

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

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
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Dual Bearing Seals On Pulley End For IP55 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- Precision Balance (< 0.08 In/Sec Vibration)
- NEMA®+ Design B Performance On 60 Hz Sine Wave Power
- 1.15 Service Factor @ 60 Hz
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- Suitable for 20:1 (3-60hz) Variable Torque; 5:1 (12-60hz) Constant Torque On Inverter Power
- Regreasable Open Bearings
- Lifting Provisions, Epoxy Coated Rotor
- Field Convertible To F2 Mounting
- Brass Breather Condensation Drains
- Oversized Conduit Box - 1 Size Larger Than NEMA Standard
- Cast Iron Inner Bearing Caps
- Conversion Kits: C&D Flanges, Canopy Kits

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	CD1P2E	DS-3CEW	1.15	13.7	70	85.5	3/1.5	105,G
	1800	575	143T	CD1P2G	DS-3CEW	1.15	13.7	70	85.5	1.2	
	1200	230/460	145T	CD1P3E	DS-3CEW	1.15	13.7	80	82.5	3.7/1.8	105,G
	1200	575	145T	CD1P3G	DS-3CEW	1.15	13.7	80	82.5	1.4	
1 1/2	3600	230/460	143T	CD32P1E	DS-3CEW	1.15	13.7	60	84.0	3.9/1.9	105,G
	3600	575	143T	CD32P1G	DS-3CEW	1.15	13.7	60	84.0	1.6	
	1800	230/460	145T	CD32P2E	DS-3CEW	1.15	13.7	80	86.5	4.1/2.1	105,G
	1800	575	145T	CD32P2G	DS-3CEW	1.15	13.7	80	86.5	1.6	
	1200	230/460	182T	CD32P3E	DS-3CEW	1.15	16.4	100	87.5	4.5/2.2	105,G
	1200	575	182T	CD32P3G	DS-3CEW	1.15	16.4	100	87.5	1.8	
2	3600	230/460	145T	CD2P1E	DS-3CEW	1.15	13.7	60	85.5	5/2.5	105,G
	3600	575	145T	CD2P1G	DS-3CEW	1.15	13.7	60	86.5	2	
	1800	230/460	145T	CD2P2E	DS-3CEW	1.15	13.7	80	86.5	5.3/2.7	105,G
	1800	575	145T	CD2P2G	DS-3CEW	1.15	13.7	80	86.5	2.1	
	1200	230/460	184T	CD2P3E	DS-3CEW	1.15	16.4	110	88.5	6.2/3.1	105,G
	1200	575	184T	CD2P3G	DS-3CEW	1.15	16.4	110	88.5	2.5	
3	3600	230/460	182T	CD3P1E	DS-3CEW	1.15	16.4	80	86.5	8.2/4.1	105,G
	3600	575	182T	CD3P1G	DS-3CEW	1.15	16.4	80	86.5	3.3	
	1800	230/460	182T	CD3P2E	DS-3CEW	1.15	16.4	100	89.5	7.8/3.9	105,G
	1800	575	182T	CD3P2G	DS-3CEW	1.15	16.4	100	89.5	3.1	
	1200	230/460	213T	CD3P3E	DS-3CEW	1.15	19.7	170	89.5	8.6/4.3	105,G
	1200	575	213T	CD3P3G	DS-3CEW	1.15	19.7	170	90.2	3.5	
5	3600	230/460	184T	CD5P1E	DS-3CEW	1.15	16.4	100	88.5	12.3/6.1	105,G
	3600	575	184T	CD5P1G	DS-3CEW	1.15	16.4	100	88.5	4.9	
	1800	230/460	184T	CD5P2E	DS-3CEW	1.15	16.4	110	89.5	12.7/6.3	105,G
	1800	575	184T	CD5P2G	DS-3CEW	1.15	16.4	110	89.5	5.1	
	1200	230/460	215T	CD5P3E	DS-3CEW	1.15	19.7	180	89.5	14.2/7.1	105,G
	1200	575	215T	CD5P3G	DS-3CEW	1.15	19.7	180	89.5	5.7	
7 1/2	3600	230/460	213T	CD7P1E	DS-3CEW	1.15	19.7	140	89.5	18.1/9	105,G
	3600	575	213T	CD7P1G	DS-3CEW	1.15	19.7	140	89.5	7.2	
	1800	230/460	213T	CD7P2E	DS-3CEW	1.15	19.7	170	91.7	19.1/9.6	105,G
	1800	575	213T	CD7P2G	DS-3CEW	1.15	19.7	170	91.7	7.8	
	1200	230/460	254T	CD7P3E	DS-3CEW	1.15	25.1	250	91.0	18.8/9.4	105,G
	1200	575	254T	CD7P3G	DS-3CEW	1.15	25.1	250	91.0	7.6	
10	3600	230/460	215T	CD10P1E	DS-3CEW	1.15	19.7	160	90.2	23.5/11.8	105,G
	3600	575	215T	CD10P1G	DS-3CEW	1.15	19.7	160	90.2	9.3	
	1800	230/460	215T	CD10P2E	DS-3CEW	1.15	19.7	180	91.7	25.7/12.8	105,G
	1800	575	215T	CD10P2G	DS-3CEW	1.15	19.7	180	91.7	10.3	
	1200	230/460	256T	CD10P3E	DS-3CEW	1.15	25.1	280	91.0	24.9/12.4	105,G
	1200	575	256T	CD10P3G	DS-3CEW	1.15	25.1	280	91.0	10	
15	3600	230/460	254T	CD15P1E	DS-3CEW	1.15	25.1	270	91.0	35/17.4	105,G
	3600	575	254T	CD15P1G	DS-3CEW	1.15	25.1	270	91.0	13.9	105,G
	1800	230/460	254T	CD15P2E	DS-3CEW	1.15	25.1	270	92.4	40-36/18	105,G
	1800	575	254T	CD15P2G	DS-3CEW	1.15	25.1	270	92.4	14.5	
	1200	230/460	284T	CD15P3E	DS-3CEW	1.15	27.7	340	91.7	37/18.5	105,G
	1200	575	284T	CD15P3G	DS-3CEW	1.15	27.7	340	91.7	14.7	

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(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
20	3600	230/460	256T	CD20P1E	DS-3CEW	1.15	25.1	270	91.0	46/23	105,G
	3600	575	256T	CD20P1G	DS-3CEW	1.15	25.1	280	91.0	18.4	
	1800	230/460	256T	CD20P2E	DS-3CEW	1.15	25.1	300	93.0	47/23.7	105,G
	1800	575	256T	CD20P2G	DS-3CEW	1.15	25.1	300	93.0	18.9	
	1200	230/460	286T	CD20P3E	DS-3CEW	1.15	27.7	370	91.7	49/24.4	105,G
	1200	575	286T	CD20P3G	DS-3CEW	1.15	27.7	370	91.7	19.6	
25	3600	230/460	284TS	CD25P1ES	DS-3CEW	1.15	26.3	350	91.7	58/28.8	105,G
	3600	460	284TS	CD25P1FS	DS-3CEW	1.15	26.3	330	91.7	28.8	G
	3600	575	284TS	CD25P1GS	DS-3CEW	1.15	26.3	330	91.7	23	
	1800	230/460	284T	CD25P2E	DS-3CEW	1.15	27.7	360	93.6	58/29.2	105,G
	1800	460	284T	CD25P2F	DS-3CEW	1.15	27.7	360	93.6	29.2	G
	1800	575	284T	CD25P2G	DS-3CEW	1.15	27.7	360	93.6	23.3	
	1200	230/460	324T	CD25P3E	DS-3CEW	1.15	30.1	540	93.0	59/29.3	105,G
	1200	460	324T	CD25P3F	DS-3CEW	1.15	30.3	540	93.0	29.3	G
	1200	575	324T	CD25P3G	DS-3CEW	1.15	30.3	540	93.0	23.4	
	30	3600	230/460	286TS	CD30P1ES	DS-3CEW	1.15	26.3	325	91.7	69/35
3600		460	286TS	CD30P1FS	DS-3CEW	1.15	26.3	330	91.7	35	G
3600		575	286TS	CD30P1GS	DS-3CEW	1.15	26.3	330	91.7	27.7	
1800		230/460	286T	CD30P2E	DS-3CEW	1.15	27.7	370	93.6	70/35	105,G
1800		460	286T	CD30P2F	DS-3CEW	1.15	27.7	370	93.6	35	G
1800		575	286T	CD30P2G	DS-3CEW	1.15	27.7	370	93.6	28.1	
1200		230/460	326T	CD30P3E	DS-3CEW	1.15	30.1	565	93.0	70/35	105,G
1200		460	326T	CD30P3F	DS-3CEW	1.15	30.3	560	92.4	35	G
1200		575	326T	CD30P3G	DS-3CEW	1.15	30.3	560	93.0	28	
40		3600	230/460	324TS	CD40P1ES	DS-3CEW	1.15	28.8	485	92.4	92/46
	3600	460	324TS	CD40P1FS	DS-3CEW	1.15	28.8	460	92.4	46	G
	3600	575	324TS	CD40P1GS	DS-3CEW	1.15	28.8	460	92.4	37	
	1800	230/460	324T	CD40P2E	DS-3CEW	1.15	30.3	505	94.1	92/46	105,G
	1800	460	324T	CD40P2F	DS-3CEW	1.15	30.3	490	94.1	46	G
	1800	575	324T	CD40P2G	DS-3CEW	1.15	30.3	490	94.1	37	
	1200	230/460	364T	CD40P3E	DS-3CEW	1.15	32.4	690	94.1	94/47	105,G
	1200	460	364T	CD40P3F	DS-3CEW	1.15	32.4	690	94.1	47	G
	1200	575	364T	CD40P3G	DS-3CEW	1.15	32.4	690	94.1	37	
	50	3600	230/460	326TS	CD50P1ES	DS-3CEW	1.15	28.8	545	93.0	112/56
3600		460	326TS	CD50P1FS	DS-3CEW	1.15	28.8	520	93.0	56	G
3600		575	326TS	CD50P1GS	DS-3CEW	1.15	28.8	520	93.0	45	
1800		230/460	326T	CD50P2E	DS-3CEW	1.15	30.3	590	94.5	112/56	105,G
1800		460	326T	CD50P2F	DS-3CEW	1.15	30.3	600	94.5	56	G
1800		575	326T	CD50P2G	DS-3CEW	1.15	30.3	600	94.5	45	
1200		230/460	365T	CD50P3E	DS-3CEW	1.15	32.4	730	94.1	117/59	105,G
1200		460	365T	CD50P3F	DS-3CEW	1.15	32.4	730	94.1	59	G
1200		575	365T	CD50P3G	DS-3CEW	1.15	32.4	730	94.1	47	
60		3600	460	364TS	CD60P1FS	DS-3CEW	1.15	30.3	620	93.6	69
	3600	575	364TS	CD60P1GS	DS-3CEW	1.15	30.3	620	93.6	55	
	1800	230/460	364T	CD60P2E	DS-3CEW	1.15	32.4	700	95.0	137/68	105,G
	1800	460	364T	CD60P2F	DS-3CEW	1.15	32.4	700	95.0	68	G
	1800	575	364T	CD60P2G	DS-3CEW	1.15	32.4	700	95.0	55	
	1200	460	404T	CD60P3F	DS-3CEW	1.15	37.8	1020	94.5	71	G
	1200	575	404T	CD60P3G	DS-3CEW	1.15	37.8	1020	94.5	57	
75	3600	460	365TS	CD75P1FS	DS-3CEW	1.00	30.3	710	94.1	83	G
	3600	575	365TS	CD75P1GS	DS-3CEW	1.15	30.3	710	94.1	66	
	1800	230/460	365T	CD75P2E	DS-3CEW	1.15	32.4	750	95.4	170/85	105,G
	1800	460	365T	CD75P2F	DS-3CEW	1.15	32.4	750	95.4	85	G
	1800	575	365T	CD75P2G	DS-3CEW	1.15	32.4	750	95.4	68	
	1200	460	405T	CD75P3F	DS-3CEW	1.15	37.8	1040	94.5	89	G
	1200	460	405T	CD75P3FB	DS-3CEW	1.15	37.8	1040	94.5	89	09,G
	1200	575	405T	CD75P3G	DS-3CEW	1.15	37.8	1040	94.5	71	

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

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

(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
100	3600	460	405TS	CD100P1FS	DS-3CEW	1.15	34.8	970	94.1	114	G
	3600	575	405TS	CD100P1GS	DS-3CEW	1.15	34.8	970	94.1	91	
	1800	460	405T	CD100P2F	DS-3CEW	1.15	37.8	1060	95.4	115	G
	1800	460	405T	CD100P2FB	DS-3CEW	1.15	37.8	1060	95.4	115	09,G
	1800	460	405TS	CD100P2FS	DS-3CEW	1.15	34.8	1060	95.4	115	G
	1800	575	405T	CD100P2G	DS-3CEW	1.15	37.8	1060	95.4	91	
	1200	460	444T	CD100P3F	DS-3CEW	1.15	44.5	1570	95.0	120	G
	1200	460	444T	CD100P3FB	DS-3CEW	1.15	44.5	1570	95.0	120	09,G
	1200	575	444T	CD100P3G	DS-3CEW	1.15	44.5	1570	95.0	95	
125	3600	460	444TS	CD125P1FS	DS-3CEW	1.15	40.8	1430	95.0	142	G
	3600	575	444TS	CD125P1GS	DS-3CEW	1.15	40.8	1430	95.0	113	
	1800	460	444T	CD125P2F	DS-3CEW	1.15	44.5	1390	95.8	141	G
	1800	460	444T	CD125P2FB	DS-3CEW	1.15	44.5	1390	95.8	141	09,G
	1800	460	444TS	CD125P2FS	DS-3CEW	1.15	40.8	1390	95.8	141	G
	1800	575	444T	CD125P2G	DS-3CEW	1.15	44.5	1390	95.4	114	
	1200	460	445T	CD125P3F	DS-3CEW	1.15	44.5	1620	95.0	153	G
	1200	460	445T	CD125P3FB	DS-3CEW	1.15	44.5	1620	95.0	153	09,G
	1200	575	445T	CD125P3G	DS-3CEW	1.15	44.5	1620	95.0	125	
150	3600	460	445TS	CD150P1FS	DS-3CEW	1.15	40.8	1530	95.0	167	G
	3600	575	445TS	CD150P1GS	DS-3CEW	1.15	40.8	1530	95.0	133	
	1800	460	445T	CD150P2F	DS-3CEW	1.15	44.5	1610	95.8	171	G
	1800	460	445T	CD150P2FB	DS-3CEW	1.15	44.5	1610	95.8	171	09,G
	1800	460	445TS	CD150P2FS	DS-3CEW	1.15	40.8	1610	95.8	171	G
	1800	575	445T	CD150P2G	DS-3CEW	1.15	44.5	1610	95.8	136	
	1200	460	447T	CD150P3F	DS-3CEW	1.15	48.0	1890	95.8	179	G
	1200	460	447T	CD150P3FB	DS-3CEW	1.15	48.0	1890	95.8	179	09,G
	1200	575	447T	CD150P3G	DS-3CEW	1.15	48.0	1890	95.8	143	
200	3600	460	447TS	CD200P1FS	DS-3CEW	1.15	44.3	1750	95.4	221	G
	3600	575	447TS	CD200P1GS	DS-3CEW	1.15	44.3	1790	95.4	177	
	1800	460	447T	CD200P2F	DS-3CEW	1.15	48.0	1860	96.2	225	G
	1800	460	447T	CD200P2FB	DS-3CEW	1.15	48.0	1860	96.2	225	09,G
	1800	460	447TS	CD200P2FS	DS-3CEW	1.15	44.3	1860	96.2	225	G
	1800	575	447T	CD200P2G	DS-3CEW	1.15	48.0	1860	96.2	180	
250	1200	460	449T	CD200P3F	DS-3CEW	1.15	53.0	2500	95.8	224	G
	3600	460	449TS	CD250P1FS	DS-3CEW	1.15	49.3	2500	95.8	273	G
	1800	460	449T	CD250P2F	DS-3CEW	1.15	53.0	2500	96.2	273	G
	1800	460	449T	CD250P2FB	DS-3CEW	1.15	53.0	2500	96.2	273	09,G
300	1200	460	449T	C250P3C	DS-3CE	1.15	55.1	2800	95.8	280	AP,NWM
	3600	460	449TS	CD300P1FS	DS-3CEW	1.15	49.3	2500	95.8	327	G
	1800	460	449T	CD300P2F	DS-3CEW	1.15	53.0	2500	96.2	326	G
	1800	460	449T	CD300P2FB	DS-3CEW	1.15	53.0	2500	96.2	326	09,G
350	1200	460	449T	C300P3C	DS-3CE	1.15	55.1	2800	95.8	334	AP,NWM
	3600	460	449TS	C350P1CS	DS-3CE	1.15	51.4	2800	95.8	374	AP,NWM
	1800	460	449T	C350P2C	DS-3CE	1.15	55.1	2400	96.2	381	AP,NWM
400	1800	460	449T	C350P2CB	DS-3CE	1.15	55.1	2950	96.2	381	09, AP,NWM
	3600	460	449TS	C400P1CS	DS-3CE	1.15	51.4	2900	95.8	426	AP,NWM
	1800	460	449T	C400P2C	DS-3CE	1.15	55.1	2400	96.2	434	AP,NWM
1800	460	449T	C400P2CB	DS-3CE	1.15	55.1	3025	96.2	434	09, AP,NWM	

Note 09 Cylindrical Roller Bearing
 Note 105 208 Volt Suitable
 Note AP No F2 convertibility

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note NWM Non-World Motor Construction