

# 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
- Regreasable 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	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	1800	230/460	143T	C1P2B	DS-3CE	1.15	12.6	57	85.5	3/1.5	
	1800	575	143T	C1P2G	DS-3CE	1.15	12.6	57	85.5	1.1	
	1200	230/460	145T	C1P3B	DS-3CE	1.15	13.9	77	82.5	3.5/1.8	
	1200	575	145T	C1P3G	DS-3CE	1.15	13.9	77	82.5	1.4	
	900	230/460	182T	C1P4B	DS-3CE	1.15	16.1	75	74.0	4.5/2.2	
1 1/2	3600	230/460	143T	C32P1B	DS-3CE	1.15	12.6	57	84.0	3.9/1.9	
	1800	230/460	145T	C32P2B	DS-3CE	1.15	13.9	72	86.5	4.3/2.1	
	1800	575	145T	C32P2G	DS-3CE	1.15	13.9	72	86.5	1.7	
	1200	230/460	182T	C32P3B	DS-3CE	1.25	16.1	100	87.5	4.7/2.3	
	900	230/460	184T	C32P4B	DS-3CE	1.15	16.1	100	80.0	6.2/3.1	
2	3600	230/460	145T	C2P1B	DS-3CE	1.15	12.6	72	86.5	4.9/2.4	
	1800	230/460	145T	C2P2B	DS-3CE	1.15	14.2	70	86.5	5.6/2.8	
	1800	575	145T	C2P2G	DS-3CE	1.15	13.9	72	86.5	2.2	
	1200	230/460	184T	C2P3B	DS-3CE	1.25	16.1	125	88.5	6.2/3.1	
	1200	575	184T	C2P3G	DS-3CE	1.15	16.1	110	88.5	2.5	
3	3600	230/460	213T	C2P4B	DS-3CE	1.15	20.0	117	82.5	7.4/3.7	
	3600	230/460	182T	C3P1B	DS-3CE	1.15	16.1	85	87.5	7.8/3.9	
	1800	230/460	182T	C3P2B	DS-3CE	1.00	16.1	100	89.5	7.8/3.9	
	1800	575	182T	C3P2G	DS-3CE	1.15	16.1	100	89.5	3.1	
	1200	230/460	213T	C3P3B	DS-3CE	1.15	20.0	190	89.5	8.8/4.4	
5	900	230/460	215T	C3P4B	DS-3CE	1.15	20.0	160	84.0	11.3/5.6	
	3600	230/460	184T	C5P1B	DS-3CE	1.15	16.0	110	89.5	12.2/6.3	
	1800	230/460	184T	C5P2B	DS-3CE	1.15	16.0	120	89.5	12.5/6.3	
	1800	575	184T	C5P2G	DS-3CE	1.15	16.0	120	89.5	5	
	1200	230/460	215T	C5P3B	DS-3CE	1.15	20.0	200	90.2	14/7	
7 1/2	900	230/460	254T	C5P4B	DS-3CE	1.15	25.0	300	89.5	15.2/7.6	
	3600	230/460	213T	C7P1B	DS-3CE	1.15	20.0	160	91.0	17.8/8.9	
	1800	230/460	213T	C7P2B	DS-3CE	1.15	20.0	160	91.7	18.6/9.3	
	1800	575	213T	C7P2G	DS-3CE	1.15	20.0	160	91.7	7.5	
	1200	230/460	254T	C7P3B	DS-3CE	1.15	25.0	300	91.0	19/9.5	
10	1200	575	254T	C7P3G	DS-3CE	1.15	25.0	300	91.7	7.9	14
	3600	230/460	215T	C10P1B	DS-3CE	1.15	20.0	185	91.0	23.5/11.8	
	1800	230/460	215T	C10P2B	DS-3CE	1.15	20.0	200	91.7	23.9/12	
	1800	575	215T	C10P2G	DS-3CE	1.15	20.0	200	91.7	9.6	
	1200	230/460	256T	C10P3B	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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DUTYHAZARDOUS  
LOCATIONC-FACE  
MOTORSVARIABLE SPEED  
MOTORS AND DRIVES

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




TCE

(continued)

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



TCE

(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
100	3600	460	405TS	C100P1CS	DS-3CE	1.15	35.0	1250	94.5	112	
	1800	460	405T	C100P2C	DS-3CE	1.15	38.0	1250	95.4	113	
	1800	460	405TS	C100P2CS	DS-3CE	1.15	35.0	1300	95.4	113	
	1200	460	444T	C100P3C	DS-3CE	1.15	45.9	1660	95.0	124	
	1200	575	444T	C100P3G	DS-3CE	1.15	45.9	1660	95.0	99	
125	3600	460	444TS	C125P1FS	DS-3CE	1.15	42.1	1660	95.8	142	
	3600	575	444TS	C125P1GS	DS-3CE	1.15	42.1	1660	95.8	114	
	1800	460	444T	C125P2C	DS-3CE	1.15	45.9	1900	95.0	147	
	1800	460	444TS	C125P2CS	DS-3CE	1.15	42.1	1690	95.0	147	
	1200	460	445T	C125P3C	DS-3CE	1.15	45.9	1600	95.4	151	
150	3600	460	445TS	C150P1FS	DS-3CE	1.15	42.1	1750	95.8	171	
	3600	575	445TS	C150P1GS	DS-3CE	1.15	42.1	1750	95.4	137	
	1800	460	445T	C150P2C	DS-3CE	1.15	45.9	1800	95.8	172	
	1800	460	445TS	C150P2CS	DS-3CE	1.15	42.1	1820	95.8	172	
	1800	575	445T	C150P2G	DS-3CE	1.15	45.9	1800	95.8	137	
	1200	460	447T	C150P3C	DS-3CE	1.15	49.3	2100	95.8	180	
200	3600	460	447TS	C200P1FS	DS-3CE	1.15	45.6	2100	96.2	217	
	3600	575	447TS	C200P1GS	DS-3CE	1.15	45.6	2100	95.8	173	
	1800	460	447T	C200P2C	DS-3CE	1.15	49.4	2200	96.2	224	
	1800	460	447TS	C200P2CS	DS-3CE	1.15	45.6	2200	96.2	224	
	1800	575	447T	C200P2G	DS-3CE	1.15	49.3	2200	96.2	180	
	1200	460	449T	C200P3C	DS-3CE	1.15	55.1	2400	95.8	224	AP
250	3600	460	449TS	C250P1CS	DS-3CE	1.15	51.0	2700	95.8	273	12,AP
	1800	460	449T	C250P2C	DS-3CE	1.15	55.1	2700	96.2	273	AP
	1200	460	449T	C250P3C	DS-3CE	1.15	55.1	2800	95.8	280	AP
300	3600	460	449TS	C300P1CS	DS-3CE	1.15	51.4	2750	95.8	327	12,AP
	1800	460	449T	C300P2C	DS-3CE	1.15	55.1	2850	96.2	326	AP
	1200	460	449T	C300P3C	DS-3CE	1.15	55.1	2800	95.8	334	AP
350	3600	460	449TS	C350P1CS	DS-3CE	1.15	51.4	2800	95.8	374	12
	3600	575	449TS	C350P1GS	DS-3CE	1.15	51.4	2800	95.8	299	12,AP
	1800	460	449T	C350P2C	DS-3CE	1.15	55.1	2400	96.2	378	AP
400	3600	460	449TS	C400P1CS	DS-3CE	1.15	51.4	2900	95.8	426	12,AP
	1800	460	449T	C400P2C	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

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  
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 C-FACE MOTORS  
 VARIABLE SPEED MOTORS AND DRIVES