

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA® Premium Efficient



TCE

APPLICATIONS:

For pulp & paper, mill & chemical and any other severe duty environments found in the process industries.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- All Cast Iron Construction (Steel Frame & Fan Cover On 140 Frame)
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with "CE" Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Precision Balance (< 0.08 In/Sec Vibration)
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Regreaseable Bearings 180 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- Oversized Conduit Box - 1 Size Larger Than NEMA® Standard
- Cast Iron Inner Bearing Caps (180 Frame & Larger)
- Field Convertible To F2 Mounting 180 Frame & Larger
- Condensation Drains With Threaded Brass Breather Plugs

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	1800	230/460	143T	C1P2B	\$563	DS-3CE	1.15	12.6	57	85.5	3/1.5	
	1800	575	143T	C1P2G	\$563	DS-3CE	1.15	12.6	57	85.5	1.1	
	1200	230/460	145T	C1P3B	\$765	DS-3CE	1.15	13.9	77	82.5	3.5/1.8	
	1200	575	145T	C1P3G	\$765	DS-3CE	1.15	13.9	77	82.5	1.4	
	900	230/460	182T	C1P4B	\$1,185	DS-3CE	1.15	16.1	75	74.0	4.5/2.2	
1 1/2	3600	230/460	143T	C32P1B	\$649	DS-3CE	1.15	12.6	57	84.0	3.9/1.9	
	1800	230/460	145T	C32P2B	\$624	DS-3CE	1.15	13.9	72	86.5	4.3/2.1	
	1800	575	145T	C32P2G	\$624	DS-3CE	1.15	13.9	72	86.5	1.7	
	1200	230/460	182T	C32P3B	\$849	DS-3CE	1.25	16.1	100	87.5	4.7/2.3	
	900	230/460	184T	C32P4B	\$1,315	DS-3CE	1.15	16.1	100	80.0	6.2/3.1	
2	3600	230/460	145T	C2P1B	\$771	DS-3CE	1.15	12.6	72	86.5	4.9/2.4	
	1800	230/460	145T	C2P2B	\$684	DS-3CE	1.15	14.2	70	86.5	5.6/2.8	
	1800	575	145T	C2P2G	\$684	DS-3CE	1.15	13.9	72	86.5	2.2	
	1200	230/460	184T	C2P3B	\$945	DS-3CE	1.25	16.1	125	88.5	6.2/3.1	
	1200	575	184T	C2P3G	\$945	DS-3CE	1.15	16.1	110	88.5	2.5	
	900	230/460	213T	C2P4B	\$1,464	DS-3CE	1.15	20.0	117	82.5	7.4/3.7	
3	3600	230/460	182T	C3P1B	\$867	DS-3CE	1.15	16.1	85	87.5	7.8/3.9	
	1800	230/460	182T	C3P2B	\$766	DS-3CE	1.00	16.1	100	89.5	7.8/3.9	
	1800	575	182T	C3P2G	\$766	DS-3CE	1.15	16.1	100	89.5	3.1	
	1200	230/460	213T	C3P3B	\$1,170	DS-3CE	1.15	20.0	190	89.5	8.8/4.4	
	900	230/460	215T	C3P4B	\$1,815	DS-3CE	1.15	20.0	160	84.0	11.3/5.6	
5	3600	230/460	184T	C5P1B	\$1,087	DS-3CE	1.15	16.0	110	89.5	12.2/6.3	
	1800	230/460	184T	C5P2B	\$890	DS-3CE	1.15	16.0	120	89.5	12.5/6.3	
	1800	575	184T	C5P2G	\$890	DS-3CE	1.15	16.0	120	89.5	5	
	1200	230/460	215T	C5P3B	\$1,675	DS-3CE	1.15	20.0	200	90.2	14/7	
	900	230/460	254T	C5P4B	\$2,529	DS-3CE	1.15	25.0	300	89.5	15.2/7.6	
7 1/2	3600	230/460	213T	C7P1B	\$1,347	DS-3CE	1.15	20.0	160	91.0	17.8/8.9	
	1800	230/460	213T	C7P2B	\$1,218	DS-3CE	1.15	20.0	160	91.7	18.6/9.3	
	1800	575	213T	C7P2G	\$1,218	DS-3CE	1.15	20.0	160	91.7	7.5	
	1200	230/460	254T	C7P3B	\$2,236	DS-3CE	1.15	25.0	300	91.0	19/9.5	
	1200	575	254T	C7P3G	\$2,236	DS-3CE	1.15	25.0	300	91.7	7.9	14
10	3600	230/460	215T	C10P1B	\$1,578	DS-3CE	1.15	20.0	185	91.0	23.5/11.8	
	1800	230/460	215T	C10P2B	\$1,471	DS-3CE	1.15	20.0	200	91.7	23.9/12	
	1800	575	215T	C10P2G	\$1,471	DS-3CE	1.15	20.0	200	91.7	9.6	
	1200	230/460	256T	C10P3B	\$2,700	DS-3CE	1.15	25.0	340	91.7	25/12.5	14

Note 14 NEMA Design A

GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE C-FACE
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 84 PLUS™
 GENERAL PURPOSE OPEN DRIPPROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE SPEED MOTORS AND DRIVES

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®† Premium Efficient




TCE

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
15	3600	230/460	254T	C15P1B	\$2,199	DS-3CE	1.15	25.0	300	91.0	35/17.7	14
	1800	230/460	254T	C15P2B	\$1,978	DS-3CE	1.15	25.0	300	92.4	37/18.4	
	1800	575	254T	C15P2G	\$1,978	DS-3CE	1.15	25.0	300	92.4	14.6	
	1200	230/460	284T	C15P3B	\$3,664	DS-3CE	1.15	27.4	380	91.7	37/18.4	
20	3600	230/460	256T	C20P1B	\$2,723	DS-3CE	1.15	25.0	432	91.7	46/23	14
	1800	230/460	256T	C20P2B	\$2,438	DS-3CE	1.15	25.3	340	93.0	47/23.5	
	1800	575	256T	C20P2G	\$2,438	DS-3CE	1.15	25.0	340	93.0	19	
	1200	230/460	286T	C20P3B	\$4,439	DS-3CE	1.15	27.4	410	91.0	49/24.7	
25	3600	460	284TS	C25P1CS	\$3,248	DS-3CE	1.15	26.2	320	92.4	29.8	14
	1800	460	284T	C25P2C	\$2,845	DS-3CE	1.15	27.6	400	93.6	29.6	
	1800	575	284T	C25P2G	\$2,845	DS-3CE	1.15	27.4	380	93.6	23.5	
	1200	460	324T	C25P3C	\$5,137	DS-3CE	1.15	30.8	515	93.0	31	
30	1200	575	324T	C25P3G	\$5,137	DS-3CE	1.15	30.8	515	93.0	24.6	
	3600	460	286TS	C30P1CS	\$3,809	DS-3CE	1.15	26.2	425	91.7	34	
	1800	460	286T	C30P2C	\$3,318	DS-3CE	1.15	27.6	410	93.6	34	
	1800	575	286T	C30P2G	\$3,318	DS-3CE	1.15	27.4	455	93.6	27.6	
40	1200	460	326T	C30P3C	\$6,061	DS-3CE	1.15	30.8	595	93.0	37	
	1200	575	326T	C30P3G	\$6,061	DS-3CE	1.15	30.8	595	93.0	29.6	
	3600	460	324TS	C40P1CS	\$4,922	DS-3CE	1.15	29.3	465	93.0	46	
	1800	460	324T	C40P2C	\$4,332	DS-3CE	1.15	30.8	600	94.1	46	
50	1800	575	324T	C40P2G	\$4,332	DS-3CE	1.15	30.8	515	94.1	37	
	1200	460	364T	C40P3C	\$8,163	DS-3CE	1.15	33.2	860	94.1	46	
	1200	575	364T	C40P3G	\$8,163	DS-3CE	1.15	33.2	860	94.1	37	
	3600	460	326TS	C50P1CS	\$6,333	DS-3CE	1.15	29.3	555	93.0	56	
60	1800	460	326T	C50P2C	\$5,319	DS-3CE	1.15	30.8	595	94.5	56	
	1800	575	326T	C50P2G	\$5,319	DS-3CE	1.15	30.8	595	94.5	45	
	1200	460	365T	C50P3C	\$9,405	DS-3CE	1.00	33.2	875	94.1	58	
	1200	575	365T	C50P3G	\$9,405	DS-3CE	1.15	33.2	875	94.1	46	
75	3600	460	364TS	C60P1CS	\$8,454	DS-3CE	1.15	30.9	855	93.6	68	14
	1800	460	364T	C60P2C	\$7,734	DS-3CE	1.15	33.2	855	95.0	69	14
	1800	575	364T	C60P2G	\$7,734	DS-3CE	1.15	33.2	855	95.0	55	14
	1200	460	404T	C60P3C	\$11,081	DS-3CE	1.15	38.0	1160	94.5	70	
75	3600	460	365TS	C75P1CS	\$10,623	DS-3CE	1.15	30.9	915	93.6	84	14
	3600	575	365TS	C75P1GS	\$10,623	DS-3CE	1.15	30.9	915	93.6	67	
	1800	460	365T	C75P2C	\$9,837	DS-3CE	1.15	33.2	800	95.4	84	
	1800	460	365TS	C75P2CS	\$9,837	DS-3CE	1.15	30.9	925	95.4	84	LA
	1800	575	365T	C75P2G	\$9,837	DS-3CE	1.15	33.2	925	95.4	68	
	1200	460	405T	C75P3C	\$13,065	DS-3CE	1.15	38.0	1300	94.5	87	

Note 14 NEMA®† Design A
Note LA Limited Availability

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA® Premium Efficient



(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
100	3600	460	405TS	C100P1CS	\$14,227	DS-3CE	1.15	35.0	1250	94.5	112	
	1800	460	405T	C100P2C	\$12,122	DS-3CE	1.15	38.0	1250	95.4	113	
	1800	460	405TS	C100P2CS	\$12,122	DS-3CE	1.15	35.0	1300	95.4	113	
	1200	460	444T	C100P3C	\$17,888	DS-3CE	1.15	45.9	1660	95.0	124	
	1200	575	444T	C100P3G	\$17,888	DS-3CE	1.15	45.9	1660	95.0	99	
125	3600	460	444TS	C125P1FS	\$17,372	DS-3CE	1.15	42.1	1660	95.8	142	
	3600	575	444TS	C125P1GS	\$17,372	DS-3CE	1.15	42.1	1660	95.8	114	
	1800	460	444T	C125P2C	\$14,807	DS-3CE	1.15	45.9	1900	95.0	147	
	1800	460	444TS	C125P2CS	\$14,807	DS-3CE	1.15	42.1	1690	95.0	147	
	1200	460	445T	C125P3C	\$20,079	DS-3CE	1.15	45.9	1600	95.4	151	
150	3600	460	445TS	C150P1FS	\$21,379	DS-3CE	1.15	42.1	1750	95.8	171	
	3600	575	445TS	C150P1GS	\$21,379	DS-3CE	1.15	42.1	1750	95.4	137	
	1800	460	445T	C150P2C	\$17,575	DS-3CE	1.15	45.9	1800	95.8	172	
	1800	460	445TS	C150P2CS	\$17,575	DS-3CE	1.15	42.1	1820	95.8	172	
	1800	575	445T	C150P2G	\$17,575	DS-3CE	1.15	45.9	1800	95.8	137	
	1200	460	447T	C150P3C	\$23,062	DS-3CE	1.15	49.3	2100	95.8	180	
200	3600	460	447TS	C200P1FS	\$27,018	DS-3CE	1.15	45.6	2100	96.2	217	
	3600	575	447TS	C200P1GS	\$27,018	DS-3CE	1.15	45.6	2100	95.8	173	
	1800	460	447T	C200P2C	\$21,413	DS-3CE	1.15	49.4	2200	96.2	224	
	1800	460	447TS	C200P2CS	\$21,413	DS-3CE	1.15	45.6	2200	96.2	224	
	1800	575	447T	C200P2G	\$21,413	DS-3CE	1.15	49.3	2200	96.2	180	
	1200	460	449T	C200P3C	\$28,908	DS-3CE	1.15	55.1	2400	95.8	224	AP
250	3600	460	449TS	C250P1CS	\$30,906	DS-3CE	1.15	51.0	2700	95.8	273	12,AP
	1800	460	449T	C250P2C	\$26,875	DS-3CE	1.15	55.1	2700	96.2	273	AP
	1200	460	449T	C250P3C	\$36,281	DS-3CE	1.15	55.1	2800	95.8	280	AP
300	3600	460	449TS	C300P1CS	\$33,822	DS-3CE	1.15	51.4	2750	95.8	327	12,AP
	1800	460	449T	C300P2C	\$29,410	DS-3CE	1.15	55.1	2850	96.2	326	AP
	1200	460	449T	C300P3C	\$39,704	DS-3CE	1.15	55.1	2800	95.8	334	AP
350	3600	460	449TS	C350P1CS	\$40,405	DS-3CE	1.15	51.4	2800	95.8	374	12
	3600	575	449TS	C350P1GS	\$40,405	DS-3CE	1.15	51.4	2800	95.8	299	12,AP
	1800	460	449T	C350P2C	\$35,135	DS-3CE	1.15	55.1	2400	96.2	378	AP
400	3600	460	449TS	C400P1CS	\$50,419	DS-3CE	1.15	51.4	2900	95.8	426	12,AP
	1800	460	449T	C400P2C	\$43,843	DS-3CE	1.15	55.1	2400	96.2	434	AP

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note AP No F2 convertibility

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