

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 to meet NEMA MG-1 Part 31 Specification on 140 to 280 frames
- Inverter Grade insulation to meet NEMA MG-1 Part 30 Specification on 320 to 440 frames
- 10:1 variable torque; 4:1 constant torque on inverter power
- 40°C ambient, continuous duty
- Double shielded bearings through 280 frame
- Open bearings 320 to 440 frame
- Double drilled feet to accommodate mounting flexibility
- Vacuum Pressure Impregnation (VPI) Insulation
- Nema design B performance
- Shaft seal V-ring
- Lifting provisions
- Field convertible to F-2 mounting
- 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 - CC030A/CC050A
- CE mark on nameplate
- CSA 390 Certified
- Field convertible C flange kits available for up to 280 frame
- UL Component Recognized through 280 frame, above 280 pending

HP	RPM	Frame	Volts	Catalog		Type	List	DS		Full Load		Ship		Notes
				#	Model #			SYM	SF	EFF	PF	WGT		
1	1800	143T	208-230/460	ELT1E2D	EL01	ELT	\$258	3ELT	1.40	82.5	75.0	62	C	
1	1200	145T	208-230/460	ELT1E3D	EL02	ELT	\$350	3ELT	1.40	80.0	73.0	63		
1.5	3600	143T	208-230/460	ELT32E1D	EL03	ELT	\$297	3ELT	1.30	82.5	87.0	62		
1.5	1800	145T	208-230/460	ELT32E2D	EL04	ELT	\$286	3ELT	1.40	84.0	79.0	65		
1.5	1200	182T	208-230/460	ELT32E3D	EL05	ELT	\$389	3ELT	1.40	85.5	72.0	111	C	
2	3600	145T	208-230/460	ELT2E1D	EL06	ELT	\$353	3ELT	1.40	84.0	87.0	68		
2	1800	145T	208-230/460	ELT2E2D	EL07	ELT	\$313	3ELT	1.40	84.0	82.0	67		
2	1200	184T	208-230/460	ELT2E3D	EL08	ELT	\$433	3ELT	1.30	86.5	74.0	125		
3	3600	182T	208-230/460	ELT3E1D	EL09	ELT	\$397	3ELT	1.40	85.5	86.0	107		
3	1800	182T	208-230/460	ELT3E2D	EL10	ELT	\$351	3ELT	1.30	87.5	82.0	118		
3	1200	213T	208-230/460	ELT3E3D	EL11	ELT	\$536	3ELT	1.30	87.5	76.0	162		
5	3600	184T	208-230/460	ELT5E1D	EL12	ELT	\$498	3ELT	1.40	87.5	87.0	133		
5	1800	184T	208-230/460	ELT5E2D	EL13	ELT	\$408	3ELT	1.30	87.5	86.0	135		
5	1200	215T	208-230/460	ELT5E3D	EL14	ELT	\$768	3ELT	1.30	87.5	82.0	183		
7.5	3600	213T	208-230/460	ELT7E1D	EL15	ELT	\$617	3ELT	1.30	88.5	92.0	173		
7.5	1800	213T	208-230/460	ELT7E2D	EL16	ELT	\$558	3ELT	1.30	89.5	87.0	181		
7.5	1200	254T	208-230/460	ELT7E3D	EL17	ELT	\$1,024	3ELT	1.30	89.5	86.0	337	C	
10	3600	215T	208-230/460	ELT10E1D	EL18	ELT	\$723	3ELT	1.30	89.5	92.0	196		
10	1800	215T	208-230/460	ELT10E2D	EL19	ELT	\$674	3ELT	1.30	89.5	88.0	200		
10	1200	256T	208-230/460	ELT10E3D	EL20	ELT	\$1,237	3ELT	1.20	89.5	85.0	350	C	
15	3600	254T	208-230/460	ELT15E1D	EL21	ELT	\$993	3ELT	1.30	90.2	86.0	337		
15	1800	254T	208-230/460	ELT15E2D	EL22	ELT	\$893	3ELT	1.30	91.0	90.0	346		
15	1200	284T	208-230/460	ELT15E3D	EL23	ELT	\$1,655	3ELT	1.20	90.2	86.0	433	C	
20	3600	256T	208-230/460	ELT20E1D	EL24	ELT	\$1,230	3ELT	1.30	90.2	87.0	385		
20	1800	256T	208-230/460	ELT20E2D	EL25	ELT	\$1,101	3ELT	1.20	91.0	91.0	412	C	
20	1200	286T	208-230/460	ELT20E3D	EL26	ELT	\$2,005	3ELT	1.20	90.2	86.0	450	C	
25	3600	284TS	208-230/460	ELT25E1DS	EL27	ELT	\$1,509	3ELT	1.15	91.0	87.0	417		
25	1800	284T	208-230/460	ELT25E2D	EL28	ELT	\$1,321	3ELT	1.15	92.4	91.0	439	C	
25	1200	324T	208-230/460	ELT25E3D	ES31	ELT	\$2,386	3ELT	1.15	91.7	81.6	573		
30	3600	286TS	208-230/460	ELT30E1DS	EL29	ELT	\$1,769	3ELT	1.15	91.0	88.0	470		
30	1800	286T	208-230/460	ELT30E2D	EL30	ELT	\$1,541	3ELT	1.15	92.4	92.0	477	C	
30	1200	326T	208-230/460	ELT30E3D	ES32	ELT	\$2,815	3ELT	1.15	91.7	76.0	612		
40	3600	324TS	208-230/460	ELT40E1DS	ES33	ELT	\$2,286	3ELT	1.15	91.7	89.2	576		
40	1800	324T	208-230/460	ELT40E2D	ES34	ELT	\$2,012	3ELT	1.15	93.0	85.9	612		
40	1200	364T	208-230/460	ELT40E3D	ES35	ELT	\$3,791	3ELT	1.15	93.0	85.1	742		
50	3600	326TS	208-230/460	ELT50E1DS	ES36	ELT	\$2,941	3ELT	1.15	92.4	88.5	636		
50	1800	326T	208-230/460	ELT50E2D	ES37	ELT	\$2,470	3ELT	1.15	93.0	86.9	636		
50	1200	365T	208-230/460	ELT50E3D	ES38	ELT	\$4,368	3ELT	1.15	93.0	84.8	770		
60	3600	364TS	208-230/460	ELT60E1DS	ES39	ELT	\$3,926	3ELT	1.15	93.0	76.9	748		
60	1800	364T	208-230/460	ELT60E2D	ES40	ELT	\$3,591	3ELT	1.15	94.1	88.0	779		
60	1200	404T	208-230/460	ELT60E3D	ES41	ELT	\$5,146	3ELT	1.15	93.6	74.6	973		
75	3600	365TS	208-230/460	ELT75E1DS	ES42	ELT	\$4,933	3ELT	1.15	93.0	87.0	792		
75	1800	365T	208-230/460	ELT75E2D	ES43	ELT	\$4,568	3ELT	1.15	94.1	86.9	823		
75	1200	405T	208-230/460	ELT75E3D	ES44	ELT	\$6,067	3ELT	1.15	93.6	81.7	1019		
100	3600	405TS	208-230/460	ELT100E1DS	ES45	ELT	\$6,607	3ELT	1.15	93.6	87.1	1002		
100	1800	405T	208-230/460	ELT100E2D	ES46	ELT	\$5,629	3ELT	1.15	94.5	84.7	1062		
100	1200	444T	208-230/460	ELT100E3D	ES47	ELT	\$8,307	3ELT	1.15	94.1	83.6	1716		
125	3600	444TS	208-230/460	ELT125E1DS	ES48	ELT	\$8,755	3ELT	1.15	94.5	87.0	1531		
125	1800	444T	208-230/460	ELT125E2D	ES49	ELT	\$7,462	3ELT	1.15	94.5	85.0	1661		
125	1200	445T	208-230/460	ELT125E3D	ES50	ELT	\$10,119	3ELT	1.15	94.1	84.0	1813		
150	3600	445TS	460	ELT150E1FS	ES51	ELT	\$10,605	3ELT	1.15	94.5	87.0	1584		
150	1800	445T	460	ELT150E2F	ES52	ELT	\$8,718	3ELT	1.15	95.0	85.0	1762		
150	1200	447T	460	ELT150E3F	ES53	ELT	\$11,440	3ELT	1.15	95.0	93.0	2163		
200	3600	447TS	460	ELT200E1FS	ES54	ELT	\$13,430	3ELT	1.15	95.0	89.0	2026		
200	1800	447T	460	ELT200E2F	ES55	ELT	\$10,644	3ELT	1.15	95.0	85.0	2211		
250	3600	449TS	460	ELT250E1FS	ES56	ELT	\$20,264	3ELT	1.15	95.4	89.0	2284		
250	1800	449T	460	ELT250E2F	ES57	ELT	\$15,668	3ELT	1.15	95.0	88.0	2464		

C-FACE KITS : Kit designed for conversion of standard off-the-shelf motor to accommodate a C-flange moun

Frame	AK Dim	M/N	List	DS SYM	WGT
140	4 1/2	498320	\$50	3ELT	3 40
180	8 1/2	498322	\$50	3ELT	4 40
210	8 1/2	498323	\$60	3ELT	7 40
250	8 1/2	498324	\$90	3ELT	11 40
280	8 1/2	498325	\$120	3ELT	12 40

Note 40 - Non-standard Nema BA dimension