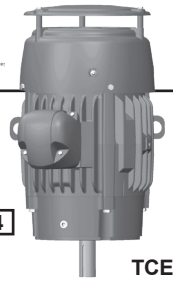
General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®† Premium Efficient, Vertical C-Face

NEMA Premium



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 On 140 Frame)
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate
- Shaft Slinger On Both Ends For IP54 Protection
- Regreasable Bearings 140 Frame & Up, Lifting Provisions 180 Frame & Up
- 40°C Ambient, NEMA®† Design B Performance On 60 Hertz Sine Wave Power
- 50 Hz. rated at 190/380V (140-250 Frame) or 380V (280 Frame & Larger)
- 1.25 Service Factor @ 60 Hz.
- Special Balance (< 0.08 In/Sec Vibration)
- Open Bearings 180-447 (Double Shielded Bearings on 140 Frame)
- Steel Canopy Cap/Drip Cover (Cast Iron on 140 Frame)
- Cast Iron Inner Bearing Caps (180 Frame & Larger)
- Condensation Drain With Threaded Brass Breather Plug
- Oversized Cast Iron Conduit Box - 1 Size Larger Than NEMA®† Standard
- Zinc Plated Hardware
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- **Discount Symbol: Catalog #s beginning with C is DS-3CE**
  Catalog #s beginning with CD are DS-3CEW

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	3600	230/460	143TC	CD1P1ECR	$1,044	DS-3CEW	1.25	15	90	84	2.9/1.5	105,G
	1800	230/460	145TC	CD1P2ECR	$981	DS-3CEW	1.25	15	90	85.5	3.2/1.6	105,G
1 1/2	3600	230/460	143TC	CD32P1ECR	$1,044	DS-3CEW	1.25	15	90	84	3.9/1.9	105,G
	1800	230/460	145TC	CD32P2ECR	$1,019	DS-3CEW	1.25	15	90	86.5	4.3/2.2	105,G
2	3600	230/460	145TC	CD2P1ECR	$1,068	DS-3CEW	1.25	15	90	85.5	5/2.5	105,G
	1800	230/460	145TC	CD2P2ECR	$1,077	DS-3CEW	1.25	15	90	86.5	5.6/2.8	105,G
3	3600	230/460	182TC	CD3P1ECR	$1,316	DS-3CEW	1.25	19	130	86.5	8/4	105,G
	1800	230/460	182TC	CD3P2ECR	$1,283	DS-3CEW	1.25	19	130	89.5	7.8/3.9	105,G
5	3600	230/460	184TC	CD5P1ECR	$1,455	DS-3CEW	1.25	19	130	88.5	12.3/6.1	105,G
	1800	230/460	184TC	CD5P2ECR	$1,382	DS-3CEW	1.25	19	130	89.5	12.7/6.3	105,G
7 1/2	3600	230/460	213TC	CD7P1ECR	$1,682	DS-3CEW	1.25	21.6	150	89.5	20.3-18.5/9.2	105,G
	3600	230/460	213TC	C7P1DCR	$1,665	DS-3CE	1.15	22.75	160	91	19.9-17.8/8.9	03,105, LA
	1800	230/460	213TC	CD7P2ECR	$1,639	DS-3CEW	1.25	21.6	180	91.7	20.7-19.3/9.6	105,G
	1800	230/460	213TC	C7P2DCR	$1,536	DS-3CE	1.15	22.75	160	91.7	20.1-18.6/9.3	03,105, LA
10	3600	230/460	213TC	CD10P1ECR	$1,865	DS-3CEW	1.25	21.6	160	91	23.6/11.8	03,105, LA
	3600	230/460	215TC	C10P1DCR	$1,896	DS-3CE	1.15	22.75	175	91	26.4-23.5/11.8	03,105
	1800	230/460	215TC	CD10P2ECR	$1,898	DS-3CEW	1.25	21.6	190	91.7	27.5-25.7/12.8	105,G
15	3600	230/460	254TC	CD15P1ECR	$2,530	DS-3CEW	1.15	27	240	91	35.0/17.5	105,G
	3600	230/460	254TC	C15P1DCR	$2,617	DS-3CE	1.15	26.34	300	91	40-35/17.5	03,105, LA
	1800	230/460	254TC	CD15P2ECR	$2,483	DS-3CEW	1.15	27	270	92.4	36.0/18	105,G
	1800	230/460	254TC	C15P2DCR	$2,396	DS-3CE	1.15	26.34	300	92.4	40-37/18.4	03,105, LA
20	3600	230/460	256TC	CD20P1ECR	$2,962	DS-3CEW	1.15	27	270	91	46.0/22.9	105,G
	1800	230/460	256TC	CD20P2ECR	$2,912	DS-3CEW	1.15	27	300	93	47.0/23.7	105,G
25	3600	230/460	284TSC	CD25P1ESCR	$3,501	DS-3CEW	1.25	27.75	320	91.7	58.0/28.8	105,G
	1800	230/460	284TC	CD25P2ECR	$3,418	DS-3CEW	1.15	29.14	350	93.6	58.0/29.1	105,G
	1800	230/460	284TSC	CD25P2ESCR	$3,418	DS-3CEW	1.25	27.75	350	93.6	58.0/29.1	105,G
30	3600	230/460	286TSC	CD30P1ESCR	$4,009	DS-3CEW	1.25	27.75	320	91.7	69.0/35	105,G
	1800	230/460	286TC	CD30P2ECR	$3,879	DS-3CEW	1.25	29.14	360	93.6	70/35	105,G
	1800	230/460	286TSC	CD30P2ESCR	$3,879	DS-3CEW	1.15	27.88	360	93.6	70/35	105,G

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 105 208 Volt Suitable

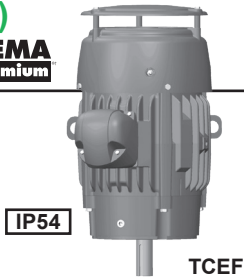
Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note LA Limited Availability

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

NEMA Premium

(continued)



HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
40	3600	460	324TSC	CD40P1FSCR	$4,796	DS-3CEW	1.25	30.40	525	92.4	46	G
	1800	460	324TC	CD40P2FCR	$4,687	DS-3CEW	1.25	30.40	575	94.1	46	G
	1800	460	324TSC	CD40P2FSCR	$4,687	DS-3CEW	1.25	30.40	575	94.1	46	G
50	3600	460	326TSC	CD50P1FSCR	$6,018	DS-3CEW	1.25	30.40	595	93	56	G
	1800	460	326TC	CD50P2FCR	$5,528	DS-3CEW	1.25	30.40	600	94.5	58	G
	1800	460	326TC	C50P2FCR	$6,221	DS-3CE	1.15	32.63	625	94.5	56	03,LA
	1800	460	326TSC	CD50P2FSCR	$5,528	DS-3CEW	1.25	30.40	645	94.5	58	G
60	3600	460	364TSC	CD60P1FSCR	$7,760	DS-3CEW	1.25	31.90	795	93.6	69	G
	3600	460	364TSC	C60P1FSCR	$9,632	DS-3CE	1.15	30.95	750	93.6	68	03,LA
	1800	460	364TC	CD60P2FCR	$7,610	DS-3CEW	1.25	34.0	795	95	68	G
	1800	460	364TSC	CD60P2FSCR	$7,610	DS-3CEW	1.25	31.90	795	95	68	G
75	3600	460	365TSC	CD75P1FSCR	$9,542	DS-3CEW	1.25	31.90	795	94.1	82	G
	3600	460	365TSC	C75P1FSCR	$11,801	DS-3CE	1.15	30.95	910	93.6	83	03, LA
	1800	460	365TC	CD75P2FCR	$8,958	DS-3CEW	1.25	34.0	795	95.4	84	G
	1800	460	365TSC	CD75P2FSCR	$8,958	DS-3CEW	1.25	31.90	795	95.4	84	G
100	3600	460	405TSC	C100P1FSCR	$16,042	DS-3CE	1.15	37.63	1300	94.1	112	03
	1800	460	405TC	C100P2FCR	$14,022	DS-3CE	1.15	40.63	1300	95.4	113	03
	1800	460	405TSC	C100P2FSCR	$14,022	DS-3CE	1.15	37.63	1300	95.4	113	03
125	3600	460	444TSC	C125P1FSCR	$19,461	DS-3CE	1.15	42.75	1660	95	144	03,12
	1800	460	444TC	C125P2FCR	$16,896	DS-3CE	1.15	46.5	1660	95.4	147	03
	1800	460	444TSC	C125P2FSCR	$16,896	DS-3CE	1.15	42.75	1660	95.4	147	03
150	3600	460	445TSC	C150P1FSCR	$23,468	DS-3CE	1.15	42.75	1750	95	176	03,12
	1800	460	445TC	C150P2FCR	$19,664	DS-3CE	1.15	46.5	1750	95.8	171	03
200	3600	460	447TSC	C200P1FSCR	$29,321	DS-3CE	1.15	46.25	2100	95.4	220	03,12
	1800	460	447TSC	C200P2FSCR	$23,716	DS-3CE	1.15	46.25	2100	96.2	224	03

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 12 Unidirectional Fan – CCW direction facing opposite drive end (FODE)

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 LA Limited Availability