

GENERAL PURPOSE UNIMOUNT
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY
 GENERAL PURPOSE 841 PLUS
 GENERAL PURPOSE e-LINE
 GENERAL PURPOSE OPEN DRIPPROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE FREQUENCY

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Corro-Duty® NEMA Premium† Efficient – IE3



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 Plastic Plugs
- Conversion Kits: C&D Flanges, Drip Cover Kits (except 320-360), See Pages 260-266

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	C1P2B	\$1,144	DS-3CE	1.15	12.6	55	85.5	3/1.5	
	1800	575	143T	C1P2G	\$1,144	DS-3CE	1.15	12.6	55	85.5	1.1	
	1200	230/460	145T	C1P3B	\$1,265	DS-3CE	1.15	13.9	75	82.5	3.5/1.8	
	1200	575	145T	C1P3G	\$1,265	DS-3CE	1.15	13.9	75	82.5	1.4	
	900	230/460	182T	C1P4B	\$1,678	DS-3CE	1.15	16.4	75	74.0	4.5/2.2	
1-1/2	3600	230/460	143T	C32P1B	\$1,041	DS-3CE	1.15	12.6	55	84.0	3.9/1.9	
	1800	230/460	145T	C32P2B	\$1,165	DS-3CE	1.15	13.9	70	86.5	4.3/2.1	
	1800	575	145T	C32P2G	\$1,165	DS-3CE	1.15	13.9	70	86.5	1.7	
	1200	230/460	182T	C32P3B	\$1,480	DS-3CE	1.15	16.2	100	87.5	4.7/2.3	
	1200	575	182T	C32P3G	\$1,480	DS-3CE	1.15	16.2	100	87.5	1.8	
2	900	230/460	184T	C32P4B	\$1,844	DS-3CE	1.15	16.2	100	80.0	6.2/3.1	
	3600	230/460	145T	C2P1B	\$1,172	DS-3CE	1.15	12.6	70	86.5	4.9/2.4	
	1800	230/460	145T	C2P2B	\$1,218	DS-3CE	1.15	13.9	80	86.5	5.7/2.8	
	1800	575	145T	C2P2G	\$1,218	DS-3CE	1.15	13.9	125	86.5	2.2	
	1200	230/460	184T	C2P3B	\$1,500	DS-3CE	1.15	16.2	125	88.5	6.2/3.1	
3	1200	575	184T	C2P3G	\$1,500	DS-3CE	1.15	16.2	110	88.5	2.5	
	900	230/460	213T	C2P4B	\$2,017	DS-3CE	1.15	20.8	110	82.5	7.4/3.7	
	3600	230/460	182T	C3P1B	\$1,467	DS-3CE	1.15	16.2	100	87.5	7.8/3.9	
	1800	230/460	182T	C3P2B	\$1,542	DS-3CE	1.15	16.2	100	89.5	7.8/3.9	
	1800	575	182T	C3P2G	\$1,542	DS-3CE	1.15	16.2	100	89.5	3.1	
5	1200	230/460	213T	C3P3B	\$2,167	DS-3CE	1.15	19.6	160	89.5	8.8/4.4	
	1200	575	213T	C3P3G	\$2,167	DS-3CE	1.15	19.6	160	89.5	3.5	
	900	230/460	215T	C3P4B	\$2,771	DS-3CE	1.15	19.6	160	84.0	11.3/5.6	
	3600	230/460	184T	C5P1B	\$1,806	DS-3CE	1.15	16.2	110	89.5	12.6/6.3	
	1800	230/460	184T	C5P2B	\$1,568	DS-3CE	1.15	16.2	120	90.2	12.5/6.3	
7-1/2	1800	575	184T	C5P2G	\$1,568	DS-3CE	1.15	16.2	120	89.5	5	
	1200	230/460	215T	C5P3B	\$2,196	DS-3CE	1.15	19.6	190	90.2	14/7	
	1200	575	215T	C5P3G	\$2,196	DS-3CE	1.15	19.6	190	89.5	5.6	
	900	230/460	254T	C5P4B	\$3,827	DS-3CE	1.15	25.0	190	89.5	15.2/7.6	
	3600	230/460	213T	C7P1B	\$2,358	DS-3CE	1.15	19.6	160	91.7	17.9/8.9	14
10	1800	230/460	213T	C7P2B	\$1,978	DS-3CE	1.15	19.6	160	91.7	18.6/9.3	
	1800	575	213T	C7P2G	\$1,978	DS-3CE	1.15	19.6	160	91.7	7.5	
	1200	230/460	254T	C7P3B	\$3,145	DS-3CE	1.15	25.0	300	91.7	20.2/10.1	14
	1200	575	254T	C7P3G	\$3,145	DS-3CE	1.15	25.0	300	91.7	7.9	14
	3600	230/460	215T	C10P1B	\$2,509	DS-3CE	1.15	19.6	185	91.7	23.5/11.8	
1800	230/460	215T	C10P2B	\$2,368	DS-3CE	1.15	19.6	200	91.7	23.9/12		

Note 14 NEMA® Design A

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VARIABLE FREQUENCY

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	1800	575	215T	C10P2G	\$2,368	DS-3CE	1.15	19.6	200	91.7	9.6	
	1200	230/460	256T	C10P3B	\$4,086	DS-3CE	1.15	25.0	340	91.7	25/12.5	14
	1200	575	256T	C10P3G	\$4,086	DS-3CE	1.15	25.0	340	91.7	10	14
15	3600	230/460	254T	C15P1B	\$3,212	DS-3CE	1.15	25.0	320	91.7	35/17.7	14
	1800	230/460	254T	C15P2B	\$3,017	DS-3CE	1.15	25.0	320	92.4	37/18.4	
	1800	575	254T	C15P2G	\$3,017	DS-3CE	1.15	25.0	320	92.4	14.6	
	1200	230/460	284T	C15P3B	\$4,684	DS-3CE	1.15	27.0	400	91.7	38/19	14
	1200	575	284T	C15P3G	\$4,684	DS-3CE	1.15	27.0	400	92.4	15.2	14
20	3600	230/460	256T	C20P1B	\$3,748	DS-3CE	1.15	25.0	420	92.4	46/23	14
	1800	230/460	256T	C20P2B	\$3,238	DS-3CE	1.15	25.0	360	93.0	48/24	
	1800	575	256T	C20P2G	\$3,238	DS-3CE	1.15	25.0	360	93.0	19	
	1200	230/460	286T	C20P3B	\$6,365	DS-3CE	1.15	27.0	420	92.4	50/25.1	14
	1200	575	286T	C20P3G	\$6,365	DS-3CE	1.15	27.0	420	92.4	20	14
25	3600	460	284TS	C25P1CS	\$4,505	DS-3CE	1.15	26.3	320	92.4	29.8	14
	1800	460	284T	C25P2C	\$4,238	DS-3CE	1.15	27.0	400	93.0	29.6	
	1800	575	284T	C25P2G	\$4,238	DS-3CE	1.15	27.0	400	93.6	23.5	
	1200	460	324T	C25P3C	\$6,651	DS-3CE	1.15	30.8	515	93.0	29.4	
	1200	575	324T	C25P3G	\$6,651	DS-3CE	1.15	30.8	515	93.0	23.5	
30	3600	460	286TS	C30P1CS	\$5,494	DS-3CE	1.15	26.3	425	92.4	34	
	1800	460	286T	C30P2C	\$5,033	DS-3CE	1.15	27.0	455	93.6	35	
	1800	575	286T	C30P2G	\$5,033	DS-3CE	1.15	27.0	455	93.6	27.6	
	1200	460	326T	C30P3C	\$8,576	DS-3CE	1.15	30.8	595	93.6	35	
	1200	575	326T	C30P3G	\$8,576	DS-3CE	1.15	30.8	595	93.0	28.1	
40	3600	460	324TS	C40P1CS	\$7,550	DS-3CE	1.15	29.3	465	93.6	46	14
	3600	575	324TS	C40P1GS	\$7,550	DS-3CE	1.15	29.3	465	93.0	38	
	1800	460	324T	C40P2C	\$6,585	DS-3CE	1.15	30.8	515	94.1	46	
	1800	575	324T	C40P2G	\$6,585	DS-3CE	1.15	30.8	515	94.1	37	
	1200	460	364T	C40P3C	\$10,692	DS-3CE	1.15	33.0	860	94.1	46	
	1200	575	364T	C40P3G	\$10,692	DS-3CE	1.15	33.0	860	94.1	37	
50	3600	460	326TS	C50P1CS	\$7,913	DS-3CE	1.15	29.3	555	93.0	56	
	1800	460	326T	C50P2C	\$7,731	DS-3CE	1.15	30.8	595	94.5	56	
	1800	575	326T	C50P2G	\$7,731	DS-3CE	1.15	30.8	595	94.5	45	
	1200	460	365T	C50P3C	\$11,387	DS-3CE	1.15	33.0	875	94.1	58	
	1200	575	365T	C50P3G	\$11,387	DS-3CE	1.15	33.0	875	94.1	46	
60	3600	460	364TS	C60P1CS	\$11,484	DS-3CE	1.15	30.9	855	93.0	68	14
	1800	460	364T	C60P2C	\$10,363	DS-3CE	1.15	33.0	855	95.0	69	14
	1800	460	364TS	C60P2CS	\$10,363	DS-3CE	1.15	30.9	855	95.0	69	14
	1800	575	364T	C60P2G	\$10,363	DS-3CE	1.15	33.0	855	95.0	55	14
	1200	460	404T	C60P3C	\$15,245	DS-3CE	1.15	36.5	1245	94.5	70	
75	3600	460	365TS	C75P1CS	\$12,837	DS-3CE	1.15	30.9	915	93.6	84	14
	3600	575	365TS	C75P1GS	\$12,837	DS-3CE	1.15	30.9	915	93.6	67	
	1800	460	365T	C75P2C	\$12,110	DS-3CE	1.15	33.0	925	95.4	84	
	1800	460	365TS	C75P2CS	\$12,110	DS-3CE	1.15	30.9	925	95.4	84	
	1800	575	365T	C75P2G	\$12,110	DS-3CE	1.15	33.0	925	95.4	68	
	1200	460	405T	C75P3C	\$18,554	DS-3CE	1.15	38.0	1250	94.5	87	

Note 14 NEMA[®] Design A

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TCE

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
100	3600	460	405TS	C100P1CS	\$16,289	DS-3CE	1.15	35.0	1250	94.5	109	
	1800	460	405T	C100P2C	\$15,166	DS-3CE	1.15	38.0	1250	95.4	113	
	1200	460	444T	C100P3C	\$21,019	DS-3CE	1.15	45.9	1660	95.4	124	
	1200	460	444T	C100P3CB	\$21,019	DS-3CE	1.15	45.9	1660	95.4	124	09
	1200	575	444T	C100P3G	\$21,019	DS-3CE	1.15	45.9	1660	95.4	99	
125	3600	460	444TS	C125P1CS	\$19,142	DS-3CE	1.15	42.1	1625	95.0	145	12
	1800	460	444T	C125P2C	\$17,928	DS-3CE	1.15	45.9	1900	95.4	147	
	1800	460	444T	C125P2CB	\$17,928	DS-3CE	1.15	45.9	1690	95.4	144	09
	1800	460	444TS	C125P2CS	\$17,928	DS-3CE	1.15	42.1	1690	95.4	147	
	1200	460	445T	C125P3C	\$23,748	DS-3CE	1.15	45.9	1600	95.8	155	
	1200	460	445T	C125P3CB	\$23,748	DS-3CE	1.15	45.9	1750	95.4	155	09
	1200	575	445T	C125P3G	\$23,748	DS-3CE	1.15	45.9	1750	95.8	124	
150	3600	460	445TS	C150P1CS	\$22,440	DS-3CE	1.15	42.1	1775	95.0	176	12
	1800	460	445T	C150P2C	\$21,004	DS-3CE	1.15	45.9	1800	95.8	172	
	1800	460	445T	C150P2CB	\$21,004	DS-3CE	1.15	45.9	1800	95.8	172	09
	1800	460	445TS	C150P2CS	\$21,004	DS-3CE	1.15	42.1	1800	95.8	172	
	1800	575	445T	C150P2G	\$21,004	DS-3CE	1.15	45.9	1800	95.8	137	
	1200	460	447T	C150P3C	\$26,775	DS-3CE	1.15	49.4	2100	96.2	181	
	1200	460	447T	C150P3CB	\$26,775	DS-3CE	1.15	49.4	2100	96.2	176	09
	1200	575	447T	C150P3G	\$26,775	DS-3CE	1.15	49.4	2100	96.2	145	
	200	3600	460	447TS	C200P1CS	\$26,575	DS-3CE	1.15	45.6	2185	95.4	220
200	1800	460	447T	C200P2C	\$25,268	DS-3CE	1.15	45.6	2200	96.2	224	
	1800	460	447T	C200P2CB	\$25,268	DS-3CE	1.15	45.6	2200	96.2	224	
	1800	460	447TS	C200P2CS	\$25,268	DS-3CE	1.15	45.6	2200	96.2	224	
	1800	575	447T	C200P2G	\$25,268	DS-3CE	1.15	49.4	2200	96.2	180	
	1200	460	449T	C200P3C	\$29,851	DS-6S	1.15	55.1	2400	95.8	224	
	250	3600	460	449TS	C250P1CS	\$35,294	DS-6S	1.15	51.4	2700	95.8	267
250	1800	460	449T	C250P2C	\$31,395	DS-6S	1.15	55.1	2700	96.2	273	
	1200	460	449T	C250P3C	\$32,202	DS-6S	1.15	55.1	2800	95.8	280	
	300	3600	460	449TS	C300P1CS	\$37,984	DS-6S	1.15	51.4	2750	95.8	322
300	1800	460	449T	C300P2C	\$32,003	DS-6S	1.15	55.1	2850	96.2	326	
	1200	460	449T	C300P3C	\$37,808	DS-6S	1.15	55.1	2800	95.8	334	
	350	3600	460	449TS	C350P1CS	\$43,240	DS-6S	1.15	51.4	2800	95.8	374
350	1800	460	449T	C350P2C	\$35,130	DS-6S	1.15	55.1	2950	96.2	381	
	400	3600	460	449TS	C400P1CS	\$48,946	DS-6S	1.15	51.4	2900	95.8	426
400	1800	460	449T	C400P2C	\$37,451	DS-6S	1.15	55.1	3025	96.2	434	

Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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