

GENERAL PURPOSE
THREE PHASE, TEFC SEVERE DUTY
ENERGY EFFICIENT - ALL CAST IRON



APPLICATIONS :

Designed for severe duty environments found in the pulp & paper, lumber, aggregates, mining, chemical and other industries.

FEATURES:

- Fully comply with EPACT 92 and NRCan efficiency standards
- Inverter Grade insulation suitable for VFD application
- 10:1 variable torque; 4:1 constant torque on inverter power
- 40°C ambient, continuous duty
- Double shielded bearings of same size on both ends through 280 frame
- Open bearings 320 to 440 Frame
- Double drilled feet to accommodate mounting flexibility
- VPI, Class F insulation system, B rise at full load on sine wave power
- Nema design B performance
- Shaft seal V-ring for IP55 protection
- Class I Div2 T2B
- Lifting provisions
- Field convertible to F-2 mounting
- Suitable for wye-delta start on 210T frame and larger
- Corrosion resistant mill & chemical duty paint
- Stainless steel nameplate and zinc plated hardware
- Dual Voltage nameplated @ 60Hz and 50 Hz
- Full 50 Hz power at rated HP
- DOE Compliance Certification .
- CE mark on nameplate
- CSA 390 Certified
- Field convertible C flange kits available for up to 440 Frame

Note C - meet Design C torque

HP	RPM	Frame	Volts	Catalog #	Model #	Type	List	DS SYM	SF	Full Load EFF	PF	Ship WGT	Notes
1	1800	143T	575	ELT1E2G	EM01	ELT	\$258	3ELT	1.40	82.5	75.0	62	C
	1200	145T	575	ELT1E3G	EM02	ELT	\$350	3ELT	1.40	80.0	73.0	63	
1.5	3600	143T	575	ELT32E1G	EM03	ELT	\$297	3ELT	1.30	82.5	87.0	62	
	1800	145T	575	ELT32E2G	EM04	ELT	\$286	3ELT	1.40	84.0	79.0	65	
	1200	182T	575	ELT32E3G	EM05	ELT	\$389	3ELT	1.40	85.5	72.0	111	C
2	3600	145T	575	ELT2E1G	EM06	ELT	\$353	3ELT	1.40	84.0	87.0	68	
	1800	145T	575	ELT2E2G	EM07	ELT	\$313	3ELT	1.40	84.0	82.0	67	
	1200	184T	575	ELT2E3G	EM08	ELT	\$433	3ELT	1.30	86.5	74.0	125	
3	3600	182T	575	ELT3E1G	EM09	ELT	\$397	3ELT	1.40	85.5	86.0	107	
	1800	182T	575	ELT3E2G	EM10	ELT	\$351	3ELT	1.30	87.5	82.0	118	
	1200	213T	575	ELT3E3G	EM11	ELT	\$536	3ELT	1.30	87.5	76.0	162	
5	3600	184T	575	ELT5E1G	EM12	ELT	\$498	3ELT	1.40	87.5	87.0	133	
	1800	184T	575	ELT5E2G	EM13	ELT	\$408	3ELT	1.30	87.5	86.0	135	
	1200	215T	575	ELT5E3G	EM14	ELT	\$768	3ELT	1.30	87.5	82.0	183	
7.5	3600	213T	575	ELT7E1G	EM15	ELT	\$617	3ELT	1.30	88.5	92.0	173	
	1800	213T	575	ELT7E2G	EM16	ELT	\$558	3ELT	1.30	89.5	87.0	181	
	1200	254T	575	ELT7E3G	EM17	ELT	\$1,024	3ELT	1.30	89.5	86.0	337	C
10	3600	215T	575	ELT10E1G	EM18	ELT	\$723	3ELT	1.30	89.5	92.0	196	
	1800	215T	575	ELT10E2G	EM19	ELT	\$674	3ELT	1.30	89.5	88.0	200	
	1200	256T	575	ELT10E3G	EM20	ELT	\$1,237	3ELT	1.20	89.5	85.0	350	C
15	3600	254T	575	ELT15E1G	EM21	ELT	\$993	3ELT	1.30	90.2	86.0	337	
	1800	254T	575	ELT15E2G	EM22	ELT	\$893	3ELT	1.30	91.0	90.0	346	
	1200	284T	575	ELT15E3G	EM23	ELT	\$1,655	3ELT	1.20	90.2	86.0	433	C
20	3600	256T	575	ELT20E1G	EM24	ELT	\$1,230	3ELT	1.30	90.2	87.0	385	
	1800	256T	575	ELT20E2G	EM25	ELT	\$1,101	3ELT	1.20	91.0	91.0	412	C
	1200	286T	575	ELT20E3G	EM26	ELT	\$2,005	3ELT	1.20	90.2	86.0	450	C
25	3600	284TS	575	ELT25E1GS	EM27	ELT	\$1,509	3ELT	1.15	91.0	87.0	417	
	1800	284T	575	ELT25E2G	EM28	ELT	\$1,321	3ELT	1.15	92.4	91.0	439	C
	1200	324T	575	ELT25E3G	ET31	ELT	\$2,386	3ELT	1.15	91.7	81.0	573	
30	3600	286TS	575	ELT30E1GS	EM29	ELT	\$1,769	3ELT	1.15	91.0	88.0	470	
	1800	286T	575	ELT30E2G	EM30	ELT	\$1,541	3ELT	1.15	92.4	92.0	477	C
	1200	326T	575	ELT30E3G	ET32	ELT	\$2,815	3ELT	1.15	91.7	78.0	612	
40	3600	324TS	575	ELT40E2GS	ET33	ELT	\$2,286	3ELT	1.15	91.7	88.0	576	
	1800	324T	575	ELT40E2GS	ET34	ELT	\$2,012	3ELT	1.15	93.0	82.0	612	
	1200	364T	575	ELT40E3G	ET35	ELT	\$3,781	3ELT	1.15	93.0	78.0	742	
50	3600	326TS	575	ELT50E1GS	ET36	ELT	\$2,941	3ELT	1.15	92.4	88.0	636	
	1800	326T	575	ELT50E2G	ET37	ELT	\$2,470	3ELT	1.15	93.0	82.0	636	
	1200	365T	575	ELT50E3G	ET38	ELT	\$4,368	3ELT	1.15	93.0	76.0	770	
60	3600	364TS	575	ELT60E1GS	ET39	ELT	\$3,926	3ELT	1.15	93.0	86.0	748	
	1800	364T	575	ELT60E2G	ET40	ELT	\$3,591	3ELT	1.15	94.1	85.0	779	
	1200	404T	575	ELT60E3G	ET41	ELT	\$5,146	3ELT	1.15	93.6	80.0	973	
75	3600	365TS	575	ELT75E1GS	ET42	ELT	\$4,933	3ELT	1.15	93.0	87.0	792	
	1800	365T	575	ELT75E2G	ET43	ELT	\$4,568	3ELT	1.15	94.1	85.0	823	
	1200	405T	575	ELT75E3G	ET44	ELT	\$6,067	3ELT	1.15	93.6	81.0	1019	
100	3600	405TS	575	ELT100E1GS	ET45	ELT	\$6,607	3ELT	1.15	93.6	86.0	1002	
	1800	405T	575	ELT100E2G	ET46	ELT	\$5,629	3ELT	1.15	94.5	82.0	1062	
	1200	444T	575	ELT100E3G	ET47	ELT	\$8,307	3ELT	1.15	94.1	82.0	1716	
125	3600	444TS	575	ELT125E1GS	ET48	ELT	\$8,755	3ELT	1.15	94.5	85.0	1531	
	1800	444T	575	ELT125E2G	ET49	ELT	\$7,462	3ELT	1.15	94.5	85.0	1661	
	1200	445T	575	ELT125E3G	ET50	ELT	\$10,119	3ELT	1.15	94.1	83.0	1813	
150	3600	445TS	575	ELT150E1GS	ET51	ELT	\$10,605	3ELT	1.15	94.5	86.0	1584	
	1800	445T	575	ELT150E2G	ET52	ELT	\$8,718	3ELT	1.15	95.0	85.0	1762	
	1200	447T	575	ELT150E3G	ET53	ELT	\$11,440	3ELT	1.15	95.0	82.0	2163	
200	3600	447TS	575	ELT200E1GS	ET54	ELT	\$13,430	3ELT	1.15	95.0	88.0	2026	
	1800	447T	575	ELT200E2G	ET55	ELT	\$10,644	3ELT	1.15	95.0	85.0	2211	
250	3600	449TS	575	ELT250E1GS	ET56	ELT	\$20,264	3ELT	1.15	95.4	88.0	2284	
	1800	449T	575	ELT250E2G	ET57	ELT	\$15,668	3ELT	1.15	95.0	88.0	2464	