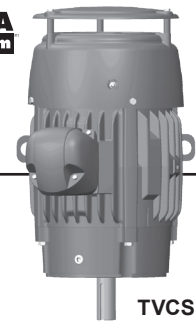


# Vertical Solid Shaft Normal Thrust - "P" Base Three Phase Totally Enclosed Fan Cooled (TEFC), CORRO-DUTY® NEMA®† Premium Efficient

TVCS

## 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
- Type HP Shaft And Shaft/Flange Tolerances per NEMA®† MG1-18.252
- 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)
- Upper Thrust Bearing 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
- **Discount Symbol: DS-7CE**

HP	RPM	Voltage	Frame	Catalog Number	List	Down Thrust (lbs)	Base Dia. (In)	NEMA Nom. Eff.	Full Load Amps	Ship Wt. (lbs.)	Notes
3	3600	208-230/460	182HP	CNT3P1DE	\$1,459	300	10	87.5	8.4-7.8/3.9	165	03
	1800	208-230/460	182HP	CNT3P2DE	\$1,327	420	10	89.5	8.4-7.8/3.9	165	03
5	3600	208-230/460	184HP	CNT5P1DE	\$1,745	300	10	88.5	13.4-12.2/6.1	180	03
	1800	208-230/460	184HP	CNT5P2DE	\$1,489	420	10	89.5	13.7-12.5/6.3	180	03
7 1/2	3600	208-230/460	213HP	CNT7P1DE	\$2,165	460	10	91.0	19.9-17.8/8.9	220	03
	1800	208-230/460	213HP	CNT7P2DE	\$1,997	635	10	91.7	20.0-18.5/9.3	220	03
10	3600	208-230/460	215HP	CNT10P1DE	\$2,465	460	10	91.0	26.4-23.5/11.8	230	03
	1800	208-230/460	215HP	CNT10P2DE	\$2,326	635	10	91.7	26.5-23.9/12.0	230	03
15	3600	208-230/460	254HP	CNT15P1DE	\$3,140	800	10	91.0	40.0-35.0/17.5	395	03
	1800	208-230/460	254HP	CNT15P2DE	\$2,875	1110	10	92.4	40.0-37.0/18.4	395	03
20	3600	208-230/460	256HP	CNT20P1DE	\$3,770	800	10	91.0	53.0-46.0/23.1	405	03
	1800	208-230/460	256HP	CNT20P2DE	\$3,427	1110	10	93.0	52.0-47.0/23.5	405	03
25	3600	460	284HP	CNT25P1FE	\$4,696	940	10	91.7	29.4	500	03
	1800	460	284HP	CNT25P2FE	\$4,212	1295	10	93.6	29.1	500	03
30	3600	460	286HP	CNT30P1FE	\$5,369	940	10	91.7	34	520	03
	1800	460	286HP	CNT30P2FE	\$4,780	1295	10	93.6	34	520	03
40	3600	460	324HP	CNT40P1FG	\$6,698	1090	16-1/2	92.4	46	740	03
	1800	460	324HP	CNT40P2FG	\$6,020	1395	16-1/2	94.1	46	740	03
50	3600	460	326HP	CNT50P1FG	\$8,320	1090	16-1/2	93.0	56	750	03
	1800	460	326HP	CNT50P2FG	\$7,154	1395	16-1/2	94.5	56	750	03
60	3600	460	364HP	CNT60P1FG	\$11,077	1360	16-1/2	93.6	68	925	03
	1800	460	364HP	CNT60P2FG	\$10,294	1800	16-1/2	95.0	69	925	03
75	3600	460	365HP	CNT75P1FG	\$13,571	1360	16-1/2	93.6	83	940	03
	1800	460	365HP	CNT75P2FG	\$12,667	1800	16-1/2	95.4	84	940	03
100	3600	460	405HP	CNT100P1FG	\$18,448	1825	16-1/2	94.5	112	1600	03
	1800	460	405HP	CNT100P2FG	\$16,125	2300	16-1/2	95.4	113	1600	03
125	3600	460	444HP	CNT125P1FG	\$22,380	1210	16-1/2	95.8	142	1900	03
	1800	460	444HP	CNT125P2FG	\$19,430	1530	16-1/2	95.4	147	1900	03
150	3600	460	445HP	CNT150P1FG	\$26,988	1210	16-1/2	95.8	171	2000	03
	1800	460	445HP	CNT150P2FG	\$22,614	1530	16-1/2	95.8	171	2000	03
200	3600	460	447HP	CNT200P1FG	\$33,720	1210	16-1/2	96.2	217	2300	03
	1800	460	447HP	CNT200P2FG	\$27,273	1530	16-1/2	96.2	224	2300	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