

**GENERAL PURPOSE
THREE PHASE, TEFC CORRO-DUTY
PREMIUM EFFICIENT**



Typical 254T frame

APPLICATIONS:

Designed for pulp & paper, mill & chemical and any other severe duty environment found in the process industries.

FEATURES:

- * Exceeds EPACT '92 and NRCan efficiency standards
- * Double shielded bearings on 140T - 360T frame, open on 400T - 440T frame
- * Oversized conduit boxes - 1 size larger than NEMA
- * Field convertible to F-2 mounting - 180T frame and larger
- * Corrosion resistant mill and chemical duty paint
- * Epoxy varnish on wound stator and rotor core
- * Lifting provisions on 180T frame and larger
- * Condensation drains with plastic plugs
- * Shaft slinger on pulley end for IP 54 protection
- * Precision balanced <.08 in/sec vibration
- * Field Convertible C & D Flange Kits
- * NEMA design B performance except where noted
- * All cast iron construction (steel frame on 140T frame)
- * Cast iron inner bearing caps on 180T frame and larger
- * Regreasable bearings on 180T frame and larger
- * Class F insulation system, class B rise at full load
- * 40°C ambient
- * Dual voltage 230/460 (1 - 20 HP)
- * 1.15 SF @ 60 hertz
- * Stainless steel nameplate and zinc plated hardware
- * Continuous duty
- * CE Mark on nameplate

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	TYPE	LIST \$	DS SYM	SF	FULL LOAD		SHIP WGT	NOTES	
									EFF	PF			
1	1800	143T	230/460	C1P2B	TCE	\$362	3CE	1.15	86.5	78.0	55		
	1800	143T	575	C1P2G	TCE	\$362	3CE	1.15	85.5	78.0	55		
	1200	145T	230/460	C1P3B	TCE	\$449	3CE	1.15	82.5	62.0	75		
	1200	145T	575	C1P3G	TCE	\$449	3CE	1.15	82.5	62.0	75		58
1-1/2	3600	143T	230/460	C32P1B	TCE	\$387	3CE	1.15	84.0	86.5	55		
	1800	145T	230/460	C32P2B	TCE	\$402	3CE	1.15	86.5	77.0	70		
	1800	145T	575	C32P2G	TCE	\$402	3CE	1.15	86.5	77.0	70		
	1200	182T	230/460	C32P3B	TCE	\$507	3CE	1.15	87.5	68.0	100		58
	1200	182T	575	C32P3G	TCE	\$507	3CE	1.15	87.5	68.5	100		58
2	3600	145T	230/460	C2P1B	TCE	\$463	3CE	1.15	86.5	89.0	70		
	1800	145T	230/460	C2P2B	TCE	\$442	3CE	1.15	86.5	78.0	70		
	1800	145T	575	C2P2G	TCE	\$442	3CE	1.15	85.5	78.0	70		
	1200	184T	230/460	C2P3B	TCE	\$566	3CE	1.15	88.5	67.5	110		58
	1200	184T	575	C2P3G	TCE	\$556	3CE	1.15	88.5	67.5	110		58
3	3600	182T	230/460	C3P1B	TCE	\$522	3CE	1.15	88.5	83.0	100		
	1800	182T	230/460	C3P2B	TCE	\$490	3CE	1.15	89.5	81.5	100		58
	1800	182T	575	C3P2G	TCE	\$490	3CE	1.15	89.5	78.5	100		
	1200	213T	230/460	C3P3B	TCE	\$691	3CE	1.15	89.5	69.5	160		
	1200	213T	575	C3P3G	TCE	\$691	3CE	1.15	89.5	68.6	160		
5	3600	184T	230/460	C5P1B	TCE	\$646	3CE	1.15	89.5	87.0	109		
	1800	184T	230/460	C5P2B	TCE	\$573	3CE	1.15	90.2	83.4	109		
	1800	184T	575	C5P2G	TCE	\$573	3CE	1.15	89.5	83.0	109		58
	1200	215T	230/460	C5P3B	TCE	\$973	3CE	1.15	90.2	72.5	160		
	1200	215T	575	C5P3G	TCE	\$973	3CE	1.15	89.5	72.5	160		



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									EFF	PF		
7-1/2	3600	213T	230/460	C7P1B	TCE	\$781	3CE	1.15	91.7	86.5	160	14
	1800	213T	230/460	C7P2B	TCE	\$776	3CE	1.15	91.7	83.0	160	
	1800	213T	575	C7P2G	TCE	\$776	3CE	1.15	91.7	83.0	160	
	1200	254T	230/460	C7P3B	TCE	\$1,293	3CE	1.15	91.7	75.7	300	14
	1200	254T	575	C7P3G	TCE	\$1,293	3CE	1.15	91.7	77.2	300	14
10	3600	215T	230/460	C10P1B	TCE	\$913	3CE	1.15	91.7	87.5	185	
	1800	215T	230/460	C10P2B	TCE	\$935	3CE	1.15	91.7	85.0	200	
	1800	215T	575	C10P2G	TCE	\$935	3CE	1.15	91.0	85.0	200	
	1200	256T	230/460	C10P3B	TCE	\$1,580	3CE	1.15	91.7	81.7	340	14
	1200	256T	575	C10P3G	TCE	\$1,580	3CE	1.15	91.7	81.4	340	14
15	3600	254T	230/460	C15P1B	TCE	\$1,254	3CE	1.15	91.7	87.5	320	14
	1800	254T	230/460	C15P2B	TCE	\$1,232	3CE	1.15	93.0	82.0	320	
	1800	254T	575	C15P2G	TCE	\$1,232	3CE	1.15	92.4	82.0	320	
	1200	284T	230/460	C15P3B	TCE	\$2,096	3CE	1.15	92.4	80.5	400	14
	1200	284T	575	C15P3G	TCE	\$2,096	3CE	1.15	92.4	80.5	400	14
20	3600	256T	230/460	C20P1B	TCE	\$1,553	3CE	1.15	92.4	88.5	320	14
	1800	256T	230/460	C20P2B	TCE	\$1,535	3CE	1.15	93.0	84.5	330	
	1800	256T	575	C20P2G	TCE	\$1,535	3CE	1.15	93.0	84.5	330	
	1200	286T	230/460	C20P3B	TCE	\$2,554	3CE	1.15	92.4	81.0	420	14
	1200	286T	575	C20P3G	TCE	\$2,554	3CE	1.15	92.4	81.5	420	14
25	3600	284TS	460	C25P1CS	TCE	\$1,914	3CE	1.15	92.4	85.5	380	14
	1800	284T	460	C25P2C	TCE	\$1,828	3CE	1.15	93.6	85.5	415	
	1800	284T	575	C25P2G	TCE	\$1,828	3CE	1.15	93.6	85.5	415	
	1200	324T	460	C25P3C	TCE	\$3,096	3CE	1.15	93.0	85.5	575	
	1200	324T	575	C25P3G	TCE	\$3,096	3CE	1.15	93.0	85.5	575	58
30	3600	286TS	460	C30P1CS	TCE	\$2,235	3CE	1.15	92.4	89.0	425	
	1800	286T	460	C30P2C	TCE	\$2,125	3CE	1.15	94.1	86.5	455	
	1800	286T	575	C30P2G	TCE	\$2,125	3CE	1.15	94.1	86.5	455	
	1200	326T	460	C30P3C	TCE	\$3,566	3CE	1.15	93.6	86.0	635	
	1200	326T	575	C30P3G	TCE	\$3,566	3CE	1.15	93.6	86.0	635	
40	3600	324TS	460	C40P1CS	TCE	\$2,948	3CE	1.15	93.6	87.5	570	14
	1800	324T	460	C40P2C	TCE	\$2,823	3CE	1.15	94.1	86.5	570	
	1800	324T	575	C40P2G	TCE	\$2,823	3CE	1.15	94.1	86.5	570	
	1200	364T	460	C40P3C	TCE	\$4,833	3CE	1.15	94.5	86.0	875	
	1200	364T	575	C40P3G	TCE	\$4,833	3CE	1.15	94.5	86.0	875	
50	3600	326TS	460	C50P1CS	TCE	\$3,814	3CE	1.15	93.0	90.0	635	
	1800	326T	460	C50P2C	TCE	\$3,467	3CE	1.15	94.5	88.5	630	58
	1800	326T	575	C50P2G	TCE	\$3,467	3CE	1.15	94.5	88.0	630	58
	1200	365T	460	C50P3C	TCE	\$5,549	3CE	1.15	94.5	86.0	915	
	1200	365T	575	C50P3G	TCE	\$5,549	3CE	1.15	94.5	86.0	915	
60	3600	364TS	460	C60P1CS	TCE	\$5,017	3CE	1.15	93.6	89.0	855	14
	1800	364T	460	C60P2C	TCE	\$4,974	3CE	1.15	95.0	84.0	855	14
	1800	364T	575	C60P2G	TCE	\$4,974	3CE	1.15	95.0	85.5	855	14
	1800	364TS	460	C60P2CS	TCE	\$4,974	3CE	1.15	95.0	84.0	855	14
	1200	404T	460	C60P3C	TCE	\$6,502	3CE	1.15	94.5	85.0	1245	
	1200	404T	575	C60P3G	TCE	\$6,502	3CE	1.15	94.5	85.0	1245	



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HP	RPM	FRAME	VOLTS	CATALOG NUMBER	TYPE	LIST \$	DS SYM	SF	FULL LOAD		SHIP WGT	NOTES
									EFF	PF		
75	3600	365TS	460	C75P1CS	TCE	\$6,300	3CE	1.15	94.1	89.5	915	14
	1800	365T	460	C75P2C	TCE	\$6,305	3CE	1.15	95.4	87.5	925	
	1800	365T	575	C75P2G	TCE	\$6,305	3CE	1.15	95.4	87.5	925	
	1800	365TS	460	C75P2CS	TCE	\$6,305	3CE	1.15	95.4	87.5	925	
	1200	405T	460	C75P3C	TCE	\$7,655	3CE	1.15	95.0	85.0	1300	
	1200	405T	575	C75P3G	TCE	\$7,655	3CE	1.15	95.0	85.0	1300	
100	3600	405TS	460	C100P1CS	TCE	\$8,442	3CE	1.15	94.1	91.0	1260	14
	1800	405T	460	C100P2C	TCE	\$7,790	3CE	1.15	95.4	85.5	1260	
	1800	405T	460	C100P2CB	TCE	\$7,790	3CE	1.15	95.4	85.5	1260	
	1800	405T	575	C100P2G	TCE	\$7,790	3CE	1.15	95.4	86.5	1260	
	1800	405TS	460	C100P2CS	TCE	\$7,790	3CE	1.15	95.4	85.5	1260	
	1800	405TS	575	C100P2GS	TCE	\$7,790	3CE	1.15	95.4	86.5	1260	
	1200	444T	460	C100P3C	TCE	\$10,462	3CE	1.15	95.4	75.7	1660	
	1200	444T	460	C100P3CB	TCE	\$10,462	3CE	1.15	95.4	81.4	1660	9
	1200	444T	575	C100P3G	TCE	\$10,462	3CE	1.15	95.4	79.7	1660	
125	3600	444TS	460	C125P1CS	TCE	\$11,035	3CE	1.15	95.0	84.5	1625	12, 58
	1800	444T	460	C125P2C	TCE	\$10,255	3CE	1.15	95.4	83.8	1675	
	1800	444T	460	C125P2CB	TCE	\$10,255	3CE	1.15	95.4	85.0	1625	9
	1800	444TS	460	C125P2CS	TCE	\$10,255	3CE	1.15	95.4	83.8	1675	
	1200	445T	460	C125P3CB	TCE	\$12,850	3CE	1.15	95.4	81.0	1750	9
	1200	445T	460	C125P3C	TCE	\$12,850	3CE	1.15	95.8	79.5	1750	
	1200	445T	575	C125P3G	TCE	\$12,850	3CE	1.15	95.8	79.8	1750	
150	3600	445TS	460	C150P1CS	TCE	\$13,257	3CE	1.15	95.0	85.0	1775	12, 58
	1800	445T	460	C150P2C	TCE	\$11,922	3CE	1.15	95.8	85.4	1800	
	1800	445T	460	C150P2CB	TCE	\$11,922	3CE	1.15	95.8	85.4	1800	9
	1800	445TS	460	C150P2CS	TCE	\$11,922	3CE	1.15	95.8	85.4	1800	
	1800	445T	575	C150P2G	TCE	\$11,922	3CE	1.15	95.8	85.6	1800	
	1200	447T	460	C150P3C	TCE	\$14,377	3CE	1.15	96.2	81.0	2100	
	1200	447T	460	C150P3CB	TCE	\$14,377	3CE	1.15	96.0	82.5	2100	9
	1200	447T	575	C150P3G	TCE	\$14,377	3CE	1.15	96.2	81.0	2100	
200	3600	447TS	460	C200P1CS	TCE	\$16,770	3CE	1.15	95.4	89.6	2185	12, 58
	1800	447T	460	C200P2C	TCE	\$14,501	3CE	1.15	96.2	87.0	2200	
	1800	447T	460	C200P2CB	TCE	\$14,501	3CE	1.15	96.2	87.0	2200	9
	1800	447TS	460	C200P2CS	TCE	\$14,501	3CE	1.15	96.2	87.0	2200	
	1800	447T	575	C200P2G	TCE	\$14,501	3CE	1.15	96.2	87.2	2200	

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