET3YAX112MF3-W	\$1,552	XN	94	1.00	7.49	88.4	15.512	380-415/660-690//440-460	1;8;27
		1500//1800	112M	E00418EP3YAX112MF3-W	\$1,388	XN	96	1.00	8.20	87.0	15.512	380-415/660-690//440-460	1;8;27
		1500//1800	112M	E00418ET3YAX112MF3-W	\$1,712	XN	100	1.00	8.09	89.3	15.512	380-415/660-690//440-460	1;8;27
		1000//1200	132M	E00412EP3YAX132MF3-W	\$1,910	XN	155	1.00	9.50	84.9	19.252	380-415/660-690//440-460	1;8;27
		1000//1200	132M	E00412ET3YAX132MF3-W	\$2,524	XN	158	1.00	9.03	86.8	19.252	380-415/660-690//440-460	1;8;27

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A-253

INCREASED SAFETY

TEFC – Ex ec - 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	3000//3600	132S	E00536EP3YAX132SF3-W	\$1,613	XN	137	1.00	10.5	88.0	17.795	380-415/660-690//440-460	1;8;27
		3000//3600	132S	E00536ET3YAX132SF3-W	\$2,132	XN	145	1.00	10.6	89.2	17.795	380-415/660-690//440-460	1;8;27
		1500//1800	132S	E00518EP3YAX132SF3-W	\$1,798	XN	162	1.00	10.4	87.7	17.795	380-415/660-690//440-460	1;8;27
		1500//1800	132S	E00518ET3YAX132SF3-W	\$2,218	XN	150	1.00	10.1	89.8	17.795	380-415/660-690//440-460	1;8;27
		1000//1200	132M	E00512EP3YAX132MF3-W	\$2,312	XN	164	1.00	12.9	86.2	19.252	380-415/660-690//440-460	1;8;27
		1000//1200	132M/L	E00512ET3YAX132MLF3W	\$3,052	XN	207	1.00	12.6	88.0	20.276	380-415/660-690//440-460	1;8;27
10	7.5	3000//3600	132S	E00736EP3YAX132SF3-W	\$1,833	XN	144	1.00	13.8	88.7	17.795	380-415/660-690//440-460	1;8;27
		3000//3600	132S	E00736ET3YAX132SF3-W	\$2,422	XN	158	1.00	13.9	90.3	17.795	380-415/660-690//440-460	1;8;27
		1500//1800	132M	E00718EP3YAX132MF3-W	\$2,135	XN	164	1.00	13.9	89.4	19.252	380-415/660-690//440-460	1;8;27
		1500//1800	132M	E00718ET3YAX132MF3-W	\$2,634	XN	167	1.00	13.9	90.4	19.252	380-415/660-690//440-460	1;8;27
		1000//1200	160M	E00712EP3YAX160MF3-W	\$3,221	XN	286	1.00	14.7	88.5	23.543	380-415/660-690//440-460	1;8;27
		1000//1200	160M	E00712ET3YAX160MF3-W	\$4,256	XN	298	1.00	14.6	89.1	23.543	380-415/660-690//440-460	1;8;27
15	11	3000//3600	160M	E01136EP3YAX160MF3-W	\$3,150	XN	266	1.00	20.1	90.6	23.543	380-415/660-690//440-460	1;8;27
		3000//3600	160M	E01136ET3YAX160MF3-W	\$4,163	XN	291	1.00	19.7	91.4	23.543	380-415/660-690//440-460	1;8;27
		1500//1800	160M	E01118EP3YAX160MF3-W	\$3,331	XN	269	1.00	20.9	90.3	23.543	380-415/660-690//440-460	1;8;27
		1500//1800	160M	E01118ET3YAX160MF3-W	\$4,108	XN	287	1.00	20.6	91.5	23.543	380-415/660-690//440-460	1;8;27
		1000//1200	160L	E01112EP3YAX160LF3-W	\$4,243	XN	337	1.00	21.7	89.3	25.276	380-415/660-690//440-460	1;8;27
		1000//1200	160L	E01112ET3YAX160LF3-W	\$5,607	XN	347	1.00	21.7	90.3	25.276	380-415/660-690//440-460	1;8;27
20	15	3000//3600	160M	E01536EP3YAX160MF3-W	\$3,398	XN	284	1.00	27.2	91.4	23.543	380-415/660-690//440-460	1;8;27
		3000//3600	160M	E01536ET3YAX160MF3-W	\$4,490	XN	302	1.00	27.7	91.9	23.543	380-415/660-690//440-460	1;8;27
		1500//1800	160L	E01518EP3YAX160LF3-W	\$3,622	XN	313	1.00	28.2	91.2	25.276	380-415/660-690//440-460	1;8;27
		1500//1800	160L	E01518ET3YAX160LF3-W	\$4,696	XN	335	1.00	28.0	92.1	25.276	380-415/660-690//440-460	1;8;27
		1000//1200	180L	E01512EP3YAX180LF3-W	\$5,388	XN	411	1.00	27.1	90.6	27.638	380-415/660-690//440-460	1;8;27
		1000//1200	180L	E01512ET3YAX180LF3-W	\$7,119	XN	435	1.00	27.3	91.2	27.638	380-415/660-690//440-460	1;8;27
25	18.5	3000//3600	160L	E01836EP3YAX160LF3-W	\$3,960	XN	356	1.00	33.2	92.2	25.276	380-415/660-690//440-460	1;8;27
		3000//3600	160L	E01836ET3YAX160LF3-W	\$5,233	XN	335	1.00	33.6	92.4	25.276	380-415/660-690//440-460	1;8;27
		1500//1800	180M	E01818EP3YAX180MF3-W	\$5,439	XN	389	1.00	34.7	91.7	26.142	380-415/660-690//440-460	1;8;27
		1500//1800	180M	E01818ET3YAX180MF3-W	\$6,708	XN	397	1.00	34.7	92.6	26.142	380-415/660-690//440-460	1;8;27
		1000//1200	200L	E01812EP3YAX200LF3-W	\$7,499	XN	502	1.00	35.2	91.3	30.197	380-415/660-690//440-460	1;8;27
		1000//1200	200L	E01812ET3YAX200LF3-W	\$9,910	XN	504	1.00	36.0	91.7	30.197	380-415/660-690//440-460	1;8;27
30	22	3000//3600	180M	E02236EP3YAX180MF3-W	\$5,140	XN	389	1.00	38.1	92.4	26.142	380-415/660-690//440-460	1;8;27
		3000//3600	180M	E02236ET3YAX180MF3-W	\$6,792	XN	402	1.00	39.3	92.7	26.142	380-415/660-690//440-460	1;8;27
		1500//1800	180L	E02218EP3YAX180LF3-W	\$5,934	XN	446	1.00	39.9	92.4	27.638	380-415/660-690//440-460	1;8;27
		1500//1800	180L	E02218ET3YAX180LF3-W	\$7,319	XN	435	1.00	40.6	93.0	27.638	380-415/660-690//440-460	1;8;27
		1000//1200	200L	E02212EP3YAX200LF3-W	\$7,956	XN	526	1.00	41.8	91.6	30.197	380-415/660-690//440-460	1;8;27
		1000//1200	200L	E02212ET3YAX200LF3-W	\$10,539	XN	526	1.00	42.0	92.2	30.197	380-415/660-690//440-460	1;8;27
40	30	3000//3600	200L	E03036EP3YAX200LF3-W	\$7,515	XN	539	1.00	52.2	93.0	30.197	380-415/660-690//440-460	1;8;27
		3000//3600	200L	E03036ET3YAX200LF3-W	\$9,931	XN	548	1.00	54.6	93.3	30.197	380-415/660-690//440-460	1;8;27
		1500//1800	200L	E03018EP3YAX200LF3-W	\$7,716	XN	520	1.00	56.9	92.9	30.197	380-415/660-690//440-460	1;8;27
		1500//1800	200L	E03018ET3YAX200LF3-W	\$10,004	XN	533	1.00	56.4	93.6	30.197	380-415/660-690//440-460	1;8;27
		1000//1200	225S/M	E03012EP3YAX225SMF3W	\$12,034	XN	906	1.00	54.9	92.7	34.882	380-415/660-690//440-460	1;8;27
		1000//1200	225S/M	E03012ET3YAX225SMF3W	\$15,902	XN	952	1.00	54.7	93.0	34.882	380-415/660-690//440-460	1;8;27
50	37	3000//3600	200L	E03736EP3YAX200LF3-W	\$7,987	XN	592	1.00	64.0	93.5	30.197	380-415/660-690//440-460	1;8;27
		3000//3600	200L	E03736ET3YAX200LF3-W	\$10,554	XN	581	1.00	67.0	93.7	30.197	380-415/660-690//440-460	1;8;27
		1500//1800	225S/M	E03718EP3YAX225SMF3W	\$10,284	XN	868	1.00	64.9	93.3	34.882	380-415/660-690//440-460	1;8;27
		1500//1800	225S/M	E03718ET3YAX225SMF3W	\$13,553	XN	920	1.00	66.0	93.9	34.882	380-415/660-690//440-460	1;8;27
		1000//1200	250S/M	E03712EP3YAX250SMF3W	\$13,422	XN	1086	1.00	65.0	93.2	37.992	380-415/660-690//440-460	1;8;27
		1000//1200	250S/M	E03712ET3YAX250SMF3W	\$17,736	XN	1068	1.00	65.5	93.5	37.992	380-415/660-690//440-460	1;8;27

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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 – Ex ec - 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
60	45	3000//3600	225S/M	E04536EP3YAX225SMF3W	\$12,588	XN	899	1.00	75.8	93.8	33.701	380-415/660-690//440-460	1;8;27
		3000//3600	225S/M	E04536ET3YAX225SMF3W	\$16,634	XN	1011	1.00	75.4	94.3	33.701	380-415/660-690//440-460	1;8;27,51
		1500//1800	225S/M	E04518EP3YAX225SMF3W	\$11,696	XN	914	1.00	81.5	93.7	34.882	380-415/660-690//440-460	1;8;27
		1500//1800	225S/M	E04518ET3YAX225SMF3W	\$15,411	XN	996	1.00	79.0	94.4	34.882	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E04512EP3YAX280SMF3W	\$20,481	XN	1478	1.00	83.7	93.5	42.165	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E04512ET3YAX280SMF3W	\$27,064	XN	1589	1.00	82.2	94.0	42.165	380-415/660-690//440-460	1;8;27
75	55	3000//3600	250S/M	E05536EP3YAX250SMF3W	\$14,893	XN	1031	1.00	92.5	94.0	37.992	380-415/660-690//440-460	1;8;27
		3000//3600	250S/M	E05536ET3YAX250SMF3W	\$19,680	XN	1134	1.00	93.2	94.4	37.992	380-415/660-690//440-460	1;8;27
		1500//1800	250S/M	E05518EP3YAX250SMF3W	\$14,354	XN	1099	1.00	94.6	94.1	37.992	380-415/660-690//440-460	1;8;27
		1500//1800	250S/M	E05518ET3YAX250SMF3W	\$18,916	XN	1091	1.00	97.5	94.6	37.992	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E05512EP3YAX280SMF3W	\$20,781	XN	1551	1.00	99.4	93.9	42.165	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E05512ET3YAX280SMF3W	\$27,355	XN	1644	1.00	100	94.3	42.165	380-415/660-690//440-460	1;8;27
100	75	3000//3600	280S/M	E07536EP3YAX280SMF3W	\$20,430	XN	1553	1.00	127	94.3	42.165	380-415/660-690//440-460	1;8;27
		3000//3600	280S/M	E07536ET3YAX280SMF3W	\$26,996	XN	1677	1.00	126	94.9	42.165	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E07518EP3YAX280SMF3W	\$20,544	XN	1573	1.00	130	94.4	42.165	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E07518ET3YAX280SMF3W	\$27,072	XN	1567	1.00	130	95.2	42.165	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E07512EP3YAX315SMF3W	\$23,092	XN	2010	1.00	137	94.2	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E07512ET3YAX315SMF3W	\$30,515	XN	2183	1.00	137	95.0	50.157	380-415/660-690//440-460	1;8;27
125	90	3000//3600	280S/M	E09036EP3YAX280SMF3W	\$21,712	XN	1604	1.00	152	94.5	42.165	380-415/660-690//440-460	1;8;27
		3000//3600	280S/M	E09036ET3YAX280SMF3W	\$28,691	XN	1744	1.00	149	95.2	42.165	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E09018EP3YAX280SMF3W	\$21,307	XN	1648	1.00	154	94.7	42.165	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E09018ET3YAX280SMF3W	\$28,077	XN	1722	1.00	154	95.4	42.165	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E09012EP3YAX315SMF3W	\$27,076	XN	2133	1.00	159	94.6	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E09012ET3YAX315SMF3W	\$35,779	XN	2337	1.00	162	95.2	50.157	380-415/660-690//440-460	1;8;27
150	110	3000//3600	315S/M	E11036EP3YAX315SMF3W	\$26,144	XN	2091	1.00	183	94.9	48.976	380-415/660-690//440-460	1;8;27
		3000//3600	315S/M	E11036ET3YAX315SMF3W	\$34,547	XN	2139	1.00	184	95.4	48.976	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E11018EP3YAX315SMF3W	\$27,068	XN	2120	1.00	192	95.0	50.157	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E11018ET3YAX315SMF3W	\$35,670	XN	2249	1.00	189	95.5	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E11012EP3YAX315SMF3W	\$34,367	XN	2294	1.00	194	94.9	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E11012ET3YAX315SMF3W	\$45,413	XN	2447	1.00	196	95.1	50.157	380-415/660-690//440-460	1;8;27
175	132	3000//3600	315S/M	E13236EP3YAX315SMF3W	\$29,862	XN	2217	1.00	217	95.2	48.976	380-415/660-690//440-460	1;8;27
		3000//3600	315S/M	E13236ET3YAX315SMF3W	\$39,500	XN	2249	1.00	218	95.6	48.976	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E13218EP3YAX315SMF3W	\$31,689	XN	2265	1.00	224	95.2	50.157	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E13218ET3YAX315SMF3W	\$42,877	XN	2381	1.00	226	95.6	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E13212EP3YAX315SMF3W	\$52,853	XN	2448	1.00	233	95.0	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E13212ET3YAX315SMF3W	\$76,749	XN	2580	1.00	240	95.6	50.157	380-415/660-690//440-460	1;8;27
200	150	3000//3600	315S/M	E15036EP3YAX315SMF3W	\$31,360	XN	2073	1.00	253	94.8	48.976	220-240/380-415//440-460	1;8;27
		3000//3600	315S/M	E15036ET3YAX315SMF3W	\$41,396	XN	2469	1.00	245	95.6	48.976	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E15018EP3YAX315SMF3W	\$33,286	XN	2073	1.00	254	95.4	50.157	220-240/380-415//440-460	1;8;27
		1500//1800	315S/M	E15018ET3YAX315SMF3W	\$43,938	XN	2425	1.00	259	96.0	50.157	380-415/660-690//440-460	1;8;27
		1000//1200	315L	E15012ET3YAX315LF3W2	\$82,712	XN	2800	1.00	269	95.7	54.685	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E15012EP3YAX355MLF3W	\$62,660	XN	2073	1.00	291	95.0	58.346	220-240/380-415//440-460	1;8;27

IEC Motors

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INCREASED SAFETY

TEFC – Ex ec - 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
220	160	3000/3600	315S/M	E16036EP3YAX315SMF3W	\$38,870	XN	2778	1.00	262	95.3	48.976	380-415/660-690//440-460	1;8;27
		3000/3600	315S/M	E16036ET3YAX315SMF3W	\$51,363	XN	2535	1.00	264	95.8	48.976	380-415/660-690//440-460	1;8;27
		1500/1800	315S/M	E16018EP3YAX315SMF3W	\$36,046	XN	2385	1.00	271	95.4	50.157	380-415/660-690//440-460	1;8;27
		1500/1800	315S/M	E16018ET3YAX315SMF3W	\$47,534	XN	2535	1.00	273	95.8	50.157	380-415/660-690//440-460	1;8;27
		1000/1200	315L	E16012EP3YAX315LF3-W	\$60,176	XN	2862	1.00	282	95.2	54.685	380-415/660-690//440-460	1;8;27
		1000/1200	315L	E16012ET3YAX315LF3-W	\$79,990	XN	2866	1.00	287	95.8	54.685	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E16012EP3YAX355MLF3W	\$65,792	XN	3488	1.00	290	96.0	58.346	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E16012ET3YAX355MLF3W	\$86,940	XN	3592	1.00	302	95.8	58.346	380-415/660-690//440-460	1;8;27
270	200	3000/3600	355M/L	E20036EP3YAX355MLF3W	\$66,531	XN	3922	1.00	320	95.6	55.591	380-415/660-690//440-460	1;8;27
		1500/1800	315L	E20018ET3YAX315LF3-W	\$70,770	XN	2800	1.00	333	96.1	54.685	380-415/660-690//440-460	1;8;27
		1500/1800	355M/L	E20018EP3YAX355MLF3W	\$64,081	XN	3380	1.00	346	95.6	58.346	380-415/660-690//440-460	1;8;27
		1500/1800	355M/L	E20018ET3YAX355MLF3W	\$76,925	XN	3580	1.00	344	96.3	58.346	380-415/660-690//440-460	1;8;27
		1000/1200	315L	E20012EP3YAX315LF3-W	\$66,948	XN	3435	1.00	356	95.4	54.685	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E20012EP3YAX355MLF3W	\$74,007	XN	3907	1.00	368	95.7	58.346	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E20012ET3YAX355MLF3W	\$97,795	XN	3857	1.00	367	95.9	58.346	380-415/660-690//440-460	1;8;27
340	250	3000/3600	315L	E25036EP3YAX315LF3-W	\$73,948	XN	3351	1.00	400	95.6	53.268	380-415/660-690//440-460	1;8;27
		3000/3600	355M/L	E25036EP3YAX355MLF3W	\$82,191	XN	4275	1.00	392	96.4	55.591	380-415/660-690//440-460	1;8;27
		1500/1800	315L	E25018EP3YAX315LF3-W	\$62,457	XN	3239	1.00	417	95.9	54.685	380-415/660-690//440-460	1;8;27
		1500/1800	315L	E25018ET3YAX315LF3-W	\$76,550	XN	3307	1.00	424	96.4	54.685	380-415/660-690//440-460	1;8;27
		1500/1800	355M/L	E25018EP3YAX355MLF3W	\$67,456	XN	3525	1.00	432	95.8	58.346	380-415/660-690//440-460	1;8;27
		1500/1800	355M/L	E25018ET3YAX355MLF3W	\$83,195	XN	3702	1.00	424	96.4	58.346	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E25012EP3YAX355MLF3W	\$88,256	XN	4229	1.00	461	95.5	58.346	380-415/660-690//440-460	1;8;27
		1000/1200	355M/L	E25012ET3YAX355MLF3W	\$111,338	XN	4320	1.00	464	96.0	58.346	380-415/660-690//440-460	1;8;27

ATEX Motors

EXPLOSION PROOF

TEFC - Ex db - IE3

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





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

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TEFC – Ex db - IE3 - *continued*

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

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

Catalog Notes

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