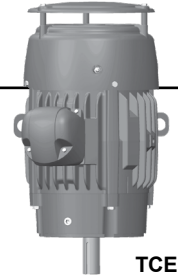


# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®† Premium Efficient – IE3, Vertical C-Face



TEFC

## APPLICATIONS:

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

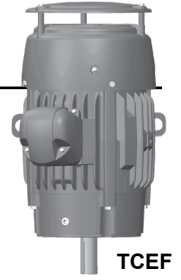
## FEATURES:

- 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 (with "CE" Mark)
- 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)
- 1.15 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

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	NEMA Nom. Eff.	Full Load Amps	Ship Wt. (lbs.)	Notes
1	3600	208-230/460	143TC	C1P1DCR	DS-3CE	80.0	2.9-2.7/1.4	65	03
	1800	208-230/460	145TC	C1P2DCR	DS-3CE	85.5	3.1-3/1.5	65	03
1 1/2	3600	208-230/460	143TC	C32P1DCR	DS-3CE	84.0	4.2-3.9/2	65	03
	1800	208-230/460	145TC	C32P2DCR	DS-3CE	86.5	4.5-4.3/2.1	65	03
2	3600	208-230/460	145TC	C2P1DCR	DS-3CE	86.5	5.5-4.9/2.4	70	03
	1800	208-230/460	145TC	C2P2DCR	DS-3CE	86.5	4-3.8/2	70	03
3	3600	208-230/460	182TC	C3P1DCR	DS-3CE	87.5	8.4-7.8/3.9	100	03
	1800	208-230/460	182TC	C3P2DCR	DS-3CE	89.5	8.4-7.8/3.9	100	03
5	3600	208-230/460	184TC	C5P1DCR	DS-3CE	88.5	13.4-12.2/6.1	110	03
	1800	208-230/460	184TC	C5P2DCR	DS-3CE	89.5	13.7-12.5/6.3	110	03
7 1/2	3600	208-230/460	213TC	C7P1DCR	DS-3CE	91.0	19.9-17.8/8.9	160	03
	1800	208-230/460	213TC	C7P2DCR	DS-3CE	91.7	20.1-18.6/9.3	160	03
10	3600	208-230/460	215TC	C10P1DCR	DS-3CE	91.0	26.4-23.5/11.8	175	03
	1800	208-230/460	215TC	C10P2DCR	DS-3CE	91.7	26.5-23.9/12	175	03
15	3600	208-230/460	254TC	C15P1DCR	DS-3CE	91.0	40-35/17.5	300	03
	1800	208-230/460	254TC	C15P2DCR	DS-3CE	92.4	40-37/18.4	300	03
20	3600	208-230/460	256TC	C20P1DCR	DS-3CE	91.0	53-46/23.1	340	03
	1800	208-230/460	256TC	C20P2DCR	DS-3CE	93.0	52-47-23.5	340	03
25	3600	460	284TSC	C25P1FSCR	DS-3CE	91.7	29.4	380	03
	1800	460	284TC	C25P2FCR	DS-3CE	93.6	29.6	380	03
	1800	460	284TSC	C25P2FSCR	DS-3CE	93.6	29.6	380	03
30	3600	460	286TSC	C30P1FSCR	DS-3CE	91.7	34	410	03
	1800	460	286TC	C30P2FCR	DS-3CE	93.6	34	410	03
	1800	460	286TSC	C30P2FSCR	DS-3CE	93.6	34	410	03
40	3600	460	324TSC	C40P1FSCR	DS-3CE	92.4	46	600	03
	1800	460	324TC	C40P2FCR	DS-3CE	94.1	46	600	03
	1800	460	324TSC	C40P2FSCR	DS-3CE	94.1	46	600	03
50	3600	460	326TSC	C50P1FSCR	DS-3CE	93.0	56	625	03
	1800	460	326TC	C50P2FCR	DS-3CE	94.5	56	625	03
	1800	460	326TSC	C50P2FSCR	DS-3CE	94.5	56	625	03
60	3600	460	364TSC	C60P1FSCR	DS-3CE	93.6	68	750	03
	1800	460	364TC	C60P2FCR	DS-3CE	95.0	69	750	03
	1800	460	364TSC	C60P2FSCR	DS-3CE	95.0	69	750	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

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®+ Premium Efficient – IE3, Vertical C-Face

**NEMA**  
**Premium**


TEFC

(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	NEMA Nom. Eff.	Full Load Amps	Ship Wt. (lbs.)	Notes
75	3600	460	365TSC	C75P1FSCR	DS-3CE	93.6	83	910	03
	1800	460	365TC	C75P2FCR	DS-3CE	95.4	84	910	03
	1800	460	365TSC	C75P2FSCR	DS-3CE	95.4	84	910	03
100	3600	460	405TSC	C100P1FSCR	DS-3CE	94.1	112	1300	03
	1800	460	405TC	C100P2FCR	DS-3CE	95.4	113	1300	03
	1800	460	405TSC	C100P2FSCR	DS-3CE	95.4	113	1300	03
125	3600	460	444TSC	C125P1FSCR	DS-3CE	95.0	144	1660	03,12
	1800	460	444TC	C125P2FCR	DS-3CE	95.4	147	1660	03
	1800	460	444TSC	C125P2FSCR	DS-3CE	95.4	147	1660	03
150	3600	460	445TSC	C150P1FSCR	DS-3CE	95.0	176	1750	03,12
	1800	460	445TC	C150P2FCR	DS-3CE	95.8	171	1750	03
	1800	460	445TSC	C150P2FSCR	DS-3CE	95.8	171	1750	03
200	3600	460	447TSC	C200P1FSCR	DS-3CE	95.4	220	2100	03,12
	1800	460	447TC	C200P2FCR	DS-3CE	96.2	224	2100	03
	1800	460	447TSC	C200P2FSCR	DS-3CE	96.2	224	2100	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)