

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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**200, 230/460, 575 Volts (&)**

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type			
3	1400	182VP	\$2,277	TV-4	182VP	\$2,605	TVE-4	182VP	\$2,743	TVS-4	\$333	\$643	7VM
5	1400	184VP	\$2,300	TV-4	184VP	\$2,632	TVE-4	184VP	\$2,770	TVS-4	\$333	\$634	7VM
7.5	2200	213VP	\$2,465	TV-4	213VP	\$2,820	TVE-4	213VP	\$2,968	TVS-4	\$343	\$822	7VM
10	2200	215VP	\$2,662	TV-4	215VP	\$3,113	TVE-4	215VP	\$3,276	TVS-4	\$352	\$822	7VM
15	2600	254VP	\$3,099	TV-4	254VP	\$3,515	TVE-4	254VP	\$3,700	TVS-4	\$413	\$1,502	7VM
20	2600	256VP	\$4,155	TV-4	256VP	\$4,689	TVE-4	256VP	\$4,936	TVS-4	\$446	\$1,502	7VM
25	2600	284VP	\$4,390	TV-4	284VP	\$5,242	TVE-4	284VP	\$5,518	TVS-4	\$474	\$2,347	7VM
30	2600	286VP	\$4,845	TV-4	286VP	\$5,663	TVE-4	286VP	\$5,961	TVS-4	\$521	\$2,347	7VM
40	3400	324VP	\$6,822	TV-4	324VP	\$7,773	TVE-4	324VP	\$8,182	TVS-4	\$648	\$3,192	7VM
50	3400	326VP	\$7,869	TV-4	326VP	\$8,740	TVE-4	326VP	\$9,200	TVS-4	\$746	\$3,192	7VM
60	3800	364VP	\$10,056	TV-4	364VP	\$11,461	TVE-4	364VP	\$12,064	TVS-4	\$953	\$4,225	7VM
75	3800	365VP	\$12,563	TV-4	365VP	\$14,784	TVE-4	365VP	\$15,562	TVS-4	\$1,192	\$4,225	7VM
100	3900	405VP	\$18,089	TV-4	405VP	\$19,885	TVE-4	405VP	\$20,932	TVS-4	\$1,718	\$4,930	7VM
125	3900	444VP	\$24,854	TV-4	444VP	\$29,579	TVE-4	444VP	\$31,136	TVS-4	\$2,038	\$6,103	7VM
150	3900	447VP	\$30,249	TV-4	447VP	\$34,556	TVE-4	447VP	\$36,375	TVS-4	\$2,479	\$7,042	7VM
200	7000	449VP	\$52,523	JV-4	449VP	\$57,381	JV-4	449VP	\$60,401	JVE-4	---	N/A	8VM
	7000	5008P	\$61,326	EV-4	5008P	\$67,000	EV-4	5008VP	\$70,526	EVE-4	---	---	8VM
250	7000	449VP	\$58,648	JV-4	449VP	\$64,072	JV-4	449VP	\$67,444	JVE-4	---	N/A	8VM
	7000	5008P	\$67,451	EV-4	5008P	\$73,690	EV-4	5008VP	\$77,568	EVE-4	---	---	8VM
300	7000	449VP	\$76,385	JV-4	449VP	\$83,451	JV-4	449VP	\$87,843	JVE-4	---	N/A	8VM
	7000	5008P	\$87,711	EV-4	5008P	\$95,826	EV-4	5008VP	\$100,869	EVE-4	---	---	8VM
350	7000	5807P	\$91,892	JV-4	5807P	\$100,392	JV-4	5807P	\$105,676	JVE-4	---	N/A	8VM
	7000	5807P	\$104,803	EV-4	5807P	\$114,497	EV-4	5807P	\$120,523	EVE-4	---	---	8VM
400	7000	5807P	\$110,394	JV-4	5807P	\$120,605	JV-4	5807P	\$126,953	JVE-4	---	\$13,469	8VM
450	7000	5809P	\$118,887	JV-4	5809P	\$129,885	JV-4	5809P	\$136,721	JVE-4	---	\$19,484	8VM
500	7000	5811P	\$132,099	JV-4	5811P	\$144,317	JV-4	5811P	\$151,913	JVE-4	---	\$22,007	8VM
600	7000	5811P	\$158,519	JV-4	---	---	---	5811P	\$182,296	JVE-4	---	\$22,007	8VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 & Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 Standard  
 \* NRR = Non-Reverse Ratchet

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)



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

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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**2300 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
125*	7000	449VP	24.5	\$57,277	JV-4	449VP	24.5	\$65,869	JVE-4	N/A	N/A	8VM
150	7000	449VP	24.5	\$62,965	JV-4	449VP	24.5	\$72,408	JVE-4	N/A	N/A	8VM
	7000	5008P	24.5	\$72,925	EV-4	5008P	24.5	\$83,864	EVE-4	N/A	---	8VM
200	7000	449VP	24.5	\$75,293	JV-4	449VP	24.5	\$86,587	JVE-4	N/A	N/A	8VM
	7000	5008P	24.5	\$86,927	EV-4	5008P	24.5	\$99,967	EVE-4	N/A	---	8VM
250	7000	449VP	24.5	\$83,242	JV-4	449VP	24.5	\$95,728	JVE-4	N/A	N/A	8VM
	7000	5008P	24.5	\$96,427	EV-4	5008P	24.5	\$110,892	EVE-4	N/A	---	8VM
300	7000	5807P	30.5	\$107,631	JV-4	5807P	30.5	\$123,777	JVE-4	N/A	\$13,469	8VM
350	7000	5807P	30.5	\$125,573	JV-4	5807P	30.5	\$144,408	JVE-4	N/A	\$13,469	8VM
400	7000	5809P	30.5	\$129,754	JV-4	5809P	30.5	\$149,216	JVE-4	N/A	\$19,484	8VM
450	7000	5809P	30.5	\$145,974	JV-4	5809P	30.5	\$167,871	JVE-4	N/A	\$19,484	8VM
500	7000	5811P	30.5	\$154,857	JV-4	5811P	30.5	\$178,085	JVE-4	N/A	\$22,007	8VM
600	7000	5811P	30.5	\$185,829	JV-4	5811P	30.5	\$213,702	JVE-4	N/A	\$22,007	8VM

**4160 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150*	7000	449VP	24.5	\$76,211	JV-4	449VP	24.5	\$87,643	JVE-4	N/A	N/A	8VM
	7000	5008P	24.5	\$86,174	EV-4	5008P	24.5	\$99,101	EVE-4	N/A	---	8VM
200	7000	449VP	24.5	\$90,352	JV-4	449VP	24.5	\$103,906	JVE-4	N/A	N/A	8VM
	7000	5008P	24.5	\$101,986	EV-4	5008P	24.5	\$117,284	EVE-4	N/A	---	8VM
250	7000	5807P	30.5	\$99,059	JV-4	5807P	30.5	\$113,918	JVE-4	N/A	\$13,469	8VM
300	7000	5807P	30.5	\$134,540	JV-4	5807P	30.5	\$154,721	JVE-4	N/A	\$13,469	8VM
350	7000	5809P	30.5	\$140,641	JV-4	5809P	30.5	\$161,735	JVE-4	N/A	\$19,484	8VM
400	7000	5809P	30.5	\$145,324	JV-4	5809P	30.5	\$167,122	JVE-4	N/A	\$19,484	8VM
450	7000	5811P	30.5	\$161,376	JV-4	5811P	30.5	\$185,582	JVE-4	N/A	\$22,007	8VM
500	7000	5811P	30.5	\$200,692	JV-4	5811P	30.5	\$230,796	JVE-4	N/A	\$22,007	8VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design

\* NEMA Design A

\* NRR = Non-Reverse Ratchet

See Page M-84 For Available And Alternate BD Dimensions



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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**200, 230/460, 575 Volts (&)**

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type			
3	1800	182VP	\$2,284	TV-4	182VP	\$2,634	TVE-4	182VP	\$2,773	TVS-4	\$333	\$634	7VM
5	1800	184VP	\$2,284	TV-4	184VP	\$2,634	TVE-4	184VP	\$2,773	TVS-4	\$333	\$634	7VM
7.5	2500	213VP	\$2,366	TV-4	213VP	\$2,758	TVE-4	213VP	\$2,903	TVS-4	\$343	\$822	7VM
10	2500	215VP	\$2,662	TV-4	215VP	\$3,030	TVE-4	215VP	\$3,189	TVS-4	\$352	\$822	7VM
15	3300	254VP	\$3,939	TV-4	254VP	\$4,381	TVE-4	254VP	\$4,612	TVS-4	\$423	\$1,502	7VM
20	3300	256VP	\$4,488	TV-4	256VP	\$4,888	TVE-4	256VP	\$5,146	TVS-4	\$488	\$1,502	7VM
25	3300	284VP	\$5,005	TV-4	284VP	\$5,562	TVE-4	284VP	\$5,854	TVS-4	\$545	\$2,347	7VM
30	3300	286VP	\$5,629	TV-4	286VP	\$6,139	TVE-4	286VP	\$6,462	TVS-4	\$610	\$2,347	7VM
40	4500	324VP	\$7,150	TV-4	324VP	\$7,886	TVE-4	324VP	\$8,301	TVS-4	\$681	\$3,192	7VM
50	4500	326VP	\$8,484	TV-4	326VP	\$9,115	TVE-4	326VP	\$9,595	TVS-4	\$808	\$3,192	7VM
60	5600	364VP	\$10,498	TV-4	364VP	\$11,404	TVE-4	364VP	\$12,004	TVS-4	\$1,000	\$4,225	7VM
75	5600	365VP	\$12,784	TV-4	365VP	\$13,513	TVE-4	365VP	\$14,225	TVS-4	\$1,211	\$4,225	7VM
100	7000	405VP	\$17,225	TV-4	405VP	\$18,307	TVE-4	405VP	\$19,271	TVS-4	\$1,634	\$4,930	7VM
125	9300	444VP	\$22,761	TV-4	444VP	\$26,189	TVE-4	444VP	\$27,568	TVS-4	\$1,869	\$6,103	7VM
150	9300	447VP	\$27,803	TV-4	447VP	\$30,841	TVE-4	447VP	\$32,464	TVS-4	\$2,282	\$7,042	7VM
200	9300	447VP	\$38,854	TV-4	447VP	\$41,050	TVE-4	447VP	\$43,210	TVS-4	\$3,188	\$7,042	7VM
250	8800	449VP	\$54,714	JV-4	449VP	\$59,774	JV-4	449VP	\$62,920	JVE-4	\$1,352	N/A	8VM
	8800	5008P	\$68,066	EV-4	5008P	\$74,361	EV-4	5008P	\$78,275	EVE-4	\$1,352	---	8VM
300	8800	449VP	\$60,434	JV-4	449VP	\$66,025	JV-4	449VP	\$69,500	JVE-4	\$1,512	N/A	8VM
	8800	5008P	\$70,998	EV-4	5008P	\$77,566	EV-4	5008P	\$81,648	EVE-4	\$1,512	---	8VM
350	8800	449VP	\$71,380	JV-4	449VP	\$77,983	JV-4	449VP	\$82,087	JVE-4	\$1,784	N/A	8VM
	8800	5008P	\$82,707	EV-4	5008P	\$90,357	EV-4	5008P	\$95,113	EVE-4	\$1,784	---	8VM
400	9500	5807P	\$80,833	JV-4	5807P	\$88,310	JV-4	5807P	\$92,958	JVE-4	\$1,873	\$11,326	8VM
450	9500	5807P	\$90,831	JV-4	5807P	\$99,232	JV-4	5807P	\$104,455	JVE-4	\$1,873	\$13,469	8VM
500	9500	5809P	\$100,552	JV-4	5809P	\$109,852	JV-4	5809P	\$115,634	JVE-4	\$1,981	\$15,549	8VM
600	9500	5811P	\$146,160	JV-4	---	---	---	5811P	\$168,082	JVE-4	\$2,408	\$22,007	8VM
700	9300	5812VP	\$165,160	JV-4	---	---	---	5812VP	\$189,932	JVE-4	\$2,650	\$22,007	8VM
800	9300	5812VP	\$189,720	JV-4	---	---	---	5812VP	\$218,178	JVE-4	\$3,045	N/A	8VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 & Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 Standard  
 \* NRR = Non-Reverse Ratchet

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**  
**High Thrust - "P" Base**  
**Totally Enclosed Fan Cooled (TEFC)**  
**4 Pole, 1800 RPM**



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**2300 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	8800	449VP	24.5	\$55,495	JV-4	449VP	24.5	\$63,819	JVE-4	\$1,387	N/A	8VM
	8800	5008P	24.5	\$62,146	EV-4	5008P	24.5	\$71,467	EVE-4	\$1,387	---	8VM
200	8800	449VP	24.5	\$61,373	JV-4	449VP	24.5	\$70,580	JVE-4	\$1,535	N/A	8VM
	8800	5008P	24.5	\$69,045	EV-4	5008P	24.5	\$79,401	EVE-4	\$1,535	---	8VM
250	8800	449VP	24.5	\$68,944	JV-4	449VP	24.5	\$79,286	JVE-4	\$1,723	N/A	8VM
	8800	5008P	24.5	\$79,507	EV-4	5008P	24.5	\$91,434	EVE-4	\$1,723	---	8VM
300	9500	5807P	30.5	\$77,559	JV-4	5807P	30.5	\$89,192	JVE-4	\$1,854	\$10,563	8VM
350	9500	5807P	30.5	\$89,366	JV-4	5807P	30.5	\$102,772	JVE-4	\$1,854	\$13,469	8VM
400	9500	5807P	30.5	\$99,390	JV-4	5809P	30.5	\$114,298	JVE-4	\$2,061	\$13,469	8VM
450	9500	5809P	30.5	\$110,901	JV-4	5809P	30.5	\$127,535	JVE-4	\$2,286	\$19,484	8VM
500	9500	5809P	30.5	\$123,239	JV-4	5809P	30.5	\$141,725	JVE-4	\$2,627	\$19,484	8VM
600	9500	5811P	30.5	\$147,887	JV-4	5811P	30.5	\$170,070	JVE-4	\$3,134	\$22,007	8VM
700	9300	5812P	30.5	\$172,535	JV-4	5812P	30.5	\$198,415	JVE-4	\$4,573	N/A	8VM
800	9300	5812P	30.5	\$189,720	JV-4	5812P	30.5	\$218,178	JVE-4	\$5,170	N/A	8VM
900	9300	5812P	30.5	\$201,229	JV-4	5812P	30.5	\$231,413	JVE-4	\$5,484	N/A	8VM
1000	9300	5812P	30.5	\$212,138	JV-4	5812P	30.5	\$243,959	JVE-4	\$5,780	N/A	8VM
1250**	9300	5812P	30.5	\$237,143	JV-4	5812P	30.5	\$272,715	JVE-4	\$6,462	N/A	8VM
1500	10900	6812VPA	36	\$258,486	JV-4	6812VPA	36	\$297,259	JVE-4	\$7,108	N/A	9VM
1750	10900	6812VPA	36	\$281,750	JV-4	6812VPA	36	\$324,013	JVE-4	\$7,819	N/A	9VM
2000**	10900	6812VPA	36	\$307,107	JV-4	6812VPA	36	\$353,173	JVE-4	\$8,601	N/A	9VM

**4160 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	8800	449VP	24.5	\$59,660	JV-4	449VP	24.5	\$68,608	JVE-4	\$1,387	N/A	8VM
	8800	5008P	24.5	\$66,310	EV-4	5008P	24.5	\$76,256	EVE-4	\$1,387	---	8VM
200	8800	449VP	24.5	\$65,977	JV-4	449VP	24.5	\$75,873	JVE-4	\$1,535	N/A	8VM
	8800	5008P	24.5	\$73,648	EV-4	5008P	24.5	\$84,695	EVE-4	\$1,535	---	8VM
250	9500	5807P	30.5	\$74,115	JV-4	5807P	24.5	\$85,230	JVE-4	\$1,723	N/A	8VM
	9500	5807P	30.5	\$84,678	EV-4	5807P	24.5	\$97,380	EVE-4	\$1,723	---	8VM
300	9500	5807P	30.5	\$83,376	JV-4	5807P	30.5	\$95,880	JVE-4	\$1,854	\$10,563	8VM
350	9500	5807P	30.5	\$96,068	JV-4	5807P	30.5	\$110,479	JVE-4	\$1,854	\$13,469	8VM
400	9500	5809P	30.5	\$105,352	JV-4	5809P	30.5	\$121,155	JVE-4	\$2,061	\$13,469	8VM
450	9500	5809P	30.5	\$117,556	JV-4	5809P	30.5	\$135,190	JVE-4	\$2,286	\$19,484	8VM
500	9500	5811P	30.5	\$130,840	JV-4	5811P	30.5	\$150,465	JVE-4	\$2,627	\$19,484	8VM
600	9500	5811P	30.5	\$157,007	JV-4	5811P	30.5	\$180,559	JVE-4	\$3,134	\$22,007	8VM
700	9300	5812P	30.5	\$186,338	JV-4	5812P	30.5	\$214,289	JVE-4	\$4,573	N/A	8VM
800	9300	5812P	30.5	\$199,205	JV-4	5812P	30.5	\$229,086	JVE-4	\$5,170	N/A	8VM
900	9300	5812P	30.5	\$211,290	JV-4	5812P	30.5	\$242,984	JVE-4	\$5,484	N/A	8VM
1000	9300	5812P	30.5	\$222,745	JV-4	5812P	30.5	\$256,157	JVE-4	\$5,780	N/A	8VM
1250**	9300	5812P	30.5	\$249,000	JV-4	5812P	30.5	\$286,350	JVE-4	\$6,462	N/A	8VM
1500	10900	6812VPA	36	\$271,410	JV-4	6812VPA	36	\$312,122	JVE-4	\$6,850	N/A	9VM
1750	10900	6812VPA	36	\$295,837	JV-4	6812VPA	36	\$340,213	JVE-4	\$7,261	N/A	9VM
2000**	10900	6812VPA	36	\$322,462	JV-4	6812VPA	36	\$370,831	JVE-4	\$7,696	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design

\*\* Class B rise by embedded detector at 1.0 Service Factor. Price includes 100 ohm winding Resistance Temperature Detectors

\*NRR = Non-Reverse Ratchet SRC = Self Release Coupling

See Page M-84 For Available And Alternate BD Dimensions



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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**200, 230/460, 575 Volts (&)**

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type			
2	2000	184VP	\$2,498	TV-4	184VP	\$2,998	TVE-4	184VP	\$3,148	TVS-4	\$286	\$634	7VM
3	2900	213VP	\$2,711	TV-4	213VP	\$3,195	TVE-4	213VP	\$3,354	TVS-4	\$291	\$822	7VM
5	2900	215VP	\$3,357	TV-4	215VP	\$4,092	TVE-4	215VP	\$4,296	TVS-4	\$394	\$822	7VM
7.5	3800	254VP	\$4,000	TV-4	254VP	\$4,735	TVE-4	254VP	\$4,972	TVS-4	\$469	\$1,502	7VM
10	3800	256VP	\$4,516	TV-4	256VP	\$5,385	TVE-4	256VP	\$5,655	TVS-4	\$488	\$1,502	7VM
15	3800	284VP	\$5,268	TV-4	284VP	\$6,390	TVE-4	284VP	\$6,709	TVS-4	\$568	\$2,347	7VM
20	3800	286VP	\$6,404	TV-4	286VP	\$7,526	TVE-4	286VP	\$7,901	TVS-4	\$690	\$2,347	7VM
25	5100	324VP	\$7,991	TV-4	324VP	\$9,458	TVE-4	324VP	\$9,930	TVS-4	\$761	\$3,192	7VM
30	5100	326VP	\$9,122	TV-4	326VP	\$10,589	TVE-4	326VP	\$11,120	TVS-4	\$864	\$3,192	7VM
40	6400	364VP	\$11,944	TV-4	364VP	\$14,547	TVE-4	364VP	\$15,275	TVS-4	\$1,136	\$4,225	7VM
50	6400	365VP	\$14,085	TV-4	365VP	\$16,688	TVE-4	365VP	\$17,521	TVS-4	\$1,338	\$4,225	7VM
60	8000	404VP	\$17,155	TV-4	404VP	\$20,772	TVE-4	404VP	\$21,810	TVS-4	\$1,634	\$4,930	7VM
75	8000	405VP	\$20,178	TV-4	405VP	\$23,796	TVE-4	405VP	\$24,986	TVS-4	\$1,915	\$4,930	7VM
100	10600	444VP	\$27,385	TV-4	444VP	\$32,915	TVE-4	444VP	\$34,561	TVS-4	\$2,925	\$6,103	7VM
125	10600	447VP	\$33,103	TV-4	447VP	\$38,634	TVE-4	447VP	\$40,566	TVS-4	\$3,371	\$7,042	7VM
150	10600	447VP	\$41,202	TV-4	447VP	\$47,312	TVE-4	447VP	\$49,678	TVS-4	\$3,371	\$7,042	7VM
200	10000	449VP	\$69,521	JV-4	449VP	\$75,953	JV-4	449VP	\$79,951	JVE-4	\$1,967	N/A	8VM
	10000	5008P	\$79,822	EV-4	5008P	\$87,206	EV-4	5008P	\$91,796	EVE-4	\$1,967	---	8VM
250	10000	449VP	\$73,469	JV-4	449VP	\$80,264	JV-4	449VP	\$84,488	JVE-4	\$2,077	N/A	8VM
	10000	5008P	\$85,291	EV-4	5008P	\$93,183	EV-4	5008P	\$98,087	EVE-4	\$2,077	---	8VM
300	10000	449VP	\$87,214	JV-4	449VP	\$95,278	JV-4	449VP	\$100,293	JVE-4	\$2,077	N/A	8VM
	11000	5807P	\$98,540	EV-4	5807P	\$107,658	EV-4	5807P	\$113,324	EVE-4	\$2,077	---	8VM
350	11000	5807P	\$101,610	JV-4	5807P	\$111,009	JV-4	5807P	\$116,852	JVE-4	\$2,096	\$13,469	8VM
400	11000	5807P	\$117,298	JV-4	5807P	\$128,147	JV-4	5807P	\$134,892	JVE-4	\$2,406	\$13,469	8VM
450	11000	5809P	\$133,070	JV-4	5809P	\$142,814	JV-4	5809P	\$150,331	JVE-4	\$2,709	\$19,484	8VM
500	11000	5809P	\$145,246	JV-4	5809P	\$158,681	JV-4	5809P	\$167,033	JVE-4	\$3,007	\$19,484	8VM
600	11000	5811P	\$174,296	JV-4	---	---	---	5811P	\$200,441	JVE-4	\$3,610	\$22,007	8VM
700	10600	5812P	\$188,260	JV-4	---	---	---	5812P	\$216,499	JVE-4	\$3,900	N/A	8VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 & Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is standard  
 \* NRR = Non-Reverse Ratchet

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)



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

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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**2300 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
125	10000	449VP	24.5	\$62,275	JV-4	449VP	24.5	\$71,615	JVE-4	\$2,174	N/A	8VM
	10000	5008P	24.5	\$68,923	EV-4	5008P	24.5	\$79,261	EVE-4	\$2,174	---	8VM
150	10000	449VP	24.5	\$66,784	JV-4	449VP	24.5	\$76,803	JVE-4	\$2,174	N/A	8VM
	10000	5008P	24.5	\$74,455	EV-4	5008P	24.5	\$85,624	EVE-4	\$2,174	---	8VM
200	10000	449VP	24.5	\$82,582	JV-4	449VP	24.5	\$94,969	JVE-4	\$2,174	N/A	8VM
	10000	5008P	24.5	\$91,700	EV-4	5008P	24.5	\$105,455	EVE-4	\$2,174	---	8VM
250	11000	5807P	30.5	\$93,026	JV-4	5807P	30.5	\$106,977	JVE-4	\$2,200	\$11,326	8VM
300	11000	5807P	30.5	\$107,700	JV-4	5807P	30.5	\$123,854	JVE-4	\$2,225	\$13,469	8VM
350	11000	5807P	30.5	\$120,986	JV-4	5807P	30.5	\$139,134	JVE-4	\$2,261	\$13,469	8VM
400	11000	5809P	30.5	\$134,509	JV-4	5809P	30.5	\$154,685	JVE-4	\$2,406	\$19,484	8VM
450	11000	5809P	30.5	\$154,636	JV-4	5809P	30.5	\$177,831	JVE-4	\$2,918	\$19,484	8VM
500	11000	5811P	30.5	\$176,286	JV-4	5811P	30.5	\$202,728	JVE-4	\$3,324	\$19,484	8VM
600	10600	5812P	30.5	\$202,730	JV-4	5812P	30.5	\$233,138	JVE-4	\$3,824	N/A	8VM
700	10600	5812P	30.5	\$218,405	JV-4	5812P	30.5	\$251,166	JVE-4	\$5,952	N/A	8VM
800**	10600	5812P	30.5	\$234,436	JV-4	5812P	30.5	\$269,601	JVE-4	\$6,388	N/A	8VM
900	13700	6812VPA	36	\$247,512	JV-4	6812VPA	36	\$284,639	JVE-4	\$6,771	N/A	9VM
1000	13700	6812VPA	36	\$260,930	JV-4	6812VPA	36	\$300,070	JVE-4	\$7,178	N/A	9VM
1250	13700	6812VPA	36	\$291,686	JV-4	6812VPA	36	\$335,439	JVE-4	\$7,608	N/A	9VM

**4160 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	10000	449VP	24.5	\$79,472	JV-4	449VP	24.5	\$91,392	JVE-4	\$2,174	N/A	8VM
	10000	5008P	24.5	\$87,143	EV-4	5008P	24.5	\$100,214	EVE-4	\$2,174	---	8VM
200	11000	5807P	30.5	\$93,901	JV-4	5807P	30.5	\$107,986	JVE-4	\$2,174	N/A	8VM
	11000	5807P	30.5	\$103,016	EV-4	5807P	30.5	\$118,469	EVE-4	\$2,174	---	8VM
250	11000	5807P	30.5	\$99,791	JV-4	5807P	30.5	\$114,761	JVE-4	\$2,200	\$11,326	8VM
300	11000	5807P	30.5	\$114,162	JV-4	5807P	30.5	\$131,284	JVE-4	\$2,225	\$13,469	8VM
350	11000	5807P	30.5	\$128,404	JV-4	5807P	30.5	\$147,664	JVE-4	\$2,261	\$13,469	8VM
400	11000	5809P	30.5	\$142,580	JV-4	5809P	30.5	\$163,967	JVE-4	\$2,406	\$19,484	8VM
450	11000	5811P	30.5	\$163,915	JV-4	5811P	30.5	\$188,502	JVE-4	\$2,918	\$19,484	8VM
500	11000	5811P	30.5	\$186,864	JV-4	5811P	30.5	\$214,892	JVE-4	\$3,324	\$19,484	8VM
600	10600	5812P	30.5	\$214,894	JV-4	5812P	30.5	\$247,129	JVE-4	\$3,824	N/A	8VM
700	10600	5812P	30.5	\$229,325	JV-4	5812P	30.5	\$263,724	JVE-4	\$5,952	N/A	8VM
800**	10600	5812P	30.5	\$246,158	JV-4	5812P	30.5	\$283,082	JVE-4	\$6,388	N/A	8VM
900	13700	6812VPA	36	\$260,943	JV-4	6812VPA	36	\$300,084	JVE-4	\$6,771	N/A	9VM
1000	13700	6812VPA	36	\$273,976	JV-4	6812VPA	36	\$315,072	JVE-4	\$7,178	N/A	9VM
1250	13700	6812VPA	36	\$306,270	JV-4	6812VPA	36	\$352,211	JVE-4	\$7,608	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design

\*\* Class B rise by embedded detector at 1.0 Service Factor. Price includes 100 ohm winding Resistance Temperature Detectors

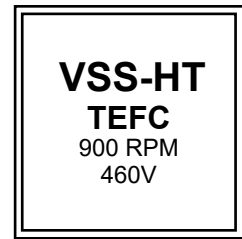
\*NRR = Non-Reverse Ratchet SRC = Self Release Coupling

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 Solid Shaft**  
**High Thrust - "P" Base**  
**Totally Enclosed Fan Cooled (TEFC)**  
**8 Pole, 900 RPM**



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**200, 230/460, 575 Volts (&)**

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type			
1.5	2000	184VP	\$2,322	TV-4	184VP	\$2,538	TVE-4	184VP	\$2,664	TVS-4	\$286	\$634	7VM
2	3200	213VP	\$2,340	TV-4	213VP	\$2,805	TVE-4	213VP	\$2,946	TVS-4	\$291	\$822	7VM
3	3200	215VP	\$2,662	TV-4	215VP	\$3,397	TVE-4	215VP	\$3,566	TVS-4	\$385	\$822	7VM
5	4200	254VP	\$4,028	TV-4	254VP	\$4,897	TVE-4	254VP	\$5,141	TVS-4	\$469	\$1,502	7VM
7.5	4200	256VP	\$4,638	TV-4	256VP	\$5,507	TVE-4	256VP	\$5,782	TVS-4	\$540	\$1,502	7VM
10	4200	284VP	\$5,737	TV-4	284VP	\$6,859	TVE-4	284VP	\$7,202	TVS-4	\$540	\$2,347	7VM
15	4200	286VP	\$6,526	TV-4	286VP	\$7,648	TVE-4	286VP	\$8,031	TVS-4	\$704	\$2,347	7VM
20	5600	324VP	\$8,277	TV-4	324VP	\$9,744	TVE-4	324VP	\$10,232	TVS-4	\$784	\$3,192	7VM
25	5600	326VP	\$9,531	TV-4	326VP	\$10,998	TVE-4	326VP	\$11,547	TVS-4	\$894	\$3,192	7VM
30	7000	364VP	\$11,333	TV-4	364VP	\$13,204	TVE-4	364VP	\$13,864	TVS-4	\$1,089	\$4,225	7VM
40	7000	365VP	\$13,812	TV-4	365VP	\$16,415	TVE-4	365VP	\$17,237	TVS-4	\$1,310	\$4,225	7VM
50	8800	404VP	\$16,789	TV-4	404VP	\$20,406	TVE-4	404VP	\$21,427	TVS-4	\$1,596	\$4,930	7VM
60	8800	405VP	\$19,601	TV-4	405VP	\$23,218	TVE-4	405VP	\$24,380	TVS-4	\$1,840	\$4,930	7VM
75	11700	444VP	\$24,812	TV-4	444VP	\$30,343	TVE-4	444VP	\$31,859	TVS-4	\$2,033	\$6,103	7VM
100	11700	447VP	\$33,183	TV-4	447VP	\$38,714	TVE-4	447VP	\$40,650	TVS-4	\$2,718	\$7,042	7VM
125	11700	447VP	\$45,277	TV-4	447VP	\$50,808	TVE-4	447VP	\$53,347	TVS-4	\$2,718	\$7,042	7VM
150	11000	449VP	\$69,326	JV-4	449VP	\$75,737	JV-4	449VP	\$79,723	JVE-4	\$1,674	N/A	8VM
	11000	5008P	\$79,009	EV-4	5008P	\$86,319	EV-4	5008P	\$90,862	EVE-4	\$1,674	---	8VM
200	11000	449VP	\$80,596	JV-4	449VP	\$88,051	JV-4	449VP	\$92,685	JVE-4	\$1,674	N/A	8VM
	11000	5008P	\$90,467	EV-4	5008P	\$98,836	EV-4	5008P	\$104,038	EVE-4	\$1,674	---	8VM
250	11000	449VP	\$90,500	JV-4	449VP	\$98,869	JV-4	449VP	\$104,073	JVE-4	\$1,878	N/A	8VM
	12300	5807P	\$101,826	EV-4	5807P	\$111,246	EV-4	5807P	\$117,101	EVE-4	\$1,878	---	8VM
300	12300	5807P	\$107,589	JV-4	5807P	\$117,539	JV-4	5807P	\$123,725	JVE-4	\$2,690	\$13,465	8VM
350	12300	5807P	\$125,653	JV-4	5807P	\$137,275	JV-4	5807P	\$144,500	JVE-4	\$3,143	\$13,465	8VM
400	12300	5809P	\$143,603	JV-4	5809P	\$156,886	JV-4	5809P	\$165,143	JVE-4	\$3,671	\$19,484	8VM
450	12300	5809P	\$158,451	JV-4	5809P	\$173,107	JV-4	5809P	\$182,218	JVE-4	\$4,038	\$19,484	8VM
500	12300	5811P	\$179,505	JV-4	5811P	\$196,109	JV-4	5811P	\$206,430	JVE-4	\$4,587	\$22,007	8VM
600	11700	5812P	\$202,840	JV-4	---	---	---	5812P	\$233,226	JVE-4	\$5,153	N/A	8VM
700	15000	6812VPA	\$229,209	JV-4	---	---	---	6812VPA	\$263,590	JVE-4	\$5,563	N/A	9VM
800	15000	6812VPA	\$259,006	JV-4	---	---	---	6812VPA	\$297,857	JVE-4	\$6,146	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 & Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 is standard

\* NRR = Non-Reverse Ratchet

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)



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

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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**2300 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz.Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
125	11000	449VP	24.5	\$74,303	JV-4	449VP	24.5	\$85,446	JVE-4	\$1,955	N/A	8VM
	11000	5008P	24.5	\$84,866	EV-4	5008P	24.5	\$97,596	EVE-4	\$1,955	---	8VM
150	11000	449VP	24.5	\$82,873	JV-4	449VP	24.5	\$95,303	JVE-4	\$2,185	N/A	8VM
	11000	5008P	24.5	\$93,592	EV-4	5008P	24.5	\$107,631	EVE-4	\$2,185	---	8VM
200	12300	5807P	30.5	\$103,540	JV-4	5807P	30.5	\$119,070	JVE-4	\$2,230	\$13,469	8VM
250	12300	5807P	30.5	\$115,852	JV-4	5807P	30.5	\$133,228	JVE-4	\$2,390	\$13,469	8VM
300	12300	5807P	30.5	\$131,984	JV-4	5807P	30.5	\$151,782	JVE-4	\$2,721	\$13,469	8VM
350	12300	5809P	30.5	\$149,427	JV-4	5809P	30.5	\$171,840	JVE-4	\$3,852	\$19,484	8VM
400	12300	5809P	30.5	\$170,775	JV-4	5809P	30.5	\$196,392	JVE-4	\$4,385	\$19,484	8VM
450	12300	5811P	30.5	\$197,972	JV-4	5811P	30.5	\$227,669	JVE-4	\$5,117	\$22,007	8VM
500	12300	5811P	30.5	\$219,967	JV-4	5811P	30.5	\$252,962	JVE-4	\$5,688	\$22,007	8VM
600	11700	5812P	30.5	\$239,040	JV-4	5812P	30.5	\$272,898	JVE-4	\$6,620	N/A	8VM
700	15000	6812VPA	36	\$257,718	JV-4	6812VPA	36	\$296,376	JVE-4	\$7,704	N/A	9VM
800	15000	6812VPA	36	\$276,634	JV-4	6812VPA	36	\$318,130	JVE-4	\$8,937	N/A	9VM
900	15000	6812VPA	36	\$292,064	JV-4	6812VPA	36	\$335,874	JVE-4	\$9,301	N/A	9VM
1000	15000	6812VPA	36	\$307,897	JV-4	6812VPA	36	\$354,082	JVE-4	\$10,417	N/A	9VM

**4160 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz.Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	11000	449VP	24.5	\$98,617	JV-4	449VP	24.5	\$113,411	JVE-4	\$2,185	N/A	8VM
	11000	5008P	24.5	\$112,232	EV-4	5008P	24.5	\$129,068	EVE-4	\$2,185	---	8VM
200	12300	5807P	30.5	\$123,214	JV-4	5807P	30.5	\$141,695	JVE-4	\$2,230	\$13,469	8VM
250	12300	5807P	30.5	\$135,329	JV-4	5807P	30.5	\$155,629	JVE-4	\$2,390	\$13,469	8VM
300	12300	5809P	30.5	\$152,310	JV-4	5809P	30.5	\$175,157	JVE-4	\$2,721	\$19,484	8VM
350	12300	5809P	30.5	\$172,455	JV-4	5809P	30.5	\$198,324	JVE-4	\$3,852	\$19,484	8VM
400	12300	5811P	30.5	\$197,089	JV-4	5811P	30.5	\$226,653	JVE-4	\$4,385	\$22,007	8VM
450	12300	5811P	30.5	\$221,728	JV-4	5811P	30.5	\$254,986	JVE-4	\$5,117	\$22,007	8VM
500	11700	5812P	30.5	\$246,362	JV-4	5812P	30.5	\$283,317	JVE-4	\$5,688	N/A	8VM
600	11700	5812P	30.5	\$250,992	JV-4	5812P	30.5	\$288,661	JVE-4	\$6,620	N/A	8VM
700	15000	6812VPA	36	\$270,604	JV-4	6812VPA	36	\$320,488	JVE-4	\$7,704	N/A	9VM
800	15000	6812VPA	36	\$288,005	JV-4	6812VPA	36	\$341,097	JVE-4	\$8,937	N/A	9VM
900	15000	6812VPA	36	\$305,303	JV-4	6812VPA	36	\$351,098	JVE-4	\$9,301	N/A	9VM
1000	15000	6812VPA	36	\$320,552	JV-4	6812VPA	36	\$368,635	JVE-4	\$10,417	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 \* NRR = Non-Reverse Ratchet

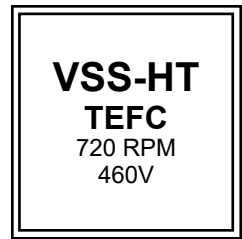
See Page M-84 For Available And Alternate BD Dimensions



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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**200, 230/460, 575 Volts (&)**

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Adder C.L.1 Grp. D. Haz. Loc.	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type			
1.5	3400	213VP	\$3,038	TV-4	213VP	\$3,521	TVE-4	213VP	\$3,697	TVS-4	\$326	\$822	7VM
2	3400	215VP	\$3,660	TV-4	215VP	\$4,099	TVE-4	215VP	\$4,303	TVS-4	\$385	\$822	7VM
3	4500	254VP	\$4,629	TV-4	254VP	\$5,369	TVE-4	254VP	\$5,636	TVS-4	\$570	\$1,502	7VM
5	4500	256VP	\$6,390	TV-4	256VP	\$7,211	TVE-4	256VP	\$7,573	TVS-4	\$702	\$1,502	7VM
7.5	4500	284VP	\$7,493	TV-4	284VP	\$8,362	TVE-4	284VP	\$8,779	TVS-4	\$810	\$2,347	7VM
10	4500	286VP	\$8,282	TV-4	286VP	\$9,404	TVE-4	286VP	\$9,873	TVS-4	\$894	\$2,347	7VM
15	6000	324VP	\$10,540	TV-4	324VP	\$11,662	TVE-4	324VP	\$12,244	TVS-4	\$1,026	\$3,192	7VM
20	7600	364VP	\$12,413	TV-4	364VP	\$13,880	TVE-4	364VP	\$14,575	TVS-4	\$1,202	\$4,225	7VM
25	7600	365VP	\$14,296	TV-4	404VP	\$15,763	TVE-4	365VP	\$16,552	TVS-4	\$1,385	\$4,225	7VM
30	9500	404VP	\$17,113	TV-4	405VP	\$19,251	TVE-4	404VP	\$20,214	TVS-4	\$1,526	\$4,930	7VM
40	9500	405VP	\$20,620	TV-4	405VP	\$23,197	TVE-4	405VP	\$24,357	TVS-4	\$1,631	\$4,930	7VM
50	12600	444VP	\$23,934	TV-4	444VP	\$26,927	TVE-4	444VP	\$28,275	TVS-4	\$1,854	\$6,103	7VM
60	12600	447VP	\$30,009	TV-4	447VP	\$33,627	TVE-4	447VP	\$35,308	TVS-4	\$1,869	\$7,042	7VM
75	12600	447VP	\$35,714	TV-4	447VP	\$40,178	TVE-4	447VP	\$42,188	TVS-4	\$1,995	\$7,042	7VM
100	11900	449VP	\$62,211	JV-4	---	---	---	449VP	\$71,542	JVE-4	\$1,887	N/A	9VM
	11900	5008P	\$73,178	EV-4	---	---	---	5008P	\$84,155	EVE-4	\$1,887	---	9VM
125	11900	449VP	\$65,129	JV-4	---	---	---	449VP	\$74,899	JVE-4	\$2,014	N/A	9VM
	11900	5008P	\$79,385	EV-4	---	---	---	5008P	\$91,293	EVE-4	\$2,014	---	9VM
150	11900	449VP	\$86,559	JV-4	---	---	---	449VP	\$99,542	JVE-4	\$2,674	N/A	9VM
	11900	5008P	\$99,777	EV-4	---	---	---	5008P	\$114,474	EVE-4	\$2,674	---	9VM
200	13100	5807P	\$117,650	JV-4	---	---	---	5807P	\$135,298	JVE-4	\$3,718	\$13,469	9VM
250	13100	5809P	\$133,298	JV-4	---	---	---	5809P	\$153,293	JVE-4	\$4,385	\$13,469	9VM
300	13100	5809P	\$143,556	JV-4	---	---	---	5809P	\$165,089	JVE-4	\$5,261	\$13,469	9VM
350	13100	5811P	\$164,624	JV-4	---	---	---	5811P	\$189,319	JVE-4	\$5,589	\$19,484	9VM
400	13100	5811P	\$189,561	JV-4	---	---	---	5811P	\$217,995	JVE-4	\$5,918	\$19,484	9VM
500	12600	5812P	\$201,056	JV-4	---	---	---	5812P	\$231,214	JVE-4	\$6,388	N/A	9VM
600	16300	6812VPA	\$227,193	JV-4	---	---	---	6812VPA	\$261,272	JVE-4	\$7,730	N/A	9VM
700	16300	6812VPA	\$256,728	JV-4	---	---	---	6812VPA	\$295,237	JVE-4	\$8,344	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design  
 & Standard Voltages Thru 405 Frame; 444 Frame & Larger, Single Voltage 460 or 575 Standard  
 \* NRR = Non-Reverse Ratchet

See Page M-84 For Available And Alternate BD Dimensions



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



**APPLICATIONS:**

For use on Turbine, Mix Flow and Propeller Pumps

**FEATURES:**

- \* 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

**2300 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz.Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	13100	5807P	30.5	\$124,810	JV-4	5807P	30.5	\$143,532	JVE-4	\$2,390	\$13,469	9VM
200	13100	5809P	30.5	\$140,005	JV-4	5809P	30.5	\$161,006	JVE-4	\$2,721	\$19,484	9VM
250	13100	5809P	30.5	\$157,958	JV-4	5809P	30.5	\$181,652	JVE-4	\$3,852	\$19,484	9VM
300	13100	5811P	30.5	\$169,941	JV-4	5811P	30.5	\$195,432	JVE-4	\$4,385	\$22,007	9VM
350	13100	5811P	30.5	\$195,080	JV-4	5811P	30.5	\$224,342	JVE-4	\$5,117	\$22,007	9VM
400	12600	5812P	30.5	\$221,784	JV-4	5812P	30.5	\$255,052	JVE-4	\$5,688	N/A	9VM
450	12600	5812P	30.5	\$257,364	JV-4	5812P	30.5	\$295,968	JVE-4	\$6,620	N/A	9VM
500	12600	5812P	30.5	\$285,957	JV-4	5812P	30.5	\$328,851	JVE-4	\$7,613	N/A	9VM
600	12600	5812P	30.5	\$310,752	JV-4	5812P	30.5	\$357,365	JVE-4	\$8,755	N/A	9VM
700	16300	6812PA	36	\$335,033	JV-4	6812PA	36	\$385,288	JVE-4	\$10,068	N/A	9VM
800	16300	6812PA	36	\$359,625	JV-4	6812PA	36	\$413,569	JVE-4	\$11,578	N/A	9VM

**4160 Volt**

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Adder C.L.1 Grp. D. Haz.Loc.	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type			
150	13100	5807P	30.5	\$133,133	JV-4	5807P	30.5	\$153,103	JVE-4	\$2,390	\$13,469	9VM
200	13100	5809P	30.5	\$166,606	JV-4	5809P	30.5	\$191,597	JVE-4	\$2,721	\$19,484	9VM
250	13100	5809P	30.5	\$187,970	JV-4	5809P	30.5	\$216,166	JVE-4	\$3,852	\$19,484	9VM
300	13100	5811P	30.5	\$202,230	JV-4	5811P	30.5	\$232,565	JVE-4	\$4,385	\$22,007	9VM
350	13100	5811P	30.5	\$232,145	JV-4	5811P	30.5	\$266,967	JVE-4	\$5,117	\$22,007	9VM
400	12600	5812P	30.5	\$263,923	JV-4	5812P	30.5	\$303,511	JVE-4	\$5,688	N/A	9VM
450	12600	5812P	30.5	\$306,263	JV-4	5812P	30.5	\$352,203	JVE-4	\$6,620	N/A	9VM
500	12600	5812P	30.5	\$340,289	JV-4	5812P	30.5	\$391,332	JVE-4	\$7,613	N/A	9VM
600	12600	5812P	30.5	\$369,795	JV-4	5812P	30.5	\$425,264	JVE-4	\$8,755	N/A	9VM
700	16300	6812PA	36	\$398,690	JV-4	6812PA	36	\$458,494	JVE-4	\$10,068	N/A	9VM
800	16300	6812PA	36	\$427,954	JV-4	6812PA	36	\$492,147	JVE-4	\$11,578	N/A	9VM

# Momentary Upthrust Capacity is 30% of Standard High Thrust Design

\* NRR = Non-Reverse Ratchet

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