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
- 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 180 Frame & Up, Lifting Provisions 180 Frame & Up
- 40°C Ambient, NEMA®† Design B Performance On 60 Hertz Sine Wave Power
- 50 Hz. rated at 200/400V (140-280 Frame) or 380V (320 Frame & Larger)
- Special Balance (< 0.08 In/Sec Vibration)
- Upper Thrust Bearing Open Bearings 180-447
- Steel Canopy Cap/Drip Cover
- 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	230/460	182HP	CNT3P1EE	$1,459	350	10	86.5	8.2/4.1	110	G
	1800	230/460	182HP	CNT3P2EE	$1,327	420	10	89.5	7.7/3.9	130	G
5	3600	230/460	184HP	CNT5P1EE	$1,745	350	10	88.5	12.3/6.1	120	G
	1800	230/460	184HP	CNT5P2EE	$1,489	420	10	89.5	12.7/6.3	130	G
7 1/2	3600	230/460	213HP	CNT7P1EE	$2,165	520	10	89.5	18.5/9.2	170	G
	1800	230/460	213HP	CNT7P2EE	$1,997	640	10	91.7	19.3/9.6	200	G
	1800	230/460	213HP	CNT7P2DE	$1,997	635	10	91.7	18.5/9.3	220	03, LA
10	3600	230/460	215HP	CNT10P1EE	$2,465	520	10	90.2	23.6/11.8	190	G
	1800	230/460	215HP	CNT10P2EE	$2,326	640	10	91.7	25.7/12.8	210	G
	1800	230/460	215HP	CNT10P2DE	$2,326	635	10	91.7	23.9/12.0	230	03, LA
15	3600	230/460	254HP	CNT15P1EE	$3,140	900	10	91.0	35.0/17.5	260	G
	1800	230/460	254HP	CNT15P2EE	$2,875	1110	10	92.4	36.0/18.0	290	G
20	3600	230/460	256HP	CNT20P1EE	$3,770	900	10	91.0	46.0/22.9	300	G
	1800	230/460	256HP	CNT20P2EE	$3,427	1110	10	93.0	47.0/23.7	320	G
25	3600	230/460	284HP	CNT25P1EE	$4,696	1050	10	91.7	58.0/28.8	380	G
	1800	230/460	284HP	CNT25P2EE	$4,212	1380	10	93.6	58.0/29.2	400	G
30	3600	230/460	286HP	CNT30P1EE	$5,369	1050	10	91.7	69.0/35.0	380	G
	1800	230/460	286HP	CNT30P2EE	$4,780	1380	10	93.6	70.0/35.0	420	G
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

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