

Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
20	2600	254VP	\$3,221	AV-4	254VP	\$3,729	AVE-4	254VP	\$4,098	AVS-4	\$347	7VM
25	2600	256VP	\$3,404	AV-4	256VP	\$4,006	AVE-4	256VP	\$4,413	AVS-4	\$371	7VM
30	2600	284VPZ	\$3,728	AV-4	284VPZ	\$4,306	AVE-4	284VPZ	\$4,901	AVS-4	\$399	7VM
40	2600	286VPZ	\$4,873	AV-4	286VPZ	\$5,223	AVE-4	286VPZ	\$5,498	AVS-4**	\$526	7VM
50	4600	324VP	\$5,620	RV-4	324VP	\$6,437	RVE-4	324VP	\$6,754	RVS-4	\$535	7VM
60	4600	326VP	\$6,704	RV-4	326VP	\$7,330	RVE-4	326VP	\$7,755	RVS-4	\$638	7VM
75	4500	364VP	\$8,073	RV-4	364VP	\$8,498	RVE-4	364VP	\$8,945	RVS-4	\$793	7VM
100	4500	365VP	\$11,305	RV-4	365VP	\$11,973	RVE-4	365VP	\$12,618	RVS-4	\$1,075	7VM
125	5200	404VP	\$14,202	RV-4	404VP	\$16,144	RVE-4	404VP	\$16,088	RVS-4	\$1,347	7VM
150	5200	405VP	\$17,258	RV-4	405VP	\$18,797	RVE-4	405VP	\$22,573	RVS-4	\$1,347	7VM
200	7000	444VP	\$25,209	RV-4	444VP	\$25,903	RVE-4	444VP	\$29,515	RVS-4	N/A	7VM
250	7000	445VP	\$31,115	RV-4	445VP	\$33,149	RVE-4	445VP	\$34,574	RVS-4	N/A	7VM
300	7000	5008VP	\$45,338	RV-4	5008VP	\$53,844	RV-4	5008VP	\$56,678	RVE-4	N/A	8VM
350	7000	5008VP	\$58,979	RV-4	5008VP	\$70,037	RV-4	5008VP	\$73,723	RVE-4	N/A	8VM
400	7000	5008VP	\$70,488	RV-4	5012VP	\$83,703	RV-4	5012VP	\$88,108	RVE-4	N/A	8VM
450	7000	5008VP	\$73,458	RV-4	5012VP	\$87,235	RV-4	5012VP	\$91,826	RVE-4	N/A	8VM
500	7000	5012VP	\$76,427	RV-4	5012VP	\$90,752	RV-4	5012VP	\$95,528	RVE-4	N/A	8VM
600	7000	5012VP	\$91,711	RV-4	---	---	---	5012VP	\$114,636	RVE-4	N/A	8VM

The Open Motor Product Is Not Available Below 254 Frame, Use TEFC
 # Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 & Standard Voltages Through 365 Frame; Single Voltage 400 or 575 Is Standard
 Non-reverse ratchets are not available on 2-pole, 440 frames and larger
 * NRR = Non-Reverse Ratchet
 ** Cast Iron Frame

See Page M-83 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
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type		
150	7000	5008VP	24.5	\$42,690	RV-4	5008VP	24.5	\$49,094	RVE-4	N/A	8VM
200	7000	5008VP	24.5	\$44,033	RV-4	5008VP	24.5	\$50,634	RVE-4	N/A	8VM
250	7000	5008VP	24.5	\$52,573	RV-4	5008VP	24.5	\$60,460	RVE-4	N/A	8VM
300	7000	5008VP	24.5	\$60,225	RV-4	5008VP	24.5	\$69,261	RVE-4	N/A	8VM
350	7000	5008VP	24.5	\$67,883	RV-4	5008VP	24.5	\$78,063	RVE-4	N/A	8VM
400	7000	5008VP	24.5	\$75,200	RV-4	5008VP	24.5	\$86,479	RVE-4	N/A	8VM
450	7000	5008VP	24.5	\$83,188	RV-4	5008VP	24.5	\$95,667	RVE-4	N/A	8VM
500	7000	5012VP	24.5	\$90,840	RV-4	5012VP	24.5	\$104,467	RVE-4	N/A	8VM
600	7000	5012VP	24.5	\$112,660	RV-4	5012VP	24.5	\$129,556	RVE-4	N/A	8VM
700	7000	5012VP	24.5	\$127,277	RV-4	5012VP	24.5	\$146,369	RVE-4	N/A	8VM
800	7000	5012VP	24.5	\$141,892	RV-4	5012VP	24.5	\$163,178	RVE-4	N/A	8VM

4160 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD(in)	List	Type		
150	7000	5008VP	24.5	\$49,094	RV-4	5008VP	24.5	\$56,458	RVE-4	N/A	8VM
200	7000	5008VP	24.5	\$50,634	RV-4	5008VP	24.5	\$58,228	RVE-4	N/A	8VM
250	7000	5008VP	24.5	\$60,467	RV-4	5008VP	24.5	\$69,538	RVE-4	N/A	8VM
300	7000	5008VP	24.5	\$69,263	RV-4	5008VP	24.5	\$79,655	RVE-4	N/A	8VM
350	7000	5008VP	24.5	\$78,063	RV-4	5008VP	24.5	\$89,775	RVE-4	N/A	8VM
400	7000	5008VP	24.5	\$86,479	RV-4	5012VP	24.5	\$99,451	RVE-4	N/A	8VM
450	7000	5008VP	24.5	\$95,667	RV-4	5012VP	24.5	\$110,014	RVE-4	N/A	8VM
500	7000	5012VP	24.5	\$104,467	RV-4	5012VP	24.5	\$120,136	RVE-4	N/A	8VM
600	7000	5012VP	24.5	\$128,089	RV-4	5012VP	24.5	\$147,303	RVE-4	N/A	8VM
700	7000	5012VP	24.5	\$143,188	RV-4	5012VP	24.5	\$164,667	RVE-4	N/A	8VM
800	7000	5012VP	24.5	\$159,631	RV-4	5012VP	24.5	\$183,575	RVE-4	N/A	8VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 * NRR = Non-Reverse Ratchet - Not available on these ratings

See Page M-83 For Available And Alternate BD Dimensions



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**Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
15	3300	254VP	\$3,028	AV-4	254VP	\$3,550	AVE-4	254VP	\$3,809	AVS-4	\$329	7VM
20	3300	256VP	\$3,451	AV-4	256VP	\$3,941	AVE-4	256VP	\$4,171	AVS-4	\$376	7VM
25	3300	284VPZ	\$3,850	AV-4	284VPZ	\$4,508	AVE-4	284VPZ	\$4,752	AVS-4	\$418	7VM
30	3300	286VPZ	\$4,329	AV-4	286VPZ	\$4,909	AVE-4	286VPZ	\$5,168	AVS-4	\$465	7VM
40	5700	324VP	\$5,108	RV-4	324VP	\$5,507	RVE-4	324VP	\$5,797	RVS-4	\$484	7VM
50	5700	326VP	\$6,061	RV-4	326VP	\$6,456	RVE-4	326VP	\$6,797	RVS-4	\$577	7VM
60	5700	364VP	\$7,000	RV-4	364VP	\$7,595	RVE-4	364VP	\$7,995	RVS-4	\$662	7VM
75	5700	365VP	\$8,521	RV-4	365VP	\$9,054	RVE-4	365VP	\$9,530	RVS-4	\$808	7VM
100	6700	404VP	\$10,765	RV-4	404VP	\$11,603	RVE-4	404VP	\$12,213	RVS-4	\$1,019	7VM
125	6700	405VP	\$13,005	RV-4	405VP	\$14,419	RVE-4	405VP	\$15,177	RVS-4	\$1,235	7VM
150	9800	H444VP	\$15,883	RV-4	H444VP	\$19,181	RVE-4	H444VP	\$20,189	RVS-4	\$1,300	7VM
200	9800	H445VP	\$21,587	RV-4	H445VP	\$24,501	RVE-4	H445VP	\$25,831	RVS-4	\$1,347	7VM
250	9800	H445VP	\$26,162	RV-4	H445VP	\$31,282	RVE-4	H445VP	\$32,699	RVS-4	\$1,347	7VM
300	9800	447VP@	\$39,380	RV-4	447VP@	\$47,790	RVE-4	447VP@	\$50,305	RVS-4	\$1,559	8VM
350	9800	447VP@	\$43,354	RV-4	447VP@	\$51,482	RVE-4	447VP@	\$54,192	RVS-4	\$1,559	8VM
400	9500	449VP@	\$49,305	RV-4	449VP@	\$58,549	RV-4	449VP@	\$61,631	RVS-4	\$1,570	8VM
450	9500	449VP@	\$55,458	RV-4	449VP@	\$65,856	RV-4	449VP@	\$69,322	RVS-4	\$1,596	8VM
500	9500	449VP@	\$64,522	RV-4	449VP@	\$70,490	RV-4	449VP@	\$74,200	RVE-4	\$1,761	8VM
600	9500	5008VP	\$73,063	RV-4	---	---	---	5012VP+	\$91,329	RVE-4	\$1,908	8VM
700	10300	5012VP	\$85,242	RV-4	---	---	---	5012VP	\$106,549	RVE-4	\$2,214	8VM
800	10300	5012VP	\$97,418	RV-4	---	---	---	5012VP	\$121,772	RVE-4	\$2,531	8VM

The Open Motor Product Is Not Available Below 254 Frame, use TEFC
 # Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 & Standard Voltages Thru 404 Frame; 405 Frame & Larger, Single Voltage 460 or 575 is standard
 @Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.
 + 10,300 Lbs. Downthrust For 5012 Frame
 * NRR = Non-Reverse Ratchet

See Page M-83 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)



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Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	BD(in)	List	Type	Frame	BD(in)	List	Type		
150	9800	447VP@	20	\$30,833	RV-4	447VP@	20	\$35,458	RVS-4	\$1,761	8VM
200	9800	447VP@	20	\$34,096	RV-4	447VP@	20	\$39,211	RVS-4	\$1,761	8VM
250	9800	447VP@	20	\$39,190	RV-4	449VP@	24.5	\$45,068	RVS-4	\$1,843	8VM
300	9500	449VP@	24.5	\$44,085	RV-4	449VP@	24.5	\$50,695	RVS-4	\$1,873	8VM
350	9500	5008VP	24.5	\$50,007	RV-4	5008VP	24.5	\$57,507	RVE-4	\$1,873	8VM
400	9500	5008VP	24.5	\$52,836	RV-4	5008VP	24.5	\$60,758	RVE-4	\$1,960	8VM
450	9500	5008VP	24.5	\$58,650	RV-4	5008VP	24.5	\$67,448	RVE-4	\$1,960	8VM
500	9500	5008VP	24.5	\$67,354	RV-4	5012VP+	24.5	\$77,455	RVE-4	\$1,995	8VM
600	10300	5012VP	24.5	\$81,432	RV-4	5012VP	24.5	\$93,646	RVE-4	\$2,183	8VM
700	10300	5012VP	24.5	\$92,535	RV-4	5012VP	24.5	\$106,415	RVE-4	\$2,425	8VM
800	10300	5012VP	24.5	\$104,061	RV-4	5012VP	24.5	\$119,669	RVE-4	\$2,425	8VM
900	10300	5012VP	24.5	\$117,068	RV-4	5012VP	24.5	\$134,627	RVE-4	\$2,484	8VM
1000	10300	5012VP	24.5	\$129,944	RV-4	5012VP	24.5	\$149,434	RVE-4	\$2,484	8VM
1250	11900	5813VP	30.5	\$162,430	RV-4	5813VP	30.5	\$186,793	RVE-4	\$3,312	8VM
1500	11900	5813VP	30.5	\$186,545	RV-4	5813VP	30.5	\$214,526	RVE-4	\$3,930	8VM
1750	11900	5813VP	30.5	\$217,636	RV-4	5813VP	30.5	\$250,279	RVE-4	\$5,441	8VM
2000	10300	6813P	30.5	\$233,087	RV-4	6813P	30.5	\$268,049	RVE-4	\$5,977	9VM
2250	10300	6813P	30.5	\$240,293	RV-4	6813P	30.5	\$276,336	RVE-4	\$6,165	9VM
2500	10300	6813P	30.5	\$247,725	RV-4	6813P	30.5	\$284,883	RVE-4	\$6,352	9VM
3000	10300	6813P	30.5	\$358,305	RV-4	6813P	30.5	\$412,052	RVE-4	\$10,289	9VM
3500	10300	6813P	30.5	\$395,812	RV-4	6813P	30.5	\$455,185	RVE-4	\$11,369	9VM
4000*	10300	6813P	30.5	\$413,732	RV-4	6813P	30.5	\$475,793	RVE-4	\$11,880	9VM
4500*	8600	9608PH	42	\$438,829	RV-4	9608PH	42	\$504,655	RVE-4	\$12,603	9VM
5000*	8600	9608PH	42	\$462,582	RV-4	9608PH	42	\$531,969	RVE-4	\$12,603	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design

+ 10,300 Lbs. Downthrust for 5012 Frame

@Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.

*Maximum Full Load Test Capacity is 3500 HP

*NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



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Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

4160 Volt

HP	Down Thrust (lbs)(#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD	List	Type	Frame	BD	List	Type		
250	9500	449VP@	24.5	\$44,599	RV-4	449VP@	24.5	\$51,289	RVS-4	\$1,843	8VM
300	9500	449VP@	24.5	\$50,167	RV-4	449VP@	24.5	\$57,695	RVS-4	\$1,873	8VM
350	9500	5008VP	24.5	\$56,908	RV-4	5008VP	24.5	\$65,444	RVE-4	\$1,873	8VM
400	9500	5008VP	24.5	\$60,512	RV-4	5008VP	24.5	\$69,587	RVE-4	\$1,960	8VM
450	9500	5008VP	24.5	\$67,171	RV-4	5008VP	24.5	\$77,249	RVE-4	\$1,960	8VM
500	9500	5008VP	24.5	\$77,455	RV-4	5012VP+	24.5	\$89,075	RVE-4	\$1,995	8VM
600	10300	5012VP	24.5	\$91,610	RV-4	5012VP	24.5	\$105,352	RVE-4	\$2,183	8VM
700	10300	5012VP	24.5	\$104,531	RV-4	5012VP	24.5	\$120,211	RVE-4	\$2,425	8VM
800	10300	5012VP	24.5	\$117,549	RV-4	5012VP	24.5	\$135,183	RVE-4	\$2,425	8VM
900	10300	5012VP	24.5	\$131,962	RV-4	5012VP	24.5	\$151,758	RVE-4	\$2,484	8VM
1000	10300	5012VP	24.5	\$146,122	RV-4	5012VP	24.5	\$168,040	RVE-4	\$2,484	8VM
1250	11900	5813VP	30.5	\$179,657	RV-4	5813VP	30.5	\$206,606	RVE-4	\$3,312	8VM
1500	11900	5813VP	30.5	\$205,237	RV-4	5813VP	30.5	\$236,023	RVE-4	\$3,930	8VM
1750	11900	5813VP	30.5	\$243,751	RV-4	5813VP	30.5	\$280,315	RVE-4	\$5,441	8VM
2000	10300	6813P	30.5	\$261,059	RV-4	6813P	30.5	\$300,218	RVE-4	\$5,977	9VM
2250	10300	6813P	30.5	\$269,129	RV-4	6813P	30.5	\$309,498	RVE-4	\$5,977	9VM
2500	10300	6813P	30.5	\$277,453	RV-4	6813P	30.5	\$319,070	RVE-4	\$6,352	9VM
3000	10300	6813P	30.5	\$401,300	RV-4	6813P	30.5	\$461,493	RVE-4	\$10,289	9VM
3500	10300	6813P	30.5	\$443,310	RV-4	6813P	30.5	\$509,808	RVE-4	\$11,369	9VM
4000*	10300	6813P	30.5	\$463,380	RV-4	6813P	30.5	\$532,887	RVE-4	\$11,880	9VM
4500*	8600	9608PH	42	\$491,491	RV-4	9608PH	42	\$565,214	RVE-4	\$12,603	9VM
5000*	8600	9608PH	42	\$518,089	RV-4	9608PH	42	\$595,805	RVE-4	\$13,284	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
+ 10,300 Lbs. Downthrust for 5012 Frame
*Maximum Full Load Test Capacity is 3500 HP
* NRR = Non-Reverse Ratchet
@Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
6 Pole, 1200 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, 60 Degrees C 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

200, 230/460, 575 Volts (&)

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
7.5	3800	254VP	\$3,075	AV-4	254VP	\$3,810	AVE-4	254VP	\$4,039	AVS-4	\$376	7VM
10	3800	256VP	\$3,474	AV-4	256VP	\$4,343	AVE-4	256VP	\$4,604	AVS-4	\$385	7VM
15	3800	284VPZ	\$4,052	AV-4	284VPZ	\$5,174	AVE-4	284VPZ	\$5,485	AVS-4	\$411	7VM
20	3800	286VPZ	\$4,925	AV-4	286VPZ	\$6,047	AVE-4	286VPZ	\$6,410	AVS-4	\$469	7VM
25	6700	324VP	\$5,709	RV-4	324VP	\$7,176	RVE-4	324VP	\$7,535	RVS-4	\$540	7VM
30	6700	326VP	\$6,516	RV-4	326VP	\$7,984	RVE-4	326VP	\$8,383	RVS-4	\$620	7VM
40	6700	364VP	\$7,962	RV-4	364VP	\$10,566	RVE-4	364VP	\$11,094	RVS-4	\$756	7VM
50	6700	365VP	\$9,390	RV-4	365VP	\$11,993	RVE-4	365VP	\$12,592	RVS-4	\$869	7VM
60	7800	404VP	\$10,723	RV-4	404VP	\$14,340	RVE-4	404VP	\$15,056	RVS-4	\$1,019	7VM
75	7800	405VP	\$12,610	RV-4	405VP	\$16,228	RVE-4	405VP	\$17,040	RVS-4	\$1,197	7VM
100	11250	H444VP	\$15,648	RV-4	H444VP	\$21,178	RVE-4	H444VP	\$22,237	RVS-4	\$1,549	7VM
125	11250	H445VP	\$18,915	RV-4	H445VP	\$24,446	RVE-4	H445VP	\$25,669	RVS-4	\$1,549	7VM
150	11250	H445VP	\$22,850	RV-4	H445VP	\$28,380	RVE-4	H445VP	\$29,800	RVS-4	\$1,878	7VM
200	11250	447VP@	\$39,343	RV-4	447VP@	\$46,740	RV-4	447VP@	\$49,200	RVS-4	\$1,756	8VM
250	11250	447VP@	\$41,197	RV-4	447VP@	\$49,193	RV-4	447VP@	\$51,782	RVS-4	\$1,756	8VM
300	11000	449VP@	\$48,803	RV-4	449VP@	\$58,378	RV-4	449VP@	\$61,451	RVS-4	\$1,770	8VM
350	11000	5008VP	\$56,568	RV-4	5008VP	\$67,606	RV-4	5008VP	\$71,164	RVE-4	\$1,784	8VM
400	11000	5008VP	\$64,965	RV-4	5012VP+	\$77,606	RV-4	5012VP+	\$81,690	RVE-4	\$1,808	8VM
450	11900	5012VP	\$71,937	RV-4	5012VP	\$86,000	RV-4	5012VP	\$90,526	RVE-4	\$2,066	8VM
500	11900	5012VP	\$79,225	RV-4	5012VP	\$92,839	RV-4	5012VP	\$97,725	RVE-4	\$2,272	8VM
600	11900	5012VP	\$95,061	RV-4	---	---	---	5012VP	\$118,817	RVE-4	\$2,448	8VM
700	11900	5012VP	\$110,894	RV-4	---	---	---	5012VP	\$138,617	RVE-4	\$2,854	8VM
800	13700	5813VP	\$126,737	RV-4	---	---	---	5813VP	\$158,423	RVE-4	\$3,258	8VM

The Open Motor Product Is Not Available Below 254 Frame, Use TEFC
 # 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
 @Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.
 + 11,900 Lbs. Downthrust
 * NRR = Non-Reverse Ratchet SRC = Self Release Coupling

See Page M-83 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
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	11000	449VP@	24.5	\$37,101	RV-4	449VP@	24.5	\$42,667	RVS-4	\$1,761	8VM
200	11000	449VP@	24.5	\$43,418	RV-4	449VP@	24.5	\$49,932	RVS-4	\$1,761	8VM
250	11000	449VP@	24.5	\$52,049	RV-4	449VP@	24.5	\$59,857	RVS-4	\$1,831	8VM
300	11000	5008VP	24.5	\$56,960	RV-4	5008VP	24.5	\$65,505	RVE-4	\$1,890	8VM
350	11000	5008VP	24.5	\$67,366	RV-4	5008VP	24.5	\$77,472	RVE-4	\$2,120	8VM
400	11000	5008VP	24.5	\$74,495	RV-4	5012VP+	24.5	\$85,669	RVE-4	\$2,214	8VM
450	11000	5008VP	24.5	\$81,638	RV-4	5012VP+	24.5	\$93,883	RVE-4	\$2,343	8VM
500	11900	5012VP	24.5	\$88,075	RV-4	5012VP	24.5	\$101,286	RVE-4	\$2,531	8VM
600	11900	5012VP	24.5	\$104,176	RV-4	5012VP	24.5	\$119,800	RVE-4	\$2,608	8VM
700	11900	5012VP	24.5	\$113,498	RV-4	5012VP	24.5	\$130,523	RVE-4	\$4,991	8VM
800	13700	5813VP	30.5	\$124,162	RV-4	5813VP	30.5	\$142,784	RVE-4	\$5,502	8VM
900	13700	5813VP	30.5	\$140,336	RV-4	5813VP	30.5	\$161,385	RVE-4	\$5,777	8VM
1000	13700	5813VP	30.5	\$152,674	RV-4	5813VP	30.5	\$175,575	RVE-4	\$5,981	8VM
1250	13700	5813VP	30.5	\$175,397	RV-4	5813VP	30.5	\$201,704	RVE-4	\$6,099	8VM
1500	13700	6810P	30.5	\$199,866	HV-4	6810P	30.5	\$229,845	HVE-4	\$6,176	8VM
1750	11900	6813P	30.5	\$225,735	RV-4	6813P	30.5	\$259,596	RVE-4	\$6,305	9VM
2000	11900	6813P	30.5	\$257,981	RV-4	6813P	30.5	\$296,678	RVE-4	\$6,599	9VM
2250	11900	6813P	30.5	\$290,230	RV-4	6813P	30.5	\$333,765	RVE-4	\$7,420	9VM
2500	11900	6813P	30.5	\$322,477	RV-4	6813P	30.5	\$370,847	RVE-4	\$8,249	9VM
3000	10400	9606PH	42	\$361,817	RV-4	9606PH	42	\$416,089	RVE-4	\$9,995	9VM
3500	10400	9607PH	42	\$409,937	RV-4	9607PH	42	\$471,427	RVE-4	\$11,324	9VM
4000*	10400	9608PH	42	\$468,962	RV-4	9608PH	42	\$539,305	RVE-4	\$12,953	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
+11,900 Lbs. Downthrust for 5012 Frame
* Maximum Full Load Test Capacity is 3500 HP
* NRR = Non-Reverse Ratchet
@Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

4160 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	11000	449VP@	24.5	\$47,441	RV-4	449VP@	24.5	\$54,556	RVS-4	\$1,761	8VM
200	11000	5008VP	24.5	\$55,394	RV-4	5008VP	24.5	\$63,704	RVE-4	\$1,831	8VM
250	11000	5008VP	24.5	\$59,272	RV-4	5008VP	24.5	\$68,164	RVE-4	\$1,831	8VM
300	11000	5008VP	24.5	\$65,284	RV-4	5008VP	24.5	\$75,077	RVE-4	\$1,890	8VM
350	11000	5008VP	24.5	\$76,716	RV-4	5008VP	24.5	\$88,225	RVE-4	\$2,120	8VM
400	11000	5008VP	24.5	\$84,838	RV-4	5012VP+	24.5	\$97,566	RVE-4	\$2,214	8VM
450	11000	5008VP	24.5	\$92,054	RV-4	5012VP+	24.5	\$105,864	RVE-4	\$2,343	8VM
500	11900	5012VP	24.5	\$99,063	RV-4	5012VP	24.5	\$113,923	RVE-4	\$2,531	8VM
600	11900	5012VP	24.5	\$116,228	RV-4	5012VP	24.5	\$133,662	RVE-4	\$2,608	8VM
700	11900	5012VP	24.5	\$126,634	RV-4	5012VP	24.5	\$145,631	RVE-4	\$4,991	8VM
800	13700	5813VP	30.5	\$138,533	RV-4	5813VP	30.5	\$159,315	RVE-4	\$5,502	8VM
900	13700	5813VP	30.5	\$151,561	RV-4	5813VP	30.5	\$174,296	RVE-4	\$5,777	8VM
1000	13700	5813VP	30.5	\$164,890	RV-4	5813VP	30.5	\$189,622	RVE-4	\$5,981	8VM
1250	13700	5813VP	30.5	\$189,427	RV-4	5813VP	30.5	\$217,843	RVE-4	\$6,099	8VM
1500	13700	6810P	30.5	\$215,854	HV-4	6810P	30.5	\$248,230	HVE-4	\$6,176	8VM
1750	11900	6813P	30.5	\$243,791	RV-4	6813P	30.5	\$280,362	RVE-4	\$6,305	9VM
2000	11900	6813P	30.5	\$278,622	RV-4	6813P	30.5	\$320,413	RVE-4	\$6,599	9VM
2250	11900	6813P	30.5	\$313,448	RV-4	6813P	30.5	\$360,465	RVE-4	\$7,420	9VM
2500	11900	6813P	30.5	\$348,275	RV-4	6813P	30.5	\$400,516	RVE-4	\$8,249	9VM
3000	10400	9606PH	42	\$390,761	RV-4	9606PH	42	\$449,376	RVE-4	\$9,995	9VM
3500	10400	9607PH	42	\$442,725	RV-4	9607PH	42	\$509,134	RVE-4	\$11,324	9VM
4000	10400	9608PH	42	\$506,474	RV-4	9608PH	42	\$582,444	RVE-4	\$12,953	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design

+11,900 Lbs. Downthrust for 5012 Frame

* NRR = Non-Reverse Ratchet

@Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.

See Page M-83 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
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
5	4200	254VP	\$3,099	AV-4	254VP	\$3,967	AVE-4	254VP	\$4,205	AVS-4	\$333	7VM
7.5	4200	256VP	\$3,568	AV-4	256VP	\$4,437	AVE-4	256VP	\$4,703	AVS-4	\$385	7VM
10	4200	284VPZ	\$3,944	AV-4	284VPZ	\$5,066	AVE-4	284VPZ	\$5,370	AVS-4	\$427	7VM
15	4200	286VPZ	\$5,019	AV-4	286VPZ	\$6,141	AVE-4	286VPZ	\$6,510	AVS-4	\$540	7VM
20	7400	324VP	\$5,911	RV-4	324VP	\$7,378	RVE-4	324VP	\$7,746	RVS-4	\$563	7VM
25	7400	326VP	\$6,808	RV-4	326VP	\$8,275	RVE-4	326VP	\$8,688	RVS-4	\$643	7VM
30	7400	364VP	\$7,638	RV-4	364VP	\$10,242	RVE-4	364VP	\$10,754	RVS-4	\$728	7VM
40	7400	365VP	\$9,207	RV-4	365VP	\$11,810	RVE-4	365VP	\$12,401	RVS-4	\$873	7VM
50	8600	404VP	\$10,493	RV-4	404VP	\$14,110	RVE-4	404VP	\$14,817	RVS-4	\$995	7VM
60	8600	405VP	\$12,103	RV-4	405VP	\$15,930	RVE-4	405VP	\$16,725	RVS-4	\$1,150	7VM
75	12500	H444VP	\$14,178	RV-4	H444VP	\$18,005	RVE-4	H444VP	\$18,906	RVS-4	\$1,164	7VM
100	12500	H445VP	\$18,962	RV-4	H445VP	\$23,073	RVE-4	H445VP	\$24,225	RVS-4	\$1,554	7VM
125	12500	447VP@	\$30,265	RV-4	447VP@	\$33,925	RV-4	447VP@	\$35,711	RVS-4	\$1,937	8VM
150	12500	447VP@	\$37,073	RV-4	447VP@	\$40,499	RV-4	447VP@	\$42,631	RVS-4	\$1,937	8VM
200	12000	449VP@	\$41,761	RV-4	449VP@	\$45,622	RV-4	449VP@	\$48,023	RVS-4	\$1,981	8VM
250	12000	5008VP	\$50,641	RV-4	5012VP+	\$55,323	RV-4	5012VP+	\$58,235	RVE-4	\$2,011	8VM
300	13200	5012VP	\$59,894	RV-4	5012VP	\$65,436	RV-4	5012VP	\$68,880	RVE-4	\$2,054	8VM
350	13200	5012VP	\$69,589	RV-4	5012VP	\$76,025	RV-4	5012VP	\$80,026	RVE-4	\$2,230	8VM
400	13200	5012VP	\$78,908	RV-4	5012VP	\$86,209	RV-4	5012VP	\$90,746	RVE-4	\$2,265	8VM
450	13200	5012VP	\$88,099	RV-4	5012VP	\$96,249	RV-4	5012VP	\$101,315	RVE-4	\$2,531	8VM
500	13200	5012VP	\$97,439	RV-4	5012VP	\$106,451	RV-4	5012VP	\$112,054	RVE-4	\$3,516	8VM
600	15000	5813VP	\$128,305	RV-4	---	---	---	5813VP	\$145,824	RVE-4	\$4,608	8VM
700	15000	5813VP	\$143,286	RV-4	---	---	---	5813VP	\$163,746	RVE-4	\$5,143	8VM
800	15000	5813VP	\$163,758	RV-4	---	---	---	5813VP	\$187,171	RVE-4	\$5,878	8VM

The Open Motor Product Is Not Available Below 254 Frame, Use TEFC
 # 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
 @Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.
 + 13,200 Lbs Down Thrust
 * NRR = Non-Reverse Ratchet

See Page M-83 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
Weather Protected Type I (WPI)
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)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

2300 Volt

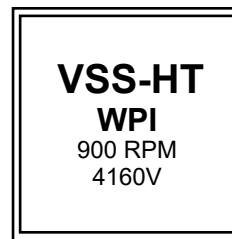
HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	12000	449VP@	24.5	\$43,617	RV-4	449VP@	24.5	\$50,162	RVS-4	\$1,995	8VM
200	12000	5008VP	24.5	\$54,059	RV-4	5008VP	24.5	\$62,167	RVE-4	\$2,009	8VM
250	12000	5008VP	24.5	\$64,495	RV-4	5012VP+	24.5	\$74,169	RVE-4	\$2,049	8VM
300	13200	5012VP	24.5	\$73,474	RV-4	5012VP	24.5	\$84,495	RVE-4	\$2,167	8VM
350	13200	5012VP	24.5	\$82,406	RV-4	5012VP	24.5	\$94,768	RVE-4	\$2,366	8VM
400	13200	5012VP	24.5	\$91,087	RV-4	5012VP	24.5	\$104,749	RVE-4	\$2,617	8VM
450	13200	5012VP	24.5	\$98,998	RV-4	5012VP	24.5	\$113,847	RVE-4	\$2,840	8VM
500	13200	5012VP	24.5	\$115,620	RV-4	5012VP	24.5	\$132,960	RVE-4	\$3,516	8VM
600	15000	5813VP	30.5	\$127,920	RV-4	5813VP	30.5	\$147,108	RVE-4	\$3,521	8VM
700	15000	5813VP	30.5	\$137,195	RV-4	5813VP	30.5	\$157,772	RVE-4	\$3,695	8VM
800	15000	5813VP	30.5	\$151,153	RV-4	5813VP	30.5	\$173,826	RVE-4	\$3,979	8VM
900	15000	5813VP	30.5	\$166,012	RV-4	5813VP	30.5	\$190,915	RVE-4	\$4,096	8VM
1000	15000	5813VP	30.5	\$178,319	RV-4	5813VP	30.5	\$205,068	RVE-4	\$4,343	8VM
1250	15000	6810P	30.5	\$196,291	HV-4	6810P~	30.5	\$225,735	HVE-4	\$5,138	8VM
1500	13100	6813P	30.5	\$227,526	RV-4	6813P	30.5	\$261,655	RVE-4	\$6,254	9VM
1750	13100	6813P	30.5	\$263,580	RV-4	6813P	30.5	\$303,117	RVE-4	\$7,296	9VM
2000	13100	6813P	30.5	\$301,228	RV-4	6813P	30.5	\$346,418	RVE-4	\$8,336	9VM
2250	13100	8011PH	42	\$338,887	RV-4	8011PH~	42	\$389,721	RVE-4	\$9,380	9VM
2500	12100	9605PH	42	\$376,540	RV-4	9605PH	42	\$433,023	RVE-4	\$10,420	9VM
3000	12100	9607PH	42	\$422,474	RV-4	9607PH	42	\$485,845	RVE-4	\$11,690	9VM
3500	12100	9608PH	42	\$478,660	RV-4	9608PH	42	\$550,458	RVE-4	\$13,246	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
+13,200 Lbs. Downthrust for 5012 Frame
~Not for WP11 Enclosure
* NRR = Non-Reverse Ratchet
@Contact your Nidec Motor Corporation Technical Representative for WP11 frame size confirmation prior to quoting.

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

4160 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	12000	449VP@	24.5	\$61,803	RV-4	449VP@	24.5	\$71,070	RVS-4	\$1,995	8VM
200	12000	5008VP	24.5	\$63,650	RV-4	5008VP	24.5	\$73,200	RVE-4	\$2,009	8VM
250	12000	5008VP	24.5	\$73,394	RV-4	5012VP+	24.5	\$84,404	RVE-4	\$2,049	8VM
300	13200	5012VP	24.5	\$83,615	RV-4	5012VP	24.5	\$96,157	RVE-4	\$2,178	8VM
350	13200	5012VP	24.5	\$91,885	RV-4	5012VP	24.5	\$105,667	RVE-4	\$2,366	8VM
400	13200	5012VP	24.5	\$101,561	RV-4	5012VP	24.5	\$116,796	RVE-4	\$2,617	8VM
450	13200	5012VP	24.5	\$110,383	RV-4	5012VP	24.5	\$126,939	RVE-4	\$2,840	8VM
500	13200	5012VP	24.5	\$129,002	RV-4	5012VP	24.5	\$148,354	RVE-4	\$3,516	8VM
600	15000	5813VP	30.5	\$142,725	RV-4	5813VP	30.5	\$164,134	RVE-4	\$3,521	8VM
700	15000	5813VP	30.5	\$151,815	RV-4	5813VP	30.5	\$174,587	RVE-4	\$3,695	8VM
800	15000	5813VP	30.5	\$167,725	RV-4	5813VP	30.5	\$192,885	RVE-4	\$3,979	8VM
900	15000	5813VP	30.5	\$184,216	RV-4	5813VP	30.5	\$211,850	RVE-4	\$4,096	8VM
1000	15000	5813VP	30.5	\$198,871	RV-4	5813VP	30.5	\$228,700	RVE-4	\$4,343	8VM
1250	13100	6813P	30.5	\$218,756	RV-4	6813P	30.5	\$251,570	RVE-4	\$5,138	9VM
1500	13100	6813P	30.5	\$248,993	RV-4	6813P	30.5	\$286,345	RVE-4	\$6,254	9VM
1750	13100	6813P	30.5	\$284,667	RV-4	6813P	30.5	\$327,366	RVE-4	\$7,296	9VM
2000	13100	6813P	30.5	\$325,331	RV-4	6813P	30.5	\$374,131	RVE-4	\$8,336	9VM
2250	12100	9606PH	42	\$365,998	RV-4	9606PH	42	\$420,899	RVE-4	\$9,380	9VM
2500	12100	9606PH	42	\$406,664	RV-4	9607PH	42	\$467,664	RVE-4	\$10,420	9VM
3000	12100	9607PH	42	\$456,275	RV-4	9607PH	42	\$524,716	RVE-4	\$11,690	9VM
3500	12100	9608PH	42	\$516,955	RV-4	9608PH	42	\$594,498	RVE-4	\$13,246	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
+ 13,200 Lbs. Downthrust for 5012 Frame
~ Not for WPII Enclosure
* NRR = Non-Reverse Ratchet
@Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
15	8000	326VP	\$7,026	RV-4	326VP	\$7,990	RVE-4	326VP	\$8,411	RVS-4	\$685	7VM
20	8000	364VP	\$8,275	RV-4	364VP	\$9,410	RVE-4	364VP	\$9,904	RVS-4	\$803	7VM
25	8000	365VP	\$9,531	RV-4	365VP	\$10,838	RVE-4	365VP	\$11,408	RVS-4	\$925	7VM
30	9300	404VP	\$10,695	RV-4	404VP	\$12,163	RVE-4	404VP	\$12,803	RVS-4	\$1,038	7VM
40	9300	405VP	\$12,887	RV-4	405VP	\$14,788	RVE-4	405VP	\$15,566	RVS-4	\$1,225	7VM
50	13500	H444VP	\$14,958	RV-4	H444VP	\$17,160	RVE-4	H444VP	\$18,061	RVS-4	\$1,230	7VM
60	13500	H445VP	\$17,122	RV-4	H445VP	\$19,640	RVE-4	H445VP	\$20,674	RVS-4	\$1,526	7VM
75	13500	H445VP	\$20,408	RV-4	H445VP	\$23,414	RVE-4	H445VP	\$24,646	RVS-4	\$1,671	7VM
100	13500	447VP@	\$33,986	RV-4	---	---	---	447VP@	\$39,092	RVS-4	\$1,873	9VM
125	13500	447VP@	\$41,138	RV-4	---	---	---	447VP@	\$47,315	RVS-4	\$1,897	9VM
150	13000	5008VP	\$47,829	RV-4	---	---	---	5008VP	\$55,002	RVE-4	\$2,202	9VM
200	13000	5008VP	\$61,913	RV-4	---	---	---	5008VP	\$71,200	RVE-4	\$2,354	9VM
250	14100	5012VP	\$67,401	RV-4	---	---	---	5012VP	\$77,509	RVE-4	\$2,425	9VM
300	14100	5012VP	\$72,887	RV-4	---	---	---	5012VP	\$83,822	RVE-4	\$2,495	9VM
350	14100	5012VP	\$83,662	RV-4	---	---	---	5012VP	\$96,211	RVE-4	\$2,671	9VM
400	16300	5813VP	\$122,148	RV-4	---	---	---	5813VP	\$140,469	RVE-4	\$3,756	9VM
450	16300	5813VP	\$134,627	RV-4	---	---	---	5813VP	\$154,822	RVE-4	\$4,143	9VM
500	16300	5813VP	\$137,754	RV-4	---	---	---	5813VP	\$158,413	RVE-4	\$4,239	9VM
600	16300	5813VP	\$164,789	RV-4	---	---	---	5813VP	\$189,507	RVE-4	\$5,070	9VM
700	16300	5813VP	\$192,254	RV-4	---	---	---	5813VP	\$221,092	RVE-4	\$6,181	9VM
800	16300	5813VP	\$219,718	RV-4	---	---	---	5813VP	\$252,676	RVE-4	\$6,761	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
 @Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.
 * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	13000	5008VP	24.5	\$56,615	RV-4	5008VP	24.5	\$65,106	RVE-4	\$2,439	9VM
200	13000	5008VP	24.5	\$69,965	RV-4	5008VP	24.5	\$80,460	RVE-4	\$2,439	9VM
250	14100	5012VP	24.5	\$73,477	RV-4	5012VP	24.5	\$84,498	RVE-4	\$2,671	9VM
300	14100	5012VP	24.5	\$84,707	RV-4	5012VP	24.5	\$97,413	RVE-4	\$2,721	9VM
350	14100	5012VP	24.5	\$95,420	RV-4	5012VP	24.5	\$109,732	RVE-4	\$3,070	9VM
400	16300	5813VP	30.5	\$116,427	RV-4	5813VP	30.5	\$133,892	RVE-4	\$3,331	9VM
450	16300	5813VP	30.5	\$128,906	RV-4	5813VP	30.5	\$148,242	RVE-4	\$3,700	9VM
500	16300	5813VP	30.5	\$132,031	RV-4	5813VP	30.5	\$151,833	RVE-4	\$3,793	9VM
600	16300	5813VP	30.5	\$159,068	RV-4	5813VP	30.5	\$183,047	RVE-4	\$4,568	9VM
700	16300	5813VP	30.5	\$159,378	RV-4	5813VP	30.5	\$183,284	RVE-4	\$4,577	9VM
800	16300	5813VP	30.5	\$172,284	RV-4	5813VP	30.5	\$198,124	RVE-4	\$4,948	9VM
900	14100	6813P	30.5	\$185,477	RV-4	6813P	30.5	\$213,298	RVE-4	\$5,326	9VM
1000	14100	6813P	30.5	\$206,972	RV-4	6813P	30.5	\$238,016	RVE-4	\$5,946	9VM
1250	14100	6813P	30.5	\$238,225	RV-4	6813P	30.5	\$273,958	RVE-4	\$6,556	9VM
1500	14100	6813P	30.5	\$276,333	RV-4	6813P	30.5	\$317,782	RVE-4	\$7,608	9VM
1750	14100	8011PH	42	\$314,446	RV-4	8011PH~	42	\$361,610	RVE-4	\$8,653	9VM
2000	13500	9606PH	42	\$352,566	RV-4	9606PH	42	\$405,448	RVE-4	\$9,892	9VM
2250	13500	9606PH	42	\$395,535	RV-4	9606PH	42	\$454,866	RVE-4	\$11,099	9VM
2500	13500	9607PH	42	\$434,779	RV-4	9607PH	42	\$499,998	RVE-4	\$12,453	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 ~ Not For WPII Enclosure
 * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
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)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

4160 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
150	13000	5008VP	24.5	\$69,185	RV-4	5008VP	24.5	\$79,563	RVE-4	\$2,439	9VM
200	14100	5012VP	24.5	\$79,073	RV-4	5012VP	24.5	\$90,934	RVE-4	\$2,439	9VM
250	14100	5012VP	24.5	\$82,613	RV-4	5012VP	24.5	\$95,002	RVE-4	\$2,671	9VM
300	14100	5012VP	24.5	\$95,160	RV-4	5012VP	24.5	\$109,434	RVE-4	\$2,721	9VM
350	14100	5012VP	24.5	\$107,185	RV-4	5012VP	24.5	\$123,263	RVE-4	\$3,070	9VM
400	16300	5813VP	30.5	\$130,397	RV-4	5813VP	30.5	\$149,955	RVE-4	\$3,331	9VM
450	16300	5813VP	30.5	\$144,373	RV-4	5813VP	30.5	\$166,028	RVE-4	\$3,700	9VM
500	16300	5813VP	30.5	\$147,876	RV-4	5813VP	30.5	\$170,056	RVE-4	\$3,793	9VM
600	16300	5813VP	30.5	\$178,155	RV-4	5813VP	30.5	\$204,878	RVE-4	\$4,568	9VM
700	16300	5813VP	30.5	\$178,505	RV-4	5813VP	30.5	\$205,279	RVE-4	\$4,577	9VM
800	16300	5813VP	30.5	\$192,953	RV-4	5813VP	30.5	\$221,897	RVE-4	\$4,948	9VM
900	14100	6813P	30.5	\$207,732	RV-4	6813P	30.5	\$238,892	RVE-4	\$5,326	9VM
1000	14100	6813P	30.5	\$231,808	RV-4	6813P	30.5	\$266,580	RVE-4	\$5,946	9VM
1250	14100	6813P	30.5	\$255,751	RV-4	6813P	30.5	\$294,115	RVE-4	\$6,556	9VM
1500	14100	6813P	30.5	\$296,667	RV-4	6813P	30.5	\$341,169	RVE-4	\$7,608	9VM
1750	13500	9606PH	42	\$337,585	RV-4	9606PH	42	\$388,223	RVE-4	\$8,653	9VM
2000	13500	9606PH	42	\$385,786	RV-4	9607PH	42	\$443,653	RVE-4	\$9,892	9VM
2250	13500	9607PH	42	\$434,779	RV-4	9607PH	42	\$499,998	RVE-4	\$11,099	9VM
2500	13500	9608PH	42	\$485,653	RV-4	9608PH	42	\$558,500	RVE-4	\$12,453	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 ~ Not For WP11 Enclosure
 * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
12 Pole, 600 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

460 or 575 Volt

HP	Down Thrust (lbs)(#)	Standard Efficient			Energy Efficient			Premium Efficient			NRR List Adder	Disc. Sym
		Frame	List	Type	Frame	List	Type	Frame	List	Type		
10	8500	326VP	\$6,901	RV-4	326VP	\$7,869	RVE-4	326VP	\$8,263	RVS-4	\$674	7VM
15	8500	364VP	\$8,782	RV-4	364VP	\$10,012	RVE-4	364VP	\$10,512	RVS-4	\$857	7VM
20	8500	365VP	\$10,343	RV-4	365VP	\$11,791	RVE-4	365VP	\$12,380	RVS-4	\$1,002	7VM
25	9900	404VP	\$11,913	RV-4	404VP	\$13,582	RVE-4	404VP	\$14,261	RVS-4	\$1,155	7VM
30	9900	405VP	\$13,369	RV-4	405VP	\$15,239	RVE-4	405VP	\$16,002	RVS-4	\$1,293	7VM
40	14400	H444VP	\$15,925	RV-4	H444VP	\$18,268	RVE-4	H444VP	\$19,181	RVS-4	\$1,305	7VM
50	14400	H445VP	\$18,596	RV-4	H445VP	\$21,385	RVE-4	H445VP	\$22,455	RVS-4	\$1,526	7VM
60	14400	447VP@	\$27,272	RV-4	---	---	---	447VP@	\$31,362	RVS-4	\$1,789	9VM
75	14400	447VP@	\$32,793	RV-4	---	---	---	447VP@	\$37,711	RVS-4	\$1,803	9VM
100	13600	449VP@	\$41,427	RV-4	---	---	---	449VP@	\$47,641	RVS-4	\$1,901	9VM
125	13600	449VP@	\$50,054	HV-4	---	---	---	449VP@	\$57,559	HVS-4	\$1,901	9VM
150	13600	5008VP	\$57,535	RV-4	---	---	---	5008VP	\$66,164	RVE-4	\$2,190	9VM
200	15100	5012VP	\$73,070	RV-4	---	---	---	5012VP	\$84,028	RVE-4	\$2,202	9VM
250	15100	5012VP	\$74,789	RV-4	---	---	---	5012VP	\$86,007	RVE-4	\$2,225	9VM
300	15100	5012VP	\$87,465	RV-4	---	---	---	5012VP	\$100,585	RVE-4	\$2,512	9VM
350	17300	5813VP	\$119,695	RV-4	---	---	---	5813VP	\$137,650	RVE-4	\$2,948	9VM
400	17300	5813VP	\$136,359	RV-4	---	---	---	5813VP	\$156,815	RVE-4	\$3,364	9VM
450	17300	5813VP	\$150,751	RV-4	---	---	---	5813VP	\$173,364	RVE-4	\$3,718	9VM
500	17300	5813VP	\$167,230	RV-4	---	---	---	5813VP	\$192,315	RVE-4	\$4,397	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design
 @Contact your Nidec Motor Corporation Technical Representative for WPII frame size confirmation prior to quoting.
 + 15,100 Lbs. Downthrust for 5012 Frame
 * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
12 Pole, 600 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
200	15100	5012VP	24.5	\$81,829	RV-4	5012VP	24.5	\$94,103	RVE-4	\$2,096	9VM
250	15100	5012VP	24.5	\$105,315	RV-4	5012VP	24.5	\$121,113	RVE-4	\$2,700	9VM
300	17300	5813VP	30.5	\$126,552	RV-4	5813VP	30.5	\$145,535	RVE-4	\$3,242	9VM
350	17300	5813VP	30.5	\$136,075	RV-4	5813VP	30.5	\$156,486	RVE-4	\$3,486	9VM
400	17300	5813VP	30.5	\$146,289	RV-4	5813VP	30.5	\$168,230	RVE-4	\$3,751	9VM
450	17300	5813VP	30.5	\$176,136	RV-4	5813VP	30.5	\$202,556	RVE-4	\$4,514	9VM
500	17300	5813VP	30.5	\$189,397	RV-4	5813VP	30.5	\$217,805	RVE-4	\$4,854	9VM
600	15000	6813P	30.5	\$206,016	RV-4	6813P	30.5	\$236,920	RVE-4	\$5,279	9VM
700	15000	6813P	30.5	\$224,505	RV-4	6813P	30.5	\$258,181	RVE-4	\$5,754	9VM
800	15000	6813P	30.5	\$242,718	RV-4	6813P	30.5	\$279,127	RVE-4	\$6,221	9VM
900	15000	6813P	30.5	\$262,108	RV-4	6813P	30.5	\$301,423	RVE-4	\$6,716	9VM
1000	15000	6813P	30.5	\$283,401	RV-4	6813P	30.5	\$325,911	RVE-4	\$7,263	9VM
1250	15000	6813P	30.5	\$314,915	RV-4	6813P	30.5	\$362,150	RVE-4	\$8,070	9VM
1500	14700	9607PH	42	\$355,890	RV-4	9607PH	42	\$409,272	RVE-4	\$9,120	9VM

- # Momentary Upthrust Capacity is 30% of Standard High Thrust Design
- ◆ Make Adder for 1.15 Service Factor if Desired
- * Make Special Voltage Adder For 4160 Volts
- * NRR= Non Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
14 Pole, 514 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

460 or 575 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
100	14200	5008VP	24.5	\$71,322	RV-4	5008VP	24.5	\$82,019	RVE-4	\$1,408	9VM
125	16000	5012VP	24.5	\$75,516	RV-4	5012VP	24.5	\$86,843	RVE-4	\$1,657	9VM
150	16000	5012VP	24.5	\$82,690	RV-4	5012VP	24.5	\$95,094	RVE-4	\$1,887	9VM
200	16000	5012VP	24.5	\$94,354	RV-4	5012VP	24.5	\$108,554	RVE-4	\$2,418	9VM
250	18500	5813VP	30.5	\$103,716	RV-4	5813VP	30.5	\$119,272	RVE-4	\$2,561	9VM
300	18500	5813VP	30.5	\$114,399	RV-4	5813VP	30.5	\$131,559	RVE-4	\$2,932	9VM
350	18500	5813VP	30.5	\$136,000	RV-4	5813VP	30.5	\$156,399	RVE-4	\$3,298	9VM
400	18500	5813VP	30.5	\$149,599	RV-4	5813VP	30.5	\$172,038	RVE-4	\$3,653	9VM
450	18500	5813VP	30.5	\$164,556	RV-4	5813VP	30.5	\$189,239	RVE-4	\$3,979	9VM
500	16000	6813P	30.5	\$181,012	RV-4	6813P	30.5	\$208,164	RVE-4	\$4,305	9VM

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

See Page M-83 For Available And Alternate BD Dimensions



**Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
14 Pole, 514 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
200	16000	5012VP	24.5	\$132,908	RV-4	5012VP	24.5	\$152,847	RVE-4	\$3,404	9VM
250	18500	5813VP	30.5	\$139,847	RV-4	5813VP	30.5	\$160,824	RVE-4	\$3,582	9VM
300	18500	5813VP	30.5	\$156,573	RV-4	5813VP	30.5	\$180,059	RVE-4	\$4,012	9VM
350	18500	5813VP	30.5	\$172,185	RV-4	5813VP	30.5	\$198,014	RVE-4	\$4,413	9VM
400	18500	5813VP	30.5	\$187,796	RV-4	5813VP	30.5	\$215,965	RVE-4	\$4,812	9VM
450	18500	5813VP	30.5	\$203,404	RV-4	5813VP	30.5	\$233,915	RVE-4	\$5,211	9VM
500	16000	6813P	30.5	\$217,338	RV-4	6813P	30.5	\$249,939	RVE-4	\$5,570	9VM
600	16000	6813P	30.5	\$237,087	RV-4	6813P	30.5	\$272,650	RVE-4	\$6,075	9VM
700	16000	6813P	30.5	\$258,437	RV-4	6813P	30.5	\$297,202	RVE-4	\$6,622	9VM
800	16000	6813P	30.5	\$286,704	RV-4	6813P	30.5	\$329,709	RVE-4	\$7,347	9VM
900	16000	6813P	30.5	\$310,430	RV-4	6813P	30.5	\$356,993	RVE-4	\$7,955	9VM
1000	16000	6813P	30.5	\$340,272	RV-4	6813P	30.5	\$391,315	RVE-4	\$8,721	9VM
1250	15800	9606PH	42	\$386,352	RV-4	9606PH	42	\$444,305	RVE-4	\$9,901	9VM
1500	15800	9608PH	42	\$419,951	RV-4	9608PH	42	\$482,944	RVE-4	\$10,500	9VM

- # Momentary Upthrust Capacity is 30% of Standard High Thrust Design
- ◆ Make Adder for 1.15 Service Factor if Desired
- * Make Special Voltage Adder For 4160 Volts
- * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



**Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
16 Pole, 450 RPM**



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

460 or 575 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
100	16600	5012VP	24.5	\$79,845	RV-4	5012VP	24.5	\$91,822	RVE-4	\$2,045	9VM
125	16600	5012VP	24.5	\$95,045	RV-4	5012VP	24.5	\$109,303	RVE-4	\$2,437	9VM
150	16600	5012VP	24.5	\$111,075	RV-4	5012VP	24.5	\$127,735	RVE-4	\$2,847	9VM
200	19500	5813VP	30.5	\$142,582	RV-4	5813VP	30.5	\$163,969	RVE-4	\$3,653	9VM
250	19500	5813VP	30.5	\$145,089	RV-4	5813VP	30.5	\$166,852	RVE-4	\$3,718	9VM
300	19500	5813VP	30.5	\$166,031	RV-4	5813VP	30.5	\$190,934	RVE-4	\$4,256	9VM
350	19500	5813VP	30.5	\$186,972	RV-4	5813VP	30.5	\$215,019	RVE-4	\$4,791	9VM
400	17000	6813P	30.5	\$205,669	RV-4	6813P	30.5	\$236,521	RVE-4	\$5,270	9VM
450	17000	6813P	30.5	\$224,366	RV-4	6813P	30.5	\$258,023	RVE-4	\$5,749	9VM
500	17000	6813P	30.5	\$243,953	RV-4	6813P	30.5	\$280,547	RVE-4	\$6,251	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design

* NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
16 Pole, 450 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
250	19500	5813VP	30.5	\$165,505	RV-4	5813VP	30.5	\$190,331	RVE-4	\$4,239	9VM
300	19500	5813VP	30.5	\$185,552	RV-4	5813VP	30.5	\$213,383	RVE-4	\$4,754	9VM
350	19500	5813VP	30.5	\$203,542	RV-4	5813VP	30.5	\$234,073	RVE-4	\$5,218	9VM
400	17000	6813P	30.5	\$221,251	RV-4	6813P	30.5	\$254,437	RVE-4	\$5,669	9VM
450	17000	6813P	30.5	\$240,350	RV-4	6813P	30.5	\$276,404	RVE-4	\$6,481	9VM
500	17000	6813P	30.5	\$257,045	RV-4	6813P	30.5	\$295,601	RVE-4	\$6,587	9VM
600	17000	6813P	30.5	\$282,840	RV-4	6813P	30.5	\$325,268	RVE-4	\$7,249	9VM
700	17000	6813P	30.5	\$299,420	RV-4	6813P	30.5	\$344,331	RVE-4	\$7,674	9VM
800	16800	9603PH	42	\$332,777	RV-4	9603PH	42	\$382,695	RVE-4	\$8,528	9VM
900	16800	9603PH	42	\$374,378	RV-4	9603PH	42	\$430,535	RVE-4	\$9,592	9VM

- # Momentary Upthrust Capacity is 30% of Standard High Thrust Design
- ♦ Make Adder for 1.15 Service Factor if Desired
- * Make Special Voltage Adder for 4160 Volts
- * NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
18 Pole, 400 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.15 Service Factor (Sine Wave Power)
- * Maximum 40 Deg. C. Ambient, 3,300 Feet Altitude
- * NEMA Design "B"
- * 3 Phase 60 Hz

460 or 575 Volt

HP	Down Thrust (lbs) (#)	Standard Efficient				Premium Efficient				NRR List Adder	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
250	20300	5813VP	30.5	\$201,286	RV-4	5813VP	30.5	\$231,479	RVE-4	\$4,644	9VM
300	20300	5813VP	30.5	\$223,589	RV-4	5813VP	30.5	\$257,127	RVE-4	\$5,157	9VM
350	18000	6813P	30.5	\$243,660	RV-4	6813P	30.5	\$280,209	RVE-4	\$5,620	9VM
400	18000	6813P	30.5	\$264,434	RV-4	6813P	30.5	\$304,099	RVE-4	\$6,098	9VM
450	18000	6813P	30.5	\$282,800	RV-4	6813P	30.5	\$325,221	RVE-4	\$6,524	9VM
500	17700	9603PH	42	\$298,296	RV-4	9603PH	42	\$343,040	RVE-4	\$6,879	9VM
600	17700	9605PH	42	\$331,357	RV-4	9605PH	42	\$381,059	RVE-4	\$7,456	9VM
700	17700	9606PH	42	\$351,631	RV-4	9606PH	42	\$404,376	RVE-4	\$8,111	9VM
800	17700	9607PH	42	\$371,559	RV-4	9607PH	42	\$427,291	RVE-4	\$8,569	9VM
900	17700	9607PH	42	\$391,486	RV-4	9607PH	42	\$450,209	RVE-4	\$9,030	9VM

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

See Page M-83 For Available And Alternate BD Dimensions



Three Phase Modifiable Motors
Vertical Solid Shaft
High Thrust - "P" Base
Weather Protected Type I (WPI)
18 Pole, 400 RPM



APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- * Class F Insulation, Class B Rise at Full Load (Sine Wave Power)
- * 1.0 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	Disc. Sym
		Frame	BD (in)	List	Type	Frame	BD (in)	List	Type		
250	20300	5813VP	30.5	\$201,286	RV-4	5813VP	30.5	\$231,479	RVE-4	\$5,160	9VM
300	20300	5813VP	30.5	\$223,589	RV-4	5813VP	30.5	\$257,127	RVE-4	\$5,730	9VM
350	18000	6813P	30.5	\$243,660	RV-4	6813P	30.5	\$280,209	RVE-4	\$6,244	9VM
400	18000	6813P	30.5	\$264,434	RV-4	6813P	30.5	\$304,099	RVE-4	\$6,775	9VM
450	18000	6813P	30.5	\$282,800	RV-4	6813P	30.5	\$325,221	RVE-4	\$7,249	9VM
500	17700	9603PH	42	\$298,296	RV-4	9603PH	42	\$343,040	RVE-4	\$7,643	9VM
600	17700	9605PH	42	\$331,357	RV-4	9605PH	42	\$381,059	RVE-4	\$8,284	9VM
700	17700	9606PH	42	\$351,631	RV-4	9606PH	42	\$404,376	RVE-4	\$9,012	9VM
800	17700	9607PH	42	\$371,559	RV-4	9607PH	42	\$427,291	RVE-4	\$9,521	9VM
900	17700	9607PH	42	\$391,486	RV-4	9607PH	42	\$450,209	RVE-4	\$10,033	9VM

Momentary Upthrust Capacity is 30% of Standard High Thrust Design

† Make Adder for 1.15 Service Factor if Desired

* Make Special Voltage Adder for 4160 Volts

* NRR = Non-Reverse Ratchet

See Page M-83 For Available And Alternate BD Dimensions

