

**GENERAL PURPOSE  
THREE PHASE, TEFC SEVERE DUTY  
ENERGY EFFICIENT - ALL CAST IRON  
C-FACE, FOOTED**



**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
- \* 10:1 variable torque; 5:1 constant torque on inverter power
- \* 40°C ambient, continuous duty
- \* Double shielded bearings of same size on both ends
- \* 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 (1)
- \* Shaft seal V-ring for IP55 protection
- \* 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
- \* UL Component Recognized, File # E233211

HP	RPM	Frame	Volts	Catalog #	Model #	Type	List	DS SYM	SF	Full Load EFF	PF	Ship WGT	Notes
1	1800	143TC	575	ELT1E2GC	EM31	ELT	\$308	3ELT	1.4	82.5	75.0	68	C
	1200	145TC	575	ELT1E3GC	EM32	ELT	\$400	3ELT	1.4	80.0	73.0	69	
1.5	3600	143TC	575	ELT32E1GC	EM33	ELT	\$347	3ELT	1.3	82.5	87.0	68	
1.5	1800	145TC	575	ELT32E2GC	EM34	ELT	\$336	3ELT	1.4	84.0	79.0	71	
1.5	1200	182TC	575	ELT32E3GC	EM35	ELT	\$439	3ELT	1.4	85.5	72.0	117	C
2	3600	145TC	575	ELT2E1GC	EM36	ELT	\$403	3ELT	1.4	84.0	87.0	74	
	1800	145TC	575	ELT2E2GC	EM37	ELT	\$363	3ELT	1.4	84.0	82.0	73	
	1200	184TC	575	ELT2E3GC	EM38	ELT	\$483	3ELT	1.3	86.5	74.0	131	
3	3600	182TC	575	ELT3E1GC	EM39	ELT	\$447	3ELT	1.4	85.5	86.0	113	
	1800	182TC	575	ELT3E2GC	EM40	ELT	\$407	3ELT	1.3	87.5	82.0	124	
	1200	213TC	575	ELT3E3GC	EM41	ELT	\$596	3ELT	1.3	87.5	76.0	179	
5	3600	184TC	575	ELT5E1GC	EM42	ELT	\$548	3ELT	1.4	87.5	87.0	139	
	1800	184TC	575	ELT5E2GC	EM43	ELT	\$458	3ELT	1.3	87.5	86.0	141	
	1200	215TC	575	ELT5E3GC	EM44	ELT	\$828	3ELT	1.3	87.5	82.0	200	C
7.5	3600	213TC	575	ELT7E1GC	EM45	ELT	\$677	3ELT	1.3	88.5	92.0	190	
	1800	213TC	575	ELT7E2GC	EM46	ELT	\$618	3ELT	1.3	89.5	87.0	198	
	1200	254TC	575	ELT7E3GC	EM47	ELT	\$1,114	3ELT	1.3	89.5	86.0	354	C
10	3600	215TC	575	ELT10E1GC	EM48	ELT	\$783	3ELT	1.3	89.5	92.0	213	
	1800	215TC	575	ELT10E2GC	EM49	ELT	\$734	3ELT	1.3	89.5	88.0	217	
	1200	256TC	575	ELT10E3GC	EM50	ELT	\$1,327	3ELT	1.2	89.5	85.0	367	C
15	3600	254TC	575	ELT15E1GC	EM51	ELT	\$1,083	3ELT	1.3	90.2	86.0	354	
	1800	254TC	575	ELT15E2GC	EM52	ELT	\$983	3ELT	1.3	91.0	90.0	363	
	1200	284TC	575	ELT15E3GC	EM53	ELT	\$1,775	3ELT	1.2	90.2	86.0	445	C
20	3600	256TC	575	ELT20E1GC	EM54	ELT	\$1,320	3ELT	1.3	90.2	87.0	402	
	1800	256TC	575	ELT20E2GC	EM55	ELT	\$1,191	3ELT	1.2	91.0	91.0	429	C
	1200	286TC	575	ELT20E3GC	EM56	ELT	\$2,125	3ELT	1.2	90.2	86.0	462	C
25	3600	284TSC	575	ELT25E1GSC	EM57	ELT	\$1,629	3ELT	1.15	91.0	87.0	429	
	1800	284TC	575	ELT25E2GC	EM58	ELT	\$1,441	3ELT	1.15	92.4	91.0	451	C
30	3600	286TSC	575	ELT30E1GSC	EM59	ELT	\$1,889	3ELT	1.15	91.0	88.0	482	
	1800	286TC	575	ELT30E2GC	EM60	ELT	\$1,661	3ELT	1.15	92.4	92.0	489	C

Note C - meet Design C torque