

Three Phase Modifiable Motors
Vertical Solid Shaft
Normal Thrust - "P" Base
Hazardous Location
10 Pole, 720 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * UL Listed Division 1, Class 1, Group D
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460, 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
7.5	1700	286HP*	\$7,624	LV	286HP*	\$9,274	LVS	7NM
10	1900	324HP	\$8,385	LV	324HP	\$9,953	LVS	7NM
15	2500	364HP	\$11,535	LV	364HP	\$13,265	LVS	7NM
20	2500	364HP*	\$13,763	LV	364HP*	\$15,741	LVS	7NM
25	2500	365HP*	\$16,145	LV	365HP*	\$18,619	LVS	7NM
30	3200	405HP*	\$18,615	LV	405HP*	\$21,456	LVS	7NM
40	3200	405HP*	\$23,097	LV	405HP*	\$26,867	LVS	7NM
50	2200	444HP	\$27,260	LV	444HP	\$31,650	LVS	7NM
60	2200	444HP	\$32,631	LV	444HP	\$38,136	LVS	7NM
75	2200	447HP	\$38,612	LV	447HP	\$45,162	LVS	7NM
100	2200	5008P	\$71,355	EV	5008P	\$80,033	EVE	8VM
125	2200	5008P	\$74,059	EV	5008P	\$83,144	EVE	8VM
150	2200	5008P	\$93,975	EV	5008P	\$106,045	EVE	8VM
200	2200	5807P	\$129,368	EV	5807P	\$145,782	EVE	8VM
250	2200	5809P	\$149,343	EV	5809P	\$167,960	EVE	8VM
300	2200	5809P	\$159,449	EV	5809P	\$179,580	EVE	8VM
350	2200	5811P	\$181,711	EV	5811P	\$204,676	EVE	8VM
400	2200	5811P	\$204,901	EV	5811P	\$231,345	EVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

**Alternate C-Face and D-Flange Options Available on 449 and 5800 Frames

See Page M-84 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
Normal Thrust - "P" Base
Hazardous Location
12 Pole, 600 RPM

VSS-NT

Hazardous Location
600 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * UL Listed Division 1, Class 1, Group D
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
20	2500	365HP*	\$25,394	LV	365HP*	\$29,713	LVS	7NM
25	3200	404HP*	\$30,094	LV	404HP*	\$35,298	LVS	7NM
30	3200	405HP*	\$34,584	LV	405HP*	\$40,495	LVS	7NM
40	2200	444HP	\$43,285	LV	444HP	\$50,855	LVS	7NM
50	2200	447HP	\$46,371	LV	447HP	\$54,530	LVS	7NM
60	2200	447HP	\$49,800	LV	447HP	\$58,673	LVS	7NM
75	2200	5008P	\$73,883	EV	5008P	\$82,942	EVE	8VM
100	2200	5008P	\$89,780	EV	5008P	\$101,223	EVE	8VM
125	2200	5008P	\$105,667	EV	5008P	\$119,493	EVE	8VM
150	2200	5807P	\$125,899	EV	5807P	\$141,791	EVE	8VM
200	2200	5809P	\$159,773	EV	5809P	\$179,953	EVE	8VM
250	2200	5811P	\$166,328	EV	5811P	\$186,986	EVE	8VM
300	2200	5811P	\$189,666	EV	5811P	\$213,824	EVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 standard

* Alternate "Z" Option Available for Shaft. See Dimension Pages for Detail

**Alternate C-Face and D-Flange Options Available on 449 and 5800 Frames

See Page M-84 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
Normal Thrust - "P" Base
Hazardous Location
14 Pole, 514 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * UL Listed Division 1, Class 1, Group D
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460, 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
20	3200	404HP	\$29,211	LV	404HP	\$34,178	LVS	7NM
25	3200	404HP	\$35,178	LV	404HP	\$41,162	LVS	7NM
30	2200	447HP	\$39,796	LV	447HP	\$46,591	LVS	7NM
40	2200	5008P	\$60,916	EV	5008P	\$68,029	EVE	8VM
50	2200	5008P	\$64,625	EV	5008P	\$72,294	EVE	8VM
60	2200	5008P	\$69,085	EV	5008P	\$77,423	EVE	8VM
75	2200	5008P	\$92,503	EV	5008P	\$104,352	EVE	8VM
100	2200	5807P	\$121,244	EV	5807P	\$136,439	EVE	8VM
125	2200	5807P	\$139,145	EV	5807P	\$157,023	EVE	8VM
150	2200	5809P	\$160,855	EV	5809P	\$181,197	EVE	8VM
200	2200	5811P	\$202,354	EV	5811P	\$228,415	EVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

**Alternate C-Face and D-Flange Options Available on 449 and 5800 Frames

See Page M-84 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft / Corro-Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
2 Pole, 3600 RPM

VSS-NT
TEFC
3600 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (140-447 Frames), 1.00 Service Factor 449 frames and larger (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460, 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type	
1	220	---	---	---	143HP	\$1,400	TVCE	143HP	\$1,431	TVCS	7CME
1.5	220	---	---	---	143HP	\$1,400	TVCE	143HP	\$1,431	TVCS	7CME
2	300	---	---	---	145HP	\$1,549	TVCE	145HP	\$1,584	TVCS	7CME
3	350	---	---	---	182HP	\$1,825	TVCE	182HP	\$1,916	TVCS	7CME
5	350	---	---	---	184HP	\$2,091	TVCE	184HP	\$2,196	TVCS	7CME
7.5	520	---	---	---	213HP	\$2,292	TVCE	213HP	\$2,402	TVCS	7CME
10	520	---	---	---	215HP	\$2,555	TVCE	215HP	\$2,677	TVCS	7CME
15	900	---	---	---	254HP	\$3,247	TVCE	254HP	\$3,402	TVCS	7CME
20	900	---	---	---	256HP	\$3,814	TVCE	256HP	\$3,996	TVCS	7CME
25	1050	---	---	---	284HP*	\$4,758	TVCE	284HP*	\$4,986	TVCS	7CME
30	1050	---	---	---	286HP*	\$5,382	TVCE	286HP*	\$5,640	TVCS	7CME
40	1090	---	---	---	324HP	\$6,476	TVCE	324HP	\$7,042	TVCS	7CME
50	1090	---	---	---	326HP	\$7,935	TVCE	326HP	\$8,664	TVCS	7CME
60	1360	---	---	---	364HP*	\$10,551	TVCE	364HP*	\$11,523	TVCS	7CME
75	1360	---	---	---	365HP*	\$12,796	TVCE	365HP*	\$14,017	TVCS	7CME
100	1825	---	---	---	405HP*	\$17,199	TVCE	405HP*	\$18,834	TVCS	7CME
125	1210	---	---	---	444HP	\$20,798	TVCE	444HP	\$22,795	TVCS	7CME
150	1210	---	---	---	445HP	\$24,945	TVCE	445HP	\$27,403	TVCS	7CME
200	1210	---	---	---	447HP	\$30,878	TVCE	447HP	\$33,985	TVCS	7CME
250	1210	449VP	\$58,542	JV	449VP	\$59,587	JV	449VP	\$62,723	JVE	8VM
300	1210	449VP	\$74,094	JV	449VP	\$80,949	JV	449VP	\$85,209	JVE	8VM
350	1210	449VP	\$89,134	JV	449VP	\$97,099	JV	449VP	\$102,209	JVE	8VM
400	1210	5807P	\$107,080	JV	5807P	\$116,986	JV	5807P	\$123,143	JVE	8VM
450	1210	5809P	\$115,319	JV	5809P	\$125,986	JV	5809P	\$132,617	JVE	8VM
500	1210	5811P	\$128,134	JV	5811P	\$139,986	JV	5811P	\$147,354	JVE	8VM
600	1210	5811P	\$153,763	JV	---	---	---	5811P	\$176,826	JVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

**Alternate C-Face and D-Flange Options Available on 449 and 5800 Frames

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)

See Page M-84 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft / Corro-Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
4 Pole, 1800 RPM

VSS-NT
TEFC
1800 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (140-447 Frames), 1.00 Service Factor 449 frames and larger (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type	
1	300	---	---	---	143HP	\$1,295	TVCE	143HP	\$1,322	TVCS	7CME
1.5	300	---	---	---	145HP	\$1,368	TVCE	145HP	\$1,398	TVCS	7CME
2	300	---	---	---	145HP	\$1,443	TVCE	145HP	\$1,474	TVCS	7CME
3	420	---	---	---	182HP	\$1,704	TVCE	182HP	\$1,790	TVCS	7CME
5	420	---	---	---	184HP	\$1,854	TVCE	184HP	\$1,947	TVCS	7CME
7.5	640	---	---	---	213HP	\$2,145	TVCE	213HP	\$2,248	TVCS	7CME
10	640	---	---	---	215HP	\$2,435	TVCE	215HP	\$2,551	TVCS	7CME
15	1110	---	---	---	254HP	\$3,007	TVCE	254HP	\$3,151	TVCS	7CME
20	1110	---	---	---	256HP	\$3,505	TVCE	256HP	\$3,673	TVCS	7CME
25	1380	---	---	---	284HP*	\$4,310	TVCE	284HP*	\$4,516	TVCS	7CME
30	1380	---	---	---	286HP*	\$4,836	TVCE	286HP*	\$5,067	TVCS	7CME
40	1395	---	---	---	324HP	\$5,865	TVCE	324HP	\$6,363	TVCS	7CME
50	1395	---	---	---	326HP	\$6,886	TVCE	326HP	\$7,498	TVCS	7CME
60	1800	---	---	---	364HP*	\$9,806	TVCE	364HP*	\$10,695	TVCS	7CME
75	1800	---	---	---	365HP*	\$11,981	TVCE	365HP*	\$13,113	TVCS	7CME
100	2300	---	---	---	405HP*	\$15,020	TVCE	405HP*	\$16,414	TVCS	7CME
125	1530	---	---	---	444HP	\$18,143	TVCE	444HP	\$19,845	TVCS	7CME
150	1530	---	---	---	445HP	\$21,008	TVCE	445HP	\$23,029	TVCS	7CME
200	1530	---	---	---	447HP	\$25,077	TVCE	447HP	\$27,539	TVCS	7CME
250	1530	449VP	\$46,838	JV	449VP	\$51,169	JV	449VP	\$53,862	JVE	8VM
300	1530	449VP	\$56,197	JV	449VP	\$61,396	JV	449VP	\$64,627	JVE	8VM
350	1530	449VP	\$66,383	JV	449VP	\$72,521	JV	449VP	\$76,338	JVE	8VM
400	1530	5807P	\$75,176	JV	5807P	\$82,130	JV	5807P	\$86,453	JVE	8VM
450	1530	5807P	\$84,472	JV	5807P	\$92,286	JV	5807P	\$97,143	JVE	8VM
500	1530	5809P	\$93,512	JV	5809P	\$102,161	JV	5809P	\$107,538	JVE	8VM
600	1530	5811P	\$135,934	JV	---	---	---	5811P	\$156,324	JVE	8VM
700	1530	5812VP	\$155,250	JV	---	---	---	5812VP	\$178,538	JVE	8VM
800	1530	5812VP	\$176,440	JV	---	---	---	5812VP	\$202,906	JVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 standard

* Alternate "Z" Option Available for Shaft. See Dimension Pages for Detail

**Alternate C-Face and D-Flange Options Available on 449 and 5811 Frames

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Corro-Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
6 Pole, 1200 RPM

VSS-NT
TEFC
1200 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (140-447 Frames), 1.00 Service Factor 449 frames and larger (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460, 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type	
1	360	---	---	---	145HP	\$1,542	TVCE	145HP	\$1,587	TVCS	7CME
1.5	500	---	---	---	182HP	\$1,805	TVCE	182HP	\$1,895	TVCS	7CME
2	500	---	---	---	184HP	\$1,921	TVCE	184HP	\$2,017	TVCS	7CME
3	780	---	---	---	213HP	\$2,090	TVCE	213HP	\$2,190	TVCS	7CME
5	780	---	---	---	215HP	\$2,669	TVCE	215HP	\$2,797	TVCS	7CME
7.5	1350	---	---	---	254HP	\$3,490	TVCE	254HP	\$3,657	TVCS	7CME
10	1350	---	---	---	256HP	\$4,022	TVCE	256HP	\$4,214	TVCS	7CME
15	1570	---	---	---	284HP*	\$5,111	TVCE	284HP*	\$5,356	TVCS	7CME
20	1570	---	---	---	286HP*	\$5,949	TVCE	286HP*	\$6,233	TVCS	7CME
25	1750	---	---	---	324HP	\$6,989	TVCE	324HP	\$7,605	TVCS	7CME
30	1750	---	---	---	326HP	\$7,987	TVCE	326HP	\$8,714	TVCS	7CME
40	2200	---	---	---	364HP*	\$10,250	TVCE	364HP*	\$11,188	TVCS	7CME
50	2200	---	---	---	365HP*	\$11,536	TVCE	365HP*	\$12,616	TVCS	7CME
60	2825	---	---	---	404HP*	\$13,942	TVCE	404HP*	\$15,217	TVCS	7CME
75	2825	---	---	---	405HP*	\$15,996	TVCE	405HP*	\$17,498	TVCS	7CME
100	1930	---	---	---	444HP	\$21,330	TVCE	444HP	\$23,389	TVCS	7CME
125	1930	---	---	---	445HP	\$23,599	TVCE	445HP	\$25,909	TVCS	7CME
150	1930	---	---	---	447HP	\$26,784	TVCE	447HP	\$29,435	TVCS	7CME
200	1930	449VP	\$64,655	JV	449VP	\$70,634	JV	449VP	\$74,352	JVE	8VM
250	1930	449VP	\$68,324	JV	449VP	\$74,646	JV	449VP	\$78,575	JVE	8VM
300	1930	449VP	\$81,106	JV	449VP	\$88,608	JV	449VP	\$93,272	JVE	8VM
350	1930	5807P	\$94,498	JV	5807P	\$103,240	JV	5807P	\$108,674	JVE	8VM
400	1930	5807P	\$109,087	JV	5807P	\$119,180	JV	5807P	\$125,453	JVE	8VM
450	1930	5809P	\$121,573	JV	5809P	\$132,820	JV	5809P	\$139,810	JVE	8VM
500	1930	5809P	\$135,080	JV	5809P	\$147,573	JV	5809P	\$155,340	JVE	8VM
600	1930	5811P	\$162,096	JV	---	---	---	5811P	\$186,408	JVE	8VM
700	1930	5812VP	\$203,117	JV	---	---	---	5812VP	\$233,585	JVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

**Alternate C-Face and D-Flange Options Available on 449 and 5811 Frames

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431

Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Corro-Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
8 Pole, 900 RPM

VSS-NT
TEFC
900 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (140-447 Frames), 1.00 Service Factor 449 frames and larger (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type	
1	570	---	---	---	182HP	\$2,210	TVCE	182HP	\$2,321	TVCS	7CME
1.5	570	---	---	---	184HP	\$2,368	TVCE	184HP	\$2,486	TVCS	7CME
2	860	---	---	---	213HP	\$2,427	TVCE	213HP	\$2,543	TVCS	7CME
3	860	---	---	---	215HP	\$2,826	TVCE	215HP	\$2,962	TVCS	7CME
5	1540	---	---	---	254HP	\$3,905	TVCE	254HP	\$4,091	TVCS	7CME
7.5	1540	---	---	---	256HP	\$4,894	TVCE	256HP	\$5,129	TVCS	7CME
10	1740	---	---	---	284HP*	\$6,005	TVCE	284HP*	\$6,293	TVCS	7CME
15	1740	---	---	---	286HP*	\$7,025	TVCE	286HP*	\$7,361	TVCS	7CME
20	1945	---	---	---	324HP	\$8,194	TVCE	324HP	\$8,945	TVCS	7CME
25	1945	---	---	---	326HP	\$9,442	TVCE	326HP	\$10,330	TVCS	7CME
30	2515	---	---	---	364HP*	\$11,090	TVCE	364HP*	\$12,113	TVCS	7CME
40	2515	---	---	---	365HP*	\$12,735	TVCE	365HP*	\$13,949	TVCS	7CME
50	3230	---	---	---	404HP*	\$16,535	TVCE	404HP*	\$18,097	TVCS	7CME
60	3230	---	---	---	405HP*	\$18,700	TVCE	405HP*	\$20,504	TVCS	7CME
75	2240	---	---	---	444HP	\$20,466	TVCE	444HP	\$22,426	TVCS	7CME
100	2240	---	---	---	445HP	\$27,759	TVCE	445HP	\$30,530	TVCS	7CME
125	2240	---	---	---	447HP	\$30,143	TVCE	447HP	\$33,168	TVCS	7CME
150	2240	---	---	---	449VP	\$70,436	JV	449VP	\$74,143	JVE	8VM
200	2240	---	---	---	449VP	\$81,887	JV	449VP	\$86,197	JVE	8VM
250	2240	449VP	\$84,164	JV	449VP	\$91,950	JV	449VP	\$96,789	JVE	8VM
300	2240	5807P	\$100,056	JV	5807P	\$109,313	JV	5807P	\$115,066	JVE	8VM
350	2240	5807P	\$116,854	JV	5807P	\$127,664	JV	5807P	\$134,383	JVE	8VM
400	2240	5809P	\$133,552	JV	5809P	\$145,906	JV	5809P	\$153,585	JVE	8VM
450	2240	5809P	\$147,359	JV	5809P	\$160,989	JV	5809P	\$169,462	JVE	8VM
500	2240	5811P	\$166,946	JV	5811P	\$182,389	JV	5811P	\$191,988	JVE	8VM
600	2240	5812VP	\$188,641	JV	---	---	---	5812VP	\$216,937	JVE	8VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 standard

* Alternate "Z" Option Available for Shaft. See Dimension Pages for Detail

**Alternate C-Face and D-Flange Options Available on 449 and 5811 Frames

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Corro-Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
10 Pole, 720 RPM

VSS-NT
TEFC
720 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (140-447 Frames), 1.00 Service Factor 449 frames and larger (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	900	213HP	\$2,823	TVC	213HP	\$3,137	TVCS	7CME
1.5	900	213HP	\$3,023	TVC	213HP	\$3,359	TVCS	7CME
2	900	215HP	\$3,090	TVC	215HP	\$3,433	TVCS	7CME
3	1600	254HP	\$3,599	TVC	254HP	\$3,999	TVCS	7CME
5	1600	256HP	\$4,972	TVC	256HP	\$5,524	TVCS	7CME
7.5	1825	284HP*	\$6,233	TVC	284HP*	\$6,925	TVCS	7CME
10	1825	324HP	\$7,756	TVC	324HP	\$8,618	TVCS	7CME
15	2040	326HP	\$9,102	TVC	326HP	\$10,113	TVCS	7CME
20	2040	364HP*	\$10,868	TVC	364HP*	\$12,075	TVCS	7CME
25	2630	365HP*	\$12,551	TVC	365HP*	\$13,946	TVCS	7CME
30	2630	405HP*	\$14,717	TVC	405HP*	\$16,352	TVCS	7CME
40	3375	405HP*	\$16,949	TVC	405HP*	\$18,832	TVCS	7CME
50	3375	445HP	\$21,989	TVC	445HP	\$24,432	TVCS	7CME
60	2350	445HP	\$24,911	TVC	445HP	\$27,679	TVCS	7CME
75	2350	447HP	\$27,248	TVC	447HP	\$30,276	TVCS	7CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 standard

* Alternate "Z" Option Available for Shaft. See Dimension Pages for Detail

**Alternate C-Face and D-Flange Options Available on 449 and 5811 Frames

See Page M-84 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical C-Face
Corro-Duty
Totally Enclosed Fan Cooled (TEFC)
2 Pole, 3600 RPM

C-FACE
TEFC
3600 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft (280 Frame & Larger) and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	143TC	\$1,012	FTCF	3FCM	143TC	\$1,077	TCEF	3CME
1.5	143TC	\$1,012	FTCF	3FCM	143TC	\$1,077	TCEF	3CME
2	145TC	\$1,122	FTCF	3FCM	145TC	\$1,199	TCEF	3CME
3	182TC	\$1,354	FTCF	3FCM	182TC	\$1,441	TCEF	3CME
5	184TC	\$1,552	FTCF	3FCM	184TC	\$1,661	TCEF	3CME
7.5	213TC	\$1,796	FTCF	3FCM	213TC	\$1,931	TCEF	3CME
10	215TC	\$2,004	FTCF	3FCM	215TC	\$2,162	TCEF	3CME
15	254TC	\$2,705	FTCF	3FCM	254TC	\$2,925	TCEF	3CME
20	256TC	\$3,177	FTCF	3FCM	256TC	\$3,449	TCEF	3CME
25	284TSC	\$3,882	FTCF	3FCM	284TSC	\$4,207	TCEF	3CME
30	286TSC	\$4,387	FTCF	3FCM	286TSC	\$4,768	TCEF	3CME
40	324TSC	\$5,631	FTCF	3FCM	324TSC	\$6,123	TCEF	3CME
50	326TSC	\$6,901	FTCF	3FCM	326TSC	\$7,534	TCEF	3CME
60	364TSC	\$9,175	FTCF	3FCM	364TSC	\$10,020	TCEF	3CME
75	365TSC	\$11,127	FTCF	3FCM	365TSC	\$12,189	TCEF	3CME
100	405TSC	\$14,955	FTCF	3FCM	405TSC	\$16,378	TCEF	3CME
125	444TSC	\$18,085	FTCF	3FCM	444TSC	\$19,822	TCEF	3CME
150	445TSC	\$21,691	FTCF	3FCM	445TSC	\$23,829	TCEF	3CME
200	447TSC	\$26,850	FTCF	3FCM	447TSC	\$29,552	TCEF	3CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



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

Three Phase Modifiable Motors
Vertical C-Face
Corro-Duty
Totally Enclosed Fan Cooled (TEFC)
4 Pole, 1800 RPM

C-FACE
TEFC
1800 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft (280 Frame & Larger) and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	143TC	\$935	FTCF	3FCM	143TC	\$991	TCEF	3CME
1.5	143TC	\$990	FTCF	3FCM	143TC	\$1,052	TCEF	3CME
2	145TC	\$1,044	FTCF	3FCM	145TC	\$1,112	TCEF	3CME
3	182TC	\$1,263	FTCF	3FCM	182TC	\$1,340	TCEF	3CME
5	184TC	\$1,375	FTCF	3FCM	184TC	\$1,464	TCEF	3CME
7.5	213TC	\$1,680	FTCF	3FCM	213TC	\$1,802	TCEF	3CME
10	215TC	\$1,908	FTCF	3FCM	215TC	\$2,055	TCEF	3CME
15	254TC	\$2,506	FTCF	3FCM	254TC	\$2,704	TCEF	3CME
20	256TC	\$2,920	FTCF	3FCM	256TC	\$3,164	TCEF	3CME
25	284TC	\$3,520	FTCF	3FCM	284TC	\$3,804	TCEF	3CME
30	286TC	\$3,945	FTCF	3FCM	286TC	\$4,277	TCEF	3CME
40	324TC	\$5,100	FTCF	3FCM	324TC	\$5,533	TCEF	3CME
50	326TC	\$5,988	FTCF	3FCM	326TC	\$6,520	TCEF	3CME
60	364TC	\$8,527	FTCF	3FCM	364TC	\$9,300	TCEF	3CME
75	365TC	\$10,419	FTCF	3FCM	365TC	\$11,403	TCEF	3CME
100	405TC	\$13,061	FTCF	3FCM	405TC	\$14,273	TCEF	3CME
125	444TC	\$15,776	FTCF	3FCM	444TC	\$17,257	TCEF	3CME
150	445TC	\$18,268	FTCF	3FCM	445TC	\$20,025	TCEF	3CME
200	447TC	\$21,806	FTCF	3FCM	447TC	\$23,947	TCEF	3CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical C-Face
Corro-Duty
Totally Enclosed Fan Cooled (TEFC)
6 Pole, 1200 RPM

C-FACE
TEFC
1200 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction (140-447 Frame)
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft (280 Frame & Larger) and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	145TC	\$1,117	FTCF	3FCM	145TC	\$1,193	TCEF	3CME
1.5	182TC	\$1,338	FTCF	3FCM	182TC	\$1,423	TCEF	3CME
2	184TC	\$1,425	FTCF	3FCM	184TC	\$1,519	TCEF	3CME
3	213TC	\$1,637	FTCF	3FCM	213TC	\$1,754	TCEF	3CME
5	215TC	\$2,092	FTCF	3FCM	215TC	\$2,259	TCEF	3CME
7.5	254TC	\$2,738	FTCF	3FCM	254TC	\$2,962	TCEF	3CME
10	256TC	\$3,156	FTCF	3FCM	256TC	\$3,426	TCEF	3CME
15	284TC	\$4,257	FTCF	3FCM	284TC	\$4,623	TCEF	3CME
20	286TC	\$4,954	FTCF	3FCM	286TC	\$5,398	TCEF	3CME
25	324TC	\$5,824	FTCF	3FCM	324TC	\$6,338	TCEF	3CME
30	326TC	\$6,656	FTCF	3FCM	326TC	\$7,262	TCEF	3CME
40	364TC	\$8,913	FTCF	3FCM	364TC	\$9,729	TCEF	3CME
50	365TC	\$10,031	FTCF	3FCM	365TC	\$10,971	TCEF	3CME
60	404TC	\$12,124	FTCF	3FCM	404TC	\$13,232	TCEF	3CME
75	405TC	\$13,910	FTCF	3FCM	405TC	\$15,216	TCEF	3CME
100	444TC	\$18,549	FTCF	3FCM	444TC	\$20,338	TCEF	3CME
125	445TC	\$20,521	FTCF	3FCM	445TC	\$22,529	TCEF	3CME
150	447TC	\$23,290	FTCF	3FCM	447TC	\$25,596	TCEF	3CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical C-Face
Corro-Duty
Totally Enclosed Fan Cooled (TEFC)
8 Pole, 900 RPM

C-FACE
TEFC
900 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

* Corro-Duty Construction (140-447 Frame)

* Class F Insulation, Class B Rise at Full Load (Sine Wave Power)

* 1.15 Service Factor (Sine Wave Power)

* Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude

* NEMA Design "B"

* 3 Phase 60 Hz

* TS shaft (280 Frame & Larger) and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	182TC	\$1,637	FTCF	3FCM	182TC	\$1,759	TCEF	3CME
1.5	184TC	\$1,758	FTCF	3FCM	184 TC	\$1,889	TCEF	3CME
2	213TC	\$1,902	FTCF	3FCM	213TC	\$2,048	TCEF	3CME
3	215TC	\$2,217	FTCF	3FCM	215TC	\$2,399	TCEF	3CME
5	254TC	\$3,002	FTCF	3FCM	254TC	\$3,255	TCEF	3CME
7.5	256TC	\$3,762	FTCF	3FCM	256TC	\$4,100	TCEF	3CME
10	284TC	\$4,515	FTCF	3FCM	284TC	\$4,911	TCEF	3CME
15	286TC	\$5,714	FTCF	3FCM	286TC	\$6,243	TCEF	3CME
20	324TC	\$6,829	FTCF	3FCM	324TC	\$7,454	TCEF	3CME
25	326TC	\$7,868	FTCF	3FCM	326TC	\$8,609	TCEF	3CME
30	364TC	\$9,241	FTCF	3FCM	364TC	\$10,094	TCEF	3CME
40	365TC	\$11,074	FTCF	3FCM	365TC	\$12,130	TCEF	3CME
50	404TC	\$14,378	FTCF	3FCM	404TC	\$15,737	TCEF	3CME
60	405TC	\$16,261	FTCF	3FCM	405TC	\$17,829	TCEF	3CME
75	444TC	\$17,796	FTCF	3FCM	444TC	\$19,501	TCEF	3CME
100	445TC	\$24,138	FTCF	3FCM	445TC	\$26,548	TCEF	3CME
125	447TC	\$26,211	FTCF	3FCM	447TC	\$28,842	TCEF	3CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical C-Face
Corro-Duty
Totally Enclosed Fan Cooled (TEFC)
10 Pole, 720 RPM

C-FACE
TEFC
720 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

* Corro-Duty Construction (140-447 Frame)

* Class F Insulation, Class B Rise at Full Load (Sine Wave Power)

* 1.15 Service Factor (Sine Wave Power)

* Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude

* NEMA Design "B"

* 3 Phase 60 Hz

* TS shaft (280 Frame & Larger) and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	213TC	\$2,210	FTCF	3FCM	213TC	\$2,375	TCEF	3CME
1.5	213TC	\$2,373	FTCF	3FCM	213TC	\$2,550	TCEF	3CME
2	215TC	\$2,568	FTCF	3FCM	215TC	\$2,765	TCEF	3CME
3	254TC	\$2,993	FTCF	3FCM	254TC	\$3,239	TCEF	3CME
5	256TC	\$4,053	FTCF	3FCM	256TC	\$4,394	TCEF	3CME
7.5	284TC	\$5,079	FTCF	3FCM	284TC	\$5,535	TCEF	3CME
10	324TC	\$6,095	FTCF	3FCM	324TC	\$6,630	TCEF	3CME
15	326TC	\$7,714	FTCF	3FCM	326TC	\$8,428	TCEF	3CME
20	364TC	\$9,219	FTCF	3FCM	364TC	\$10,063	TCEF	3CME
25	365TC	\$10,622	FTCF	3FCM	365TC	\$11,622	TCEF	3CME
30	405TC	\$12,475	FTCF	3FCM	405TC	\$13,627	TCEF	3CME
40	405TC	\$14,950	FTCF	3FCM	405TC	\$16,376	TCEF	3CME
50	445TC	\$19,410	FTCF	3FCM	445TC	\$21,245	TCEF	3CME
60	445TC	\$21,952	FTCF	3FCM	445TC	\$24,069	TCEF	3CME
75	447TC	\$24,025	FTCF	3FCM	447TC	\$26,326	TCEF	3CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information



Three Phase Modifiable Motors
Vertical Solid Shaft / Hostile Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
2 Pole, 3600 RPM

VSS-NT
TEFC
3600 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	220	143HP	\$1,273	TVE	143HP	\$1,304	TVS	7ME
1.5	220	143HP	\$1,273	TVE	143HP	\$1,304	TVS	7ME
2	220	145HP	\$1,408	TVE	145HP	\$1,443	TVS	7ME
3	350	182HP	\$1,659	CTVE	182HP	\$1,742	CTVS	7ME
5	350	184HP	\$1,901	CTVE	184HP	\$1,996	CTVS	7ME
7.5	520	213HP	\$2,084	CTVE	213HP	\$2,194	CTVS	7ME
10	520	215HP	\$2,323	CTVE	215HP	\$2,445	CTVS	7ME
15	900	254HP	\$2,952	CTVE	254HP	\$3,107	CTVS	7ME
20	900	256HP	\$3,467	CTVE	256HP	\$3,649	CTVS	7ME
25	1050	284HP	\$4,325	CTVE	284H P	\$4,553	CTVS	7ME
30	1050	286HP	\$4,893	CTVE	286HP	\$5,151	CTVS	7ME
40	1090	324HP	\$6,459	CTVE	324HP	\$6,671	CTVS	7ME
50	1090	326HP	\$7,915	CTVE	326HP	\$8,188	CTVS	7ME
60	1360	364HP	\$10,524	CTVE	364HP	\$10,887	CTVS	7ME
75	1360	365HP	\$12,756	CTVE	365HP	\$13,212	CTVS	7ME
100	1825	405HP	\$17,151	CTVE	405HP	\$17,764	CTVS	7ME
125	1210	444HP	\$21,083	CTVE	444HP	\$21,844	CTVS	7ME
150	1210	445HP	\$25,296	CTVE	445HP	\$26,232	CTVS	7ME
200	1210	447HP	\$31,321	CTVE	447HP	\$32,505	CTVS	7ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

** Unimount Construction Available Up to 280 Frame

*** Hostile Duty construction is not available on 140 Frame

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Hostile Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
4 Pole, 1800 RPM

VSS-NT
TEFC
1800 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	300	143HP	\$1,177	TVE	143HP	\$1,204	TVS	7ME
1.5	300	143HP	\$1,244	TVE	143HP	\$1,274	TVS	7ME
2	300	145HP	\$1,312	TVE	145HP	\$1,343	TVS	7ME
3	420	182HP	\$1,550	CTVE	182HP	\$1,627	CTVS	7ME
5	420	184HP	\$1,686	CTVE	184HP	\$1,770	CTVS	7ME
7.5	640	213HP	\$1,950	CTVE	213HP	\$2,053	CTVS	7ME
10	640	215HP	\$2,214	CTVE	215HP	\$2,330	CTVS	7ME
15	1110	254HP	\$2,734	CTVE	254HP	\$2,878	CTVS	7ME
20	1110	256HP	\$3,186	CTVE	256HP	\$3,354	CTVS	7ME
25	1380	284HP	\$3,918	CTVE	284HP	\$4,124	CTVS	7ME
30	1380	286HP	\$4,396	CTVE	286HP	\$4,627	CTVS	7ME
40	1395	324HP	\$5,851	CTVE	324HP	\$6,038	CTVS	7ME
50	1395	326HP	\$6,869	CTVE	326HP	\$7,098	CTVS	7ME
60	1800	364HP	\$9,781	CTVE	364HP	\$10,113	CTVS	7ME
75	1800	365HP	\$11,949	CTVE	365HP	\$12,373	CTVS	7ME
100	2300	405HP	\$14,981	CTVE	405HP	\$15,501	CTVS	7ME
125	1530	444HP	\$18,385	CTVE	444HP	\$19,034	CTVS	7ME
150	1530	445HP	\$21,295	CTVE	445HP	\$22,066	CTVS	7ME
200	1530	447HP	\$25,428	CTVE	447HP	\$26,366	CTVS	7ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

** Unimount Construction Available Up to 280 Frame

*** Hostile Duty construction is not available on 140 Frame

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Hostile Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
6 Pole, 1200 RPM

VSS-NT
TEFC
1200 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	360	145HP	\$1,402	TVE	145HP	\$1,437	TVS	7ME
1.5	500	182HP	\$1,641	CTVE	182HP	\$1,723	CTVS	7ME
2	500	184HP	\$1,747	CTVE	184HP	\$1,834	CTVS	7ME
3	780	213HP	\$1,900	CTVE	213HP	\$2,000	CTVS	7ME
5	780	215HP	\$2,426	CTVE	215HP	\$2,554	CTVS	7ME
7.5	1350	254HP	\$3,173	CTVE	254HP	\$3,340	CTVS	7ME
10	1350	256HP	\$3,656	CTVE	256HP	\$3,848	CTVS	7ME
15	1570	284HP	\$4,646	CTVE	284HP	\$4,891	CTVS	7ME
20	1570	286HP	\$5,408	CTVE	286HP	\$5,692	CTVS	7ME
25	1750	324HP	\$6,972	CTVE	324HP	\$7,203	CTVS	7ME
30	1750	326HP	\$7,967	CTVE	326HP	\$8,240	CTVS	7ME
40	2200	364HP	\$10,225	CTVE	364HP	\$10,575	CTVS	7ME
50	2200	365HP	\$11,505	CTVE	365HP	\$11,910	CTVS	7ME
60	2825	404HP	\$13,906	CTVE	404HP	\$14,383	CTVS	7ME
75	2825	405HP	\$15,954	CTVE	405HP	\$16,515	CTVS	7ME
100	1930	444HP	\$25,178	CTVE	444HP	\$22,042	CTVS	7ME
125	1930	445HP	\$23,930	CTVE	445HP	\$24,809	CTVS	7ME
150	1930	447HP	\$27,162	CTVE	447HP	\$28,172	CTVS	7ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

** Unimount Construction Available Up to 280 Frame

*** Hostile Duty construction is not available on 140 Frame

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Hostile Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
8 Pole, 900 RPM

VSS-NT
TEFC
900 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Energy Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	570	182HP	\$2,010	CTVE	182HP	\$2,110	CTVS	7ME
1.5	570	184HP	\$2,152	CTVE	184HP	\$2,260	CTVS	7ME
2	860	213HP	\$2,206	CTVE	213HP	\$2,322	CTVS	7ME
3	860	215HP	\$2,569	CTVE	215HP	\$2,705	CTVS	7ME
5	1540	254HP	\$3,550	CTVE	254HP	\$3,736	CTVS	7ME
7.5	1540	256HP	\$4,449	CTVE	256HP	\$4,684	CTVS	7ME
10	1740	284HP	\$5,459	CTVE	284HP	\$5,747	CTVS	7ME
15	1740	286HP	\$6,386	CTVE	286HP	\$6,722	CTVS	7ME
20	1945	324HP	\$8,173	CTVE	324HP	\$8,454	CTVS	7ME
25	1945	326HP	\$9,416	CTVE	326HP	\$9,749	CTVS	7ME
30	2515	364HP	\$11,061	CTVE	364HP	\$11,443	CTVS	7ME
40	2515	365HP	\$12,701	CTVE	365HP	\$13,154	CTVS	7ME
50	3230	404HP	\$16,491	CTVE	404HP	\$17,076	CTVS	7ME
60	3230	405HP	\$18,649	CTVE	405HP	\$19,323	CTVS	7ME
75	2240	444HP	\$20,747	CTVE	444HP	\$21,492	CTVS	7ME
100	2240	445HP	\$28,154	CTVE	445HP	\$29,210	CTVS	7ME
125	2240	447HP	\$30,574	CTVE	447HP	\$31,727	CTVS	7ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Details

** Unimount Construction Available Up to 280 Frame

*** Hostile Duty construction is not available on 140 Frame

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical Solid Shaft / Hostile Duty
Normal Thrust - "P" Base
Totally Enclosed Fan Cooled (TEFC)
10 Pole, 720 RPM

VSS-NT
TEFC
720 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller

200, 230/460 575 Volts (&)

HP	Down Thrust (lbs)	Standard Efficient			Premium Efficient			Disc. Sym
		Frame	List	Type	Frame	List	Type	
1	900	213HP	\$2,579	CTV	213HP	\$2,865	CTVS	7ME
1.5	900	213HP	\$2,761	CTV	213HP	\$3,068	CTVS	7ME
2	900	215HP	\$2,822	CTV	215HP	\$3,135	CTVS	7ME
3	1600	254HP	\$3,287	CTV	254HP	\$3,652	CTVS	7ME
5	1600	256HP	\$4,541	CTV	256HP	\$5,045	CTVS	7ME
7.5	1825	284HP*	\$5,692	CTV	284HP*	\$6,324	CTVS	7ME
10	1825	324HP	\$7,349	CTV	324HP	\$8,165	CTVS	7ME
15	2040	326HP	\$8,598	CTV	326HP	\$9,553	CTVS	7ME
20	2040	364HP*	\$10,273	CTV	364HP*	\$11,414	CTVS	7ME
25	2630	365HP*	\$11,845	CTV	365HP*	\$13,161	CTVS	7ME
30	2630	405HP*	\$13,903	CTV	405HP*	\$15,448	CTVS	7ME
40	3375	405HP*	\$15,983	CTV	405HP*	\$17,759	CTVS	7ME
50	3375	445HP	\$20,746	CTV	445HP	\$23,051	CTVS	7ME
60	2350	445HP	\$23,478	CTV	445HP	\$26,087	CTVS	7ME
75	2350	447HP	\$26,114	CTV	447HP	\$29,015	CTVS	7ME
100	2350	449VP	\$57,857	JV	449VP	\$66,536	JVE	9VM
125	2350	449VP	\$60,561	JV	449VP	\$69,645	JVE	9VM
150	2350	449VP	\$80,477	JV	449VP	\$92,549	JVE	9VM
200	2350	5807P	\$109,415	JV	5807P	\$125,827	JVE	9VM
250	2350	5809P	\$124,108	JV	5809P	\$142,724	JVE	9VM
300	2350	5809P	\$134,214	JV	5809P	\$154,346	JVE	9VM
350	2350	5811P	\$153,101	JV	5811P	\$176,066	JVE	9VM
400	2350	5811P	\$176,291	JV	5811P	\$202,735	JVE	9VM
450	2350	5812P	\$193,040	JV	5812P	\$221,996	JVE	9VM
500	2350	5812P	\$218,699	JV	5812P	\$251,504	JVE	9VM

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 standard

*Alternate "Z" Option Available for Shaft. See Dimension Pages for Detail

**Alternate C-Face and D-Flange Options Available on 449 and 5811 Frames

*** Unimount Construction Available Up to 280 Frame

**** Hostile Duty construction is not available on 140 Frame

See Page M-84 For Available And Alternate BD Dimensions



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

Three Phase Modifiable Motors
Vertical C-Face
Hostile Duty
Totally Enclosed Fan Cooled (TEFC)
2 Pole, 3600 RPM

C-FACE
TEFC
3600 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft on 280 Frame & Up and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	143TC	\$979	FCTF	3FM	143TC	\$1,002	CTEF	3ME
1.5	143TC	\$979	FCTF	3FM	143TC	\$1,002	CTEF	3ME
2	145TC	\$1,083	FCTF	3FM	145TC	\$1,110	CTEF	3ME
3	182TC	\$1,310	FCTF	3FM	182TC	\$1,341	CTEF	3ME
5	184TC	\$1,498	FCTF	3FM	184TC	\$1,536	CTEF	3ME
7.5	213TC	\$1,728	FCTF	3FM	213TC	\$1,776	CTEF	3ME
10	215TC	\$1,925	FCTF	3FM	215TC	\$1,981	CTEF	3ME
15	254TC	\$2,645	FCTF	3FM	254TC	\$2,725	CTEF	3ME
20	256TC	\$3,102	FCTF	3FM	256TC	\$3,201	CTEF	3ME
25	284TSC	\$3,874	FCTF	3FM	284TSC	\$3,995	CTEF	3ME
30	286TSC	\$4,377	FCTF	3FM	286TSC	\$4,519	CTEF	3ME
40	324TSC	\$5,617	FCTF	3FM	324TSC	\$5,801	CTEF	3ME
50	326TSC	\$6,883	FCTF	3FM	326TSC	\$7,120	CTEF	3ME
60	364TSC	\$9,151	FCTF	3FM	364TSC	\$9,467	CTEF	3ME
75	365TSC	\$11,092	FCTF	3FM	365TSC	\$11,489	CTEF	3ME
100	405TSC	\$14,915	FCTF	3FM	405TSC	\$15,447	CTEF	3ME
125	444TSC	\$18,333	FCTF	3FM	444TSC	\$18,995	CTEF	3ME
150	445TSC	\$21,997	FCTF	3FM	445TSC	\$22,811	CTEF	3ME
200	447TSC	\$27,236	FCTF	3FM	447TSC	\$28,265	CTEF	3ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



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

Three Phase Modifiable Motors
Vertical C-Face
Hostile Duty
Totally Enclosed Fan Cooled (TEFC)
4 Pole, 1800 RPM

C-FACE
TEFC
1800 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft on 280 Frame & Up and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	143TC	\$906	FCTF	3FM	143TC	\$926	CTEF	3ME
1.5	143TC	\$958	FCTF	3FM	143TC	\$980	CTEF	3ME
2	145TC	\$1,009	FCTF	3FM	145TC	\$1,033	CTEF	3ME
3	182TC	\$1,225	FCTF	3FM	182TC	\$1,252	CTEF	3ME
5	184TC	\$1,330	FCTF	3FM	184TC	\$1,362	CTEF	3ME
7.5	213TC	\$1,619	FCTF	3FM	213TC	\$1,662	CTEF	3ME
10	215TC	\$1,834	FCTF	3FM	215TC	\$1,886	CTEF	3ME
15	254TC	\$2,452	FCTF	3FM	254TC	\$2,524	CTEF	3ME
20	256TC	\$2,853	FCTF	3FM	256TC	\$2,942	CTEF	3ME
25	284TC	\$3,512	FCTF	3FM	284TC	\$3,618	CTEF	3ME
30	286TC	\$3,936	FCTF	3FM	286TC	\$4,060	CTEF	3ME
40	324TC	\$5,088	FCTF	3FM	324TC	\$5,250	CTEF	3ME
50	326TC	\$5,973	FCTF	3FM	326TC	\$6,172	CTEF	3ME
60	364TC	\$8,505	FCTF	3FM	364TC	\$8,794	CTEF	3ME
75	365TC	\$10,391	FCTF	3FM	365TC	\$10,759	CTEF	3ME
100	405TC	\$13,027	FCTF	3FM	405TC	\$13,480	CTEF	3ME
125	444TC	\$15,988	FCTF	3FM	444TC	\$16,552	CTEF	3ME
150	445TC	\$18,518	FCTF	3FM	445TC	\$19,188	CTEF	3ME
200	447TC	\$22,111	FCTF	3FM	447TC	\$22,927	CTEF	3ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical C-Face
Hostile Duty
Totally Enclosed Fan Cooled (TEFC)
6 Pole, 1200 RPM

C-FACE
TEFC
1200 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft on 280 Frame & Up and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	145TC	\$1,078	FCTF	3FM	145TC	\$1,105	CTEF	3ME
1.5	182TC	\$1,295	FCTF	3FM	182TC	\$1,325	CTEF	3ME
2	184TC	\$1,377	FCTF	3FM	184TC	\$1,410	CTEF	3ME
3	213TC	\$1,579	FCTF	3FM	213TC	\$1,620	CTEF	3ME
5	215TC	\$2,008	FCTF	3FM	215TC	\$2,067	CTEF	3ME
7.5	254TC	\$2,626	FCTF	3FM	254TC	\$2,705	CTEF	3ME
10	256TC	\$3,020	FCTF	3FM	256TC	\$3,116	CTEF	3ME
15	284TC	\$4,157	FCTF	3FM	284TC	\$4,290	CTEF	3ME
20	286TC	\$4,833	FCTF	3FM	286TC	\$4,994	CTEF	3ME
25	324TC	\$5,810	FCTF	3FM	324TC	\$6,002	CTEF	3ME
30	326TC	\$6,639	FCTF	3FM	326TC	\$6,866	CTEF	3ME
40	364TC	\$8,891	FCTF	3FM	364TC	\$9,196	CTEF	3ME
50	365TC	\$10,004	FCTF	3FM	365TC	\$10,356	CTEF	3ME
60	404TC	\$12,093	FCTF	3FM	404TC	\$12,507	CTEF	3ME
75	405TC	\$13,873	FCTF	3FM	405TC	\$14,361	CTEF	3ME
100	444TC	\$18,499	FCTF	3FM	444TC	\$19,168	CTEF	3ME
125	445TC	\$20,808	FCTF	3FM	445TC	\$21,573	CTEF	3ME
150	447TC	\$23,619	FCTF	3FM	447TC	\$24,498	CTEF	3ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



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

Three Phase Modifiable Motors
Vertical C-Face
Hostile Duty
Totally Enclosed Fan Cooled (TEFC)
8 Pole, 900 RPM

C-FACE
TEFC
900 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.00 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft on 280 Frame & Up and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	182TC	\$1,581	FCTF	3FM	182TC	\$1,623	CTEF	3ME
1.5	184TC	\$1,691	FCTF	3FM	184TC	\$1,738	CTEF	3ME
2	213TC	\$1,828	FCTF	3FM	213TC	\$1,880	CTEF	3ME
3	215TC	\$2,126	FCTF	3FM	215TC	\$2,190	CTEF	3ME
5	254TC	\$2,933	FCTF	3FM	254TC	\$3,025	CTEF	3ME
7.5	256TC	\$3,670	FCTF	3FM	256TC	\$3,793	CTEF	3ME
10	284TC	\$4,504	FCTF	3FM	284TC	\$4,652	CTEF	3ME
15	286TC	\$5,699	FCTF	3FM	286TC	\$5,897	CTEF	3ME
20	324TC	\$6,811	FCTF	3FM	324TC	\$7,045	CTEF	3ME
25	326TC	\$7,847	FCTF	3FM	326TC	\$8,124	CTEF	3ME
30	364TC	\$9,217	FCTF	3FM	364TC	\$9,536	CTEF	3ME
40	365TC	\$11,044	FCTF	3FM	365TC	\$11,439	CTEF	3ME
50	404TC	\$14,340	FCTF	3FM	404TC	\$14,848	CTEF	3ME
60	405TC	\$16,217	FCTF	3FM	405TC	\$16,803	CTEF	3ME
75	444TC	\$18,040	FCTF	3FM	444TC	\$18,689	CTEF	3ME
100	445TC	\$24,482	FCTF	3FM	445TC	\$25,400	CTEF	3ME
125	447TC	\$26,587	FCTF	3FM	447TC	\$27,589	CTEF	3ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)



Three Phase Modifiable Motors
Vertical C-Face
Hostile Duty
Totally Enclosed Fan Cooled (TEFC)
10 Pole, 720 RPM

C-FACE
TEFC
720 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Hostile Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz
- * TS shaft on 280 Frame & Up and D-flange also available

200, 230/460 575 Volts (&)

HP	Energy Efficient			Disc. Sym	Premium Efficient			Disc. Sym
	Frame	List	Type		Frame	List	Type	
1	213TC	\$2,134	FCTF	3FM	213TC	\$2,191	CTEF	3ME
1.5	213TC	\$2,283	FCTF	3FM	213TC	\$2,346	CTEF	3ME
2	215TC	\$2,468	FCTF	3FM	215TC	\$2,538	CTEF	3ME
3	254TC	\$2,870	FCTF	3FM	254TC	\$2,957	CTEF	3ME
5	256TC	\$3,960	FCTF	3FM	256TC	\$4,084	CTEF	3ME
7.5	284TC	\$4,955	FCTF	3FM	284TC	\$5,121	CTEF	3ME
10	324TC	\$6,080	FCTF	3FM	324TC	\$6,280	CTEF	3ME
15	326TC	\$7,694	FCTF	3FM	326TC	\$7,961	CTEF	3ME
20	364TC	\$9,195	FCTF	3FM	364TC	\$9,511	CTEF	3ME
25	365TC	\$10,593	FCTF	3FM	365TC	\$10,967	CTEF	3ME
30	405TC	\$12,443	FCTF	3FM	405TC	\$12,874	CTEF	3ME
40	405TC	\$14,909	FCTF	3FM	405TC	\$15,443	CTEF	3ME
50	445TC	\$19,359	FCTF	3FM	445TC	\$20,045	CTEF	3ME
60	445TC	\$21,893	FCTF	3FM	445TC	\$22,684	CTEF	3ME
75	447TC	\$24,354	FCTF	3FM	447TC	\$25,230	CTEF	3ME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

**Vertically Mounted C-face is a Horizontal Product Family Reference PB202 For Additional Pricing and Information



Three Phase Modifiable Motors
Vertical Solid Shaft / Meets IEEE Std 841™-2021
Normal Thrust - “P” Base
Totally Enclosed Fan Cooled (TEFC)
200, 230/460 575 Volts (&)

VSS-NT
TEFC
3600 & 1800 RPM
460V

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Corro-Duty Construction
- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * INPRO/SEAL®† on both ends
- * Special balance

- * Special shaft runout
- * NEMA Design “B”
- * 3 Phase 60 Hz
- * Both HP & VP Shaft Extension Available on 447 Frames and Smaller
- * Non-witnessed IEEE 841 Enhanced no load test
- * Grounding in terminal box and frame
- * Oversized main conduit box

3600 RPM

HP	Down Thrust+ (lbs)	Premium Efficient			Disc. Sym
		Frame	List	Type	
1	150	143HP	\$1,646	CEV	7CME
1.5	150	143HP	\$1,646	CEV	7CME
2	150	145HP	\$1,822	CEV	7CME
3	350	182HP	\$2,204	CEV	7CME
5	350	184HP	\$2,525	CEV	7CME
7.5	520	213HP	\$2,762	CEV	7CME
10	520	215HP	\$3,079	CEV	7CME
15	900	254HP	\$3,912	CEV	7CME
20	900	256HP	\$4,595	CEV	7CME
25	1050	284HP	\$5,734	CEV	7CME
30	1050	286HP	\$6,486	CEV	7CME
40	1090	324HP	\$8,098	CEV	7CME
50	1090	326HP	\$9,964	CEV	7CME
60	1360	364HP	\$13,251	CEV	7CME
75	1360	365HP	\$16,120	CEV	7CME
100	1825	405HP	\$21,659	CEV	7CME
125	1210	444HP	\$26,214	CEV	7CME
150	1210	445HP	\$31,513	CEV	7CME
200	1210	447HP	\$39,083	CEV	7CME

1800 RPM

HP	Down Thrust+ (lbs)	Premium Efficient			Disc. Sym
		Frame	List	Type	
1	200	143HP	\$1,520	CEV	7CME
1.5	200	143HP	\$1,608	CEV	7CME
2	200	145HP	\$1,695	CEV	7CME
3	420	182HP	\$2,058	CEV	7CME
5	420	184HP	\$2,239	CEV	7CME
7.5	640	213HP	\$2,585	CEV	7CME
10	640	215HP	\$2,934	CEV	7CME
15	1110	254HP	\$3,624	CEV	7CME
20	1110	256HP	\$4,224	CEV	7CME
25	1380	284HP	\$5,193	CEV	7CME
30	1380	286HP	\$5,827	CEV	7CME
40	1395	324HP	\$7,317	CEV	7CME
50	1395	326HP	\$8,623	CEV	7CME
60	1800	364HP	\$12,299	CEV	7CME
75	1800	365HP	\$15,080	CEV	7CME
100	2300	405HP	\$18,876	CEV	7CME
125	1530	444HP	\$22,822	CEV	7CME
150	1530	445HP	\$26,483	CEV	7CME
200	1530	447HP	\$31,670	CEV	7CME

& Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is Standard

*Alternate “Z” Option Available for Shaft. See Dimension Pages for Details

+Minimum downthrust for 50,000 hours L-10 bearing life

See Page M-84 For Available And Alternate BD Dimensions

* 60Hz 3600, 1800, 1200 & 900 RPM motors comply with U.S. D.O.E.’s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (See Page M-80 - M-81 for Nominal Efficiency Table)

