

Vertical Solid Shaft Normal Thrust - "P" Base Three Phase, WPI, Premium Efficient

APPLICATIONS:

For use on vertical end suction, short couple pumps, centrifugal and non-clog pumps.

FEATURES:

- 30HP & Below can be Rerated for 208/415 Volt, 50 Hertz Operation at 1.0 Service Factor
- Class F Insulation, Class B Rise at Full Load
- 40°C Ambient, NEMA[†] Design B Performance
- 230/460 Volt Motors Suitable for 230 Volt Part Winding Start
- Refer to Page ii-iv for Suitability of IHP Motors on Variable Frequency Drives
- 1.15 Service Factor (Sine Wave), 40°C Ambient
- Corrosion Resistant Mill & Chemical Duty Paint
- Discount Symbol: DS-7NS

HP	RPM	Voltage	Frame	Catalog Number	Type	List	NEMA Nom. Eff.	Down Thrust (lbs.)	Base Dia. (in.)	Ship Wt. (lbs.)	Notes
3	1800	230/460	182VP	NO3P2BE	AVS	\$1,716	89.5	390	10	150	
5	1800	230/460	184VP	NO5P2BE	AVS	\$2,638	89.5	490	10	170	
7-1/2	1800	230/460	213VP	NO7P2BE	AVS	\$3,070	91.0	560	10	210	
10	1800	230/460	215VP	NO10P2BE	AVS	\$3,448	91.7	640	10	220	
15	1800	230/460	254VP	NO15P2BE	AVS	\$3,966	93.0	640	10	265	
20	1800	230/460	256VP	NO20P2BE	AVS	\$4,526	93.0	640	10	300	
25	1800	230/460	284VPZ	NO25P2BE	AVS	\$4,851	93.6	640	10	305	
30	1800	230/460	286VPZ	NO30P2BE	AVS	\$5,455	94.1	640	10	325	
40	1800	230/460	324VP	NO40P2BG	RVS	\$5,793	94.1	640	16-1/2	635	
50	1800	230/460	326VP	NO50P2BG	RVS	\$6,873	94.5	640	16-1/2	675	
100	1800	230/460	404VPZ	NO100P2BG	RVS	\$11,700	95.4	720	16-1/2	1110	
125	1800	230/460	405VPZ	NO125P2BG	RVS	\$14,134	95.4	720	16-1/2	1200	



Vertical Solid Shaft Normal Thrust P Base, Normal Thrust, Three Phase Totally Enclosed Fan Cooled (TEFC), CORRO-DUTY® NEMA®† Premium Efficient - IE3

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
- 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 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	284HP	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

† All marks shown within this document are properties of their respective owners.



Vertical C-Face, Three Phase, Normal Thrust, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®† Premium Efficient - IE3

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 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-3CE

HP	RPM	Voltage	Frame	Catalog Number	List	NEMA Nom. Eff.	Full Load Amps	Ship Wt. (lbs.)	Notes
1	3600	208-230/460	143TC	C1P1DCR	\$818	80.0	2.9-2.7/1.4	65	03
	1800	208-230/460	145TC	C1P2DCR	\$796	85.5	3.1-3/1.5	65	03
1 1/2	3600	208-230/460	143TC	C32P1DCR	\$891	84.0	4.2-3.9/2	65	03
	1800	208-230/460	145TC	C32P2DCR	\$866	86.5	4.5-4.3/2.1	65	03
2	3600	208-230/460	145TC	C2P1DCR	\$1,013	86.5	5.5-4.9/2.4	70	03
	1800	208-230/460	145TC	C2P2DCR	\$926	86.5	4-3.8/2	70	03
3	3600	208-230/460	182TC	C3P1DCR	\$1,122	87.5	8.4-7.8/3.9	100	03
	1800	208-230/460	182TC	C3P2DCR	\$1,021	89.5	8.4-7.8/3.9	100	03
5	3600	208-230/460	184TC	C5P1DCR	\$1,342	88.5	13.4-12.2/6.1	110	03
	1800	208-230/460	184TC	C5P2DCR	\$1,145	89.5	13.7-12.5/6.3	110	03
7 1/2	3600	208-230/460	213TC	C7P1DCR	\$1,665	91.0	19.9-17.8/8.9	160	03
	1800	208-230/460	213TC	C7P2DCR	\$1,536	91.7	20.1-18.6/9.3	160	03
10	3600	208-230/460	215TC	C10P1DCR	\$1,896	91.0	26.4-23.5/11.8	175	03
	1800	208-230/460	215TC	C10P2DCR	\$1,789	91.7	26.5-23.9/12	175	03
15	3600	208-230/460	254TC	C15P1DCR	\$2,617	91.0	40-35/17.5	300	03
	1800	208-230/460	254TC	C15P2DCR	\$2,396	92.4	40-37/18.4	300	03
20	3600	208-230/460	256TC	C20P1DCR	\$3,141	91.0	53-46/23.1	340	03
	1800	208-230/460	256TC	C20P2DCR	\$2,856	93.0	52-47-23.5	340	03
25	3600	460	284TSC	C25P1FSCR	\$3,913	91.7	29.4	380	03
	1800	460	284TC	C25P2FCR	\$3,510	93.6	29.6	380	03
	1800	460	284TSC	C25P2FSCR	\$3,510	93.6	29.6	380	03
30	3600	460	286TSC	C30P1FSCR	\$4,474	91.7	34	410	03
	1800	460	286TC	C30P2FCR	\$3,983	93.6	34	410	03
	1800	460	286TSC	C30P2FSCR	\$3,983	93.6	34	410	03
40	3600	460	324TSC	C40P1FSCR	\$5,824	92.4	46	600	03
	1800	460	324TC	C40P2FCR	\$5,234	94.1	46	600	03
	1800	460	324TSC	C40P2FSCR	\$5,234	94.1	46	600	03
50	3600	460	326TSC	C50P1FSCR	\$7,235	93.0	56	625	03
	1800	460	326TC	C50P2FCR	\$6,221	94.5	56	625	03
	1800	460	326TSC	C50P2FSCR	\$6,221	94.5	56	625	03
60	3600	460	364TSC	C60P1FSCR	\$9,632	93.6	68	750	03
	1800	460	364TC	C60P2FCR	\$8,912	95.0	69	750	03
	1800	460	364TSC	C60P2FSCR	\$8,912	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

† All marks shown within this document are properties of their respective owners.

Revised — April 2019

Vertical C-Face, Three Phase, Normal Thrust, Totally Enclosed Fan Cooled (TEFC) CORRO-DUTY® NEMA®† Premium Efficient - IE3 *(continued)*

HP	RPM	Voltage	Frame	Catalog Number	List	NEMA Nom. Eff.	Full Load Amps	Ship Wt. (lbs.)	Notes
75	3600	460	365TSC	C75P1FSCR	\$11,801	93.6	83	910	03
	1800	460	365TC	C75P2FCR	\$11,015	95.4	84	910	03
	1800	460	365TSC	C75P2FSCR	\$11,015	95.4	84	910	03
100	3600	460	405TSC	C100P1FSCR	\$16,042	94.1	112	1300	03
	1800	460	405TC	C100P2FCR	\$14,022	95.4	113	1300	03
	1800	460	405TSC	C100P2FSCR	\$14,022	95.4	113	1300	03
125	3600	460	444TSC	C125P1FSCR	\$19,461	95.0	144	1660	03
	1800	460	444TC	C125P2FCR	\$16,896	95.4	147	1660	03
	1800	460	444TSC	C125P2FSCR	\$16,896	95.4	147	1660	03
150	3600	460	445TSC	C150P1FSCR	\$23,468	95.0	176	1750	03
	1800	460	445TC	C150P2FCR	\$19,664	95.8	171	1750	03
	1800	460	445TSC	C150P2FSCR	\$19,664	95.8	171	1750	03
200	3600	460	447TSC	C200P1FSCR	\$29,321	95.4	220	2100	03
	1800	460	447TC	C200P2FCR	\$23,716	96.2	224	2100	03
	1800	460	447TSC	C200P2FSCR	\$23,716	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

† All marks shown within this document are properties of their respective owners.

