

NEMA Premium® Efficiency, Blue Chip XRI® Three Phase, Totally Enclosed

Rigid Base

Applications: General purpose use on compressors, pumps, conveyors, blowers, and other machinery in dirty and dusty environments. Substantial energy savings can be realized when using these high efficiency motors. Guaranteed efficiencies offer an **eXtra** Return on your Investment when using these premium efficiency motors on high cycle or long run time applications.

Features:



- Meets or exceeds NEMA Premium® efficiencies, except where noted
- Blue Chip® quality, cast iron or rolled steel construction (see shaded area for cast iron)
- Shaft slinger
- Class F insulation
- 1.15 Service Factor
- Motors accept C-face kits
- Ball bearings, except where noted
- UL Recognized and CSA Certified
- Three year warranty

Available with Nameplate Modification:

- 1.25 Service Factor through 40 HP
- 50HZ at same HP, 1.0 Service Factor through 40 HP
- 10:1 Variable Torque, 20:1 Constant Torque on VFD at 1.0 Service Factor



HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES	C FACE KIT
1	3600	230/460	56	E2100 *	56T34F15940	10:1	\$525	E9	80.0	2.8/1.4	24	11.31		A665
	1800	230/460	143T	E2101 *	143TTFR15642	10:1	\$435	E9	85.5	3.2/1.6	32	13.75		A642
	1800	230/460	143T	E349	143TTTN6026	20:1	\$458	E9	85.5	3.0/1.5	53	10.43	N,20	A603
	1800	575	143T	E300 *	143TTTN6030	20:1	\$458	E9	85.5	1.2	55	10.43	d,N	A603
	1200	230/460	145T	E2102 *	145TTFR16078	10:1	\$519	E9	82.5	3.8/1.9	42	13.75		A642
	1200	230/460	145T	E350	145TTTN6076	20:1	\$576	E9	80.0	3.4/1.7	56	11.43	N,NP,20	A603
1 1/2	3600	230/460	143T	E2103 *	143TTFR15582	10:1	\$505	E9	84.0	4.0/2.0	37	13.75		A642
	3600	230/460	143T	E351 *	143TTTN6001	20:1	\$573	E9	86.5	4.0/2.0	54	10.43	d,N	A603
	1800	230/460	145T	E2104 *	145TTFR16033	10:1	\$447	E9	86.5	4.8/2.4	34	13.75		A642
	1800	230/460	145T	E352 *	145TTTN6026	20:1	\$497	E9	84.0	4.4/2.2	62	11.43	d,N,NP,20	A603
	1200	230/460	182T	E2105 *	182TTFW16076	10:1	\$664	E9	87.5	5.6/2.8	89	15.96		A666
	1200	230/460	182T	E231	182TTTS6076	20:1	\$737	E9	87.5	4.4/2.2	79	12.71	N,20	A644
2	3600	230/460	145T	E2106 *	145TTFR13002	10:1	\$541	E9	85.5	4.8/2.4	44	13.75		A642
	3600	230/460	145T	E353	145TTTN6001	20:1	\$601	E9	85.5	5.0/2.5	64	11.43	N,20	A603
	1800	230/460	145T	E2107 *	145TTFR16035	10:1	\$491	E9	86.5	5.8/2.9	50	14.25		A642
	1800	230/460	145T	E354 *	145TTTN6027	20:1	\$546	E9	85.5	6.0/3.0	64	11.43	d,N,NP	A603
	1200	230/460	184T	E2108 *	184TTFW16076	10:1	\$785	E9	88.5	7.2/3.6	89	15.97		A666
	1200	230/460	184T	E232	184TTTS6076	20:1	\$911	E9	88.5	6.0/3.0	125	13.71	N,20	A644
3	3600	230/460	182T	E2109 *	182TTFW16001	10:1	\$727	E9	86.5	7.6/3.8	66	13.97		A666
	3600	230/460	182T	E216	182TTTS6001	20:1	\$825	E9	89.5	7.6/3.8	94	12.71	N,20	A644
	1800	230/460	182T	E2110 *	182TTFW16026	10:1	\$648	E9	89.5	7.8/3.9	80	14.97		A666
	1800	230/460	182T	E201	182TTTS6026	20:1	\$740	E9	90.2	8.0/4.0	102	12.71	N	A644
	1200	230/460	213T	E2111 *	213TTFW16076	10:1	\$960	E9	89.5	8.8/4.4	115	19.47		A609
	1200	230/460	213T	E233	213TTFS6076	20:1	\$1,122	E9	89.5	8.8/4.4	173	18.20		A206
5	3600	230/460	184T	E2112 *	184TTFW16001	10:1	\$825	E9	88.5	12.0/6.0	96	16.47		A666
	3600	230/460	184T	E217	184TTFS6001	2:1	\$917	E9	89.5	11.8/5.9	109	15.81		A644
	1800	230/460	184T	E2113 *	184TTFW16026	10:1	\$758	E9	89.5	12.8/6.4	94	15.97		A666
	1800	230/460	184T	E202 *	184TTFS6026	20:1	\$858	E9	90.2	12.4/6.2	117	15.81	d	A644
	1800	575	184T	E304	184TTFS6030	20:1	\$858	E9	90.2	5.0	125	15.81		A644
	1200	230/460	215T	E2114 *	215TTFW16076	10:1	\$1,240	E9	90.2	14.0/7.0	135	20.97		A609
7 1/2	1200	230/460	215T	E234	215TTFS6076	20:1	\$1,378	E9	89.5	13.8/6.9	203	19.70		A206
	3600	230/460	213T	E2115 *	213TTFW16001	10:1	\$997	E9	91.7	17.8/8.9	116	20.97		A609
	3600	230/460	213T	E218 *	213TTTS6001	2:1	\$1,108	E9	90.2	17.8/8.9	185	15.69	N	A206
	1800	230/460	213T	E2116 *	213TTFW16026	10:1	\$935	E9	91.7	21.6/10.8	144	18.70		A667
	1800	230/460	213T	E203	213TTFS6026	20:1	\$1,051	E9	91.7	19.2/9.6	194	18.20		A206
	1800	575	213T	E305 *	213TTFS6030	20:1	\$1,051	E9	91.7	7.7	192	19.70	d	A206
10	1200	230/460	254T	E235 *	254TTFNA6076	20:1	\$1,751	E9	91.0	19.8/9.9	223	23.52		A284
	3600	230/460	215T	E2118 *	215TTFW16001	10:1	\$1,100	E9	91.7	23.6/11.8	137	22.22		A609
	3600	230/460	215T	E219	215TTFS6001	20:1	\$1,293	E9	91.7	23.6/11.8	217	19.70		A206
	1800	230/460	215T	E2119 *	215TTFW16026	10:1	\$1,065	E9	91.7	26.8/13.4	161	19.70		A667
	1800	230/460	215T	E204	215TTFS6026	20:1	\$1,266	E9	91.7	25.0/12.5	213	19.70		A206
	1200	230/460	256T	E236 *	256TTFNA6076	20:1	\$2,139	E9	91.0	26.2/13.1	368	25.27		A284

Blue shaded areas are Cast Iron Frames

★ Stock Model

* Requires nameplate modifications

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPCa and/or NRCa Canadian standards.

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Footnotes:

d Will become build-up item when current stock is gone
N Totally Enclosed, Non-Ventilated

NP Does not meet NEMA Premium efficiency
20 Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower

NEMA Premium® Efficiency, Blue Chip XRI® Three Phase, Totally Enclosed

Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE *	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES	C FACE KIT
15	3600	230/460	254T	E220 ★	254TTFNA6001	2:1	\$1,698	E9	91.7	35.0/17.5	350	23.52		A284
	1800	230/460	254T	E205 ★	254TTFNA6026	20:1	\$1,594	E9	92.4	37.6/18.8	350	23.52		A284
	1800	575	254T	E307 ★	254TTFNA6030	20:1	\$1,594	E9	92.4	15.1	350	23.52		A284
	1200	230/460	284T	E237 ★	284TTFNA6076	20:1	\$2,839	E9	91.7	40.8/20.4	475	26.34		A618
20	3600	230/460	256T	E221 ★	256TTFNA6001	2:1	\$2,104	E9	92.4	46.8/23.4	375	25.27		A284
	1800	230/460	256T	E206 ★	256TTFNA6026	20:1	\$1,986	E9	93.0	48.2/24.1	425	25.27		A284
	1800	575	256T	E308 ★	256TTFNA6030	20:1	\$1,986	E9	93.0	19.3	425	25.27		A284
	1200	230/460	286T	E238 ★	286TTFNA6076	20:1	\$3,459	E9	91.7	53.6/26.8	550	27.84		A618
25	3600	230/460	284TS	E222 ★	284TSTFNA6001	2:1	\$2,592	E9	93.6	56.2/28.1	475	24.97		A618
	1800	230/460	284T	E207 ★	284TTFNA6026	20:1	\$2,365	E9	93.6	62.0/31.0	500	26.34		A618
	1800	575	284T	E309 ★	284TTFNA6030	20:1	\$2,365	E9	93.6	24.8	500	26.34		A618
	1200	230/460	324T	E239 ★	324TTFS6076	20:1	\$4,193	E9	93.0	65.0/32.5	675	28.87		A214
30	3600	230/460	286TS	E223 ★	286TSTFNA6001	2:1	\$3,027	E9	93.6	67.6/33.8	500	26.47		A618
	1800	230/460	286T	E208 ★	286TTFNA6026	20:1	\$2,750	E9	94.1	73.0/36.5	525	27.84		A618
	1800	575	286T	E310 ★	286TTFNA6030	20:1	\$2,750	E9	94.1	29.2	525	27.84		A618
	1200	230/460	326T	E240 ★	326TTFS6076	20:1	\$4,829	E9	93.0	77.0/38.5	725	30.37		A214
40	3600	230/460	324TS	E224 ★	324TSTFS6001	2:1	\$3,992	E9	93.6	94.0/47.0	675	27.37		A214
	1800	230/460	324T	E209 ★	324TTFS6026	20:1	\$3,653	E9	94.1	95.0/47.5	750	30.37		A214
	1800	575	324T	E311 ★	324TTFS6030	20:1	\$3,653	E9	94.1	39.0	750	30.37		A214
	1200	230/460	364T	E241 ★	364TTFS6086	20:1@	\$6,544	E9	93.6	100/50.0	950	31.50	NP	A395
50	3600	230/460	326TS	E225 ★	326TSTFS6001	2:1	\$5,164	E9	93.6	116/58.0	725	28.87		A214
	1800	230/460	326T	E210 ★	326TTFS6026	20:1@	\$4,486	E9	94.5	120/60.0	775	31.87		A214
	1800	575	326T	E312 ★	326TTFS6030	20:1@	\$4,486	E9	94.5	48.0	775	31.87		A214
	1200	230/460	365T	E242 ★	365TTFS6086	20:1@	\$7,516	E9	93.6	123/61.5	1000	32.50	NP	A395
60	3600	230/460	364TS	E226 ★	364TSTFS6001	2:1	\$6,794	E9	94.5	134/67.0	925	29.38		A396
	1800	230/460	364T	E211 ★	364TTFS6036	20:1@	\$6,436	E9	95.0	138/69.0	1000	31.50		A395
	1800	575	364T	E313 ★	364TTFS6040	20:1@	\$6,436	E9	95.0	55.0	1000	31.50		A395
	1200	230/460	404T	E243 ★	404TTFS6086	20:1@	\$8,806	E9	94.5	144/72.0	1200	35.62		A223
75	3600	230/460	365TS	E227 ★	365TSTFS6001	2:1	\$8,531	E9	94.5	168/84.0	1025	30.38		A396
	1800	230/460	365T	E212 ★	365TTFS6036	20:1@	\$8,159	E9	95.4	172/86.0	1100	32.50		A395
	1800	575	365T	E315 ★	365TTFS6040	20:1@	\$8,159	E9	95.4	69.0	1100	32.50		A395
	1200	230/460	405T	E244 ★	405TTFS6086	20:1@	\$10,366	E9	94.5	180/90	1300	37.12		A223
100	3600	230/460	405TS	E228 ★	405TSTFS6001	2:1	\$11,431	E9	95.0	216/108	1250	34.12		A226
	1800	230/460	405T	E213 ★	405TTFS6036	20:1@	\$10,080	E9	95.4	226/113	1375	37.12		A223
	1800	575	405T	E314 ★	405TTFS6040	20:1@	\$10,080	E9	95.4	90.5	1375	37.12		A223
	1200	230/460	444T	E328 ★	444TTFN6086	20:1@	\$15,286	E9	95.0	248/124	2000	41.25		A620
125	3600	460	444TS	E229 ★	444TSTFS6001	2:1	\$14,944	E9	95.4	136	1750	37.50	PW	A226
	1800	460	444T	E214 ★	444TTFS6036	20:1@	\$13,270	E9	95.4	141	1850	41.25	PW	A223
	1200	460	445T	E246 ★	445TTFN6086	20:1@	\$17,402	E9	95.0	155	2050	43.19		A620

Blue shaded areas are Cast Iron Frames

★ Stock Model

* Requires nameplate modifications

@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPCa and/or NRCa Canadian standards.

Footnotes:

NP Does not meet NEMA Premium efficiency
PW Part Winding Start Capability

Continued on next page.

NEMA Premium® Efficiency, Blue Chip XRI® Three Phase, Totally Enclosed

Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE *	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES	C FACE KIT
150	3600	460	445TS	E230	445STFN6001	2:1	\$17,952	E9	95.8	165	2050	39.44		A621
	1800	460	445T	E215 ★	445TTFN6036	20:1@	\$15,428	E9	95.8	172	2050	43.19		A621
	1200	460	445T	E289	445TTFN6087	20:1@	\$19,470	E9	95.8	181	2500	43.19	RB	NA
200	1800	460	445T	E247 ★	445TTFN6038	20:1@	\$18,763	E9	96.2	226	2350	43.19	RB	NA
	1200	460	447/9T	E282	449TTFS6088	20:1@	\$23,834	E9	95.8	240	2900	51.69	H, RB	NA
250	3600	460	447/9TS	E271	449STFS6003	2:1	\$28,641	E9	96.5	274	2700	47.88	H	A624
	1800	460	445T	E287	445TTFN6040	20:1@	\$22,119	E9	95.8	285	2150	43.19	A, RB	NA
	1800	460	447/9T	E276	449TTFS6038	20:1@	\$23,778	E9	96.5	285	2850	51.69	H, RB	NA
	1200	460	L447/9T	E283	449TTFS6087	20:1@	\$27,398	E9	95.8	300	3350	51.69	H, RB	NA
300	3600	460	447/9TS	E272	449STFS6002	2:1	\$37,124	E9	96.2	330	2700	47.88	H	A624
	1800	460	447/9T	E277	449TTFS6037	20:1@	\$26,900	E9	96.5	339	3150	51.69	H, RB	NA
	1200	460	L447/9T	E284	449TTFS6390	N/A	\$36,173	E9	95.8	362	3850	56.71	H, RB	NA
350	3600	460	447/9TS	E273	449STFS6001	2:1	\$42,573	E9	96.2	382	2950	47.88		A624
	1800	460	447/9T	E278	-----	2:1	\$35,102	E9	96.2	395	3400	51.69	H, RB	NA
400	1800	460	447/9T	E291	-----	2:1	\$35,421	E9	95.8	455	3800	56.71	H	A623
450	1800	460	L447/9T	E292	449TTFS6065	N/A	\$36,316	E9	96.5	515	3800	56.71	H	A623

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★ Stock Model

* Requires nameplate modifications

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPCAC and/or NRCAN Canadian standards.

Footnotes:

- A NEMA Design A
- H Class H Insulation
- PW Part Winding Start Capability
- RB Roller Bearing on shaft end for belted loads only