

Vertical HOLLOSHAFT® High Thrust Motors - "P" Base, Three Phase Weather Protected Type I (WPI) Premium Efficient & Inverter Duty



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°C Ambient, 3,300 Feet Altitude
- 230/460 Volt Motors Suitable for 230 Volt Part Winding Start
- 30 HP & Below Can Be Rerated for 208/415 Volt, 50 Hertz Operation at 1.0 Service Factor (230/460 Volt Ratings Only)
- Inverter Duty per NEMA® MG-1 Part 31 at 1.0 Service Factor
- 115 Volt Space Heater (through 250 HP)
- Corrosion Resistant Mill & Chemical Duty Paint
- Premium Efficient Design, Special Balance
- NRR = Non-Reverse Ratchet, SRC = Self-Release Coupling
- Discount Symbol: DS-7VS

HP	RPM	Frame	Voltage	Catalog Number	Type	List w/ NRR	List w/ SRC	NNE	Down Thrust (lbs)	Base Dia. (in)	Cplg Height (in)	Cplg BX (in)	Cplg Key Size	Ship Wt. (lbs)	Notes
15	1800	254TP	230/460	HO15V2BLE	AUSI	\$5,226	\$4,897	93.0	3300	10	23-3/8	1	1/4	265	51,97,D
20	1800	256TPH	230/460	HO20V2BLF	AUSI	\$5,728	\$5,352	93.0	3300	12	23-3/8	1	1/4	300	51,97,D
25	1800	284TPA	230/460	HO25V2BLF	AUSI	\$6,456	\$6,038	93.6	3300	12	24-3/4	1	1/4	305	51,97,D
30	1800	286TPA	230/460	HO30V2BLF	AUSI	\$7,024	\$6,559	94.1	3300	12	24-3/4	1	1/4	325	51,97,D
40	1800	324TP	230/460	HO40V2BLG	RUSI	\$7,779	\$7,296	94.1	5700	16-1/2	28-7/32	1-1/4	1/4	635	51,97,D
	1800	324TPH	230/460	HO40V2BLF	RUSI	\$7,779	\$7,296	94.1	5700	12	28-7/32	1-1/4	1/4	635	51,97,D
	1800	324TP	575	HO40V2GLG	RUSI	\$7,779	\$7,296	94.1	5700	16-1/2	28-7/32	1-1/4	1/4	635	51,97,D
50	1800	326TP	230/460	HO50V2BLG	RUSI	\$8,894	\$8,317	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	736	51,97,D
	1800	326TP	575	HO50V2GLG	RUSI	\$8,894	\$8,317	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	675	51,97,D
60	1800	364TP	460	HO60V2SLG	RUSI	\$10,528	\$9,866	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	730	51,97,D,PWS
	1800	364TP	575	HO60V2GLG	RUSI	\$10,528	\$9,866	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	730	51,97,D
75	1800	365TP	460	HO75V2SLG	RUSI	\$12,312	\$11,505	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	800	51,97,D,PWS
	1800	365TP	575	HO75V2GLG	RUSI	\$12,312	\$11,505	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	800	51,97,D
100	1800	404TP	460	HO100V2SLGX	RUSI	\$16,418	\$15,399	95.4	11725	16-1/2	36-15/16	1-1/2	3/8	1110	51,97,E,PWS
	1800	404TP	460	HO100V2SLG	RUSI	\$15,885	\$14,866	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1110	51,97,E,PWS
	1800	404TP	575	HO100V2GLG	RUSI	\$15,885	\$14,866	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1100	51,97,E,PWS
125	1800	405TP	460	HO125V2SLGX	RUSI	\$19,153	\$17,919	95.4	11725	16-1/2	36-15/16	1-1/2	3/8	1200	51,97,E,PWS
	1800	405TP	460	HO125V2SLG	RUSI	\$18,509	\$17,275	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1200	51,97,E,PWS
	1800	405TP	575	HO125V2GLG	RUSI	\$18,509	\$17,275	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1200	51,97,E,PWS
150	1800	H444TP	460	HO150V2SLGX	RUSI	\$25,109	\$23,809	95.8	17150	16-1/2	44-25/32	1-11/16	3/8	1500	51,97,E,PWS
	1800	H444TP	460	HO150V2SLG	RUSI	\$24,562	\$23,262	95.8	9800	16-1/2	44-25/32	1-11/16	3/8	1500	51,97,E,PWS
	1800	H444TP	575	HO150V2GLG	RUSI	\$24,562	\$23,262	95.8	9800	16-1/2	44-25/32	1-11/16	3/8	1500	51,97,E,PWS
200	1800	H445TPA	460	HO200V2SLH	RUSI	\$31,516	\$29,746	95.8	9800	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
	1800	H445TPA	460	HO200V2SLHX	RUSI	\$32,580	\$30,810	95.8	17150	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
	1800	H445TP	575	HO200V2GLG	RUSI	\$31,516	\$29,746	95.8	9800	16-1/2	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
250	1800	H445TPA	460	HO250V2SLH	RUSI	\$39,399	\$38,066	95.8	9800	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
	1800	H445TPA	460	HO250V2SLHX	RUSI	\$40,657	\$39,324	95.8	17150	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
	1800	H445TP	575	HO250V2GLG	RUSI	\$39,399	\$38,066	95.8	9800	16-1/2	44-25/32	1-11/16	3/8	1600	51,97,E,PWS
300	1800	447TPA	460	HO300V2SLHX	RUSI	\$47,203	\$45,957	95.8	17150	20	49-25/32	1-11/16	3/8	2100	51,97,E,PWS
	1800	447TPA	460	HO300V2SLH	RUSI	\$45,704	\$44,458	95.8	9800	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS
	1800	447TP	575	HO300V2GLG	RUSI	\$45,704	\$44,458	95.8	9800	16-1/2	49-25/32	1-11/16	3/8	2200	51,97,E,PWS
350	1800	447TPA	460	HO350V2SLH	RUSI	\$50,683	\$49,437	95.8	9800	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS
	1800	447TPA	460	HO350V2SLHX	RUSI	\$52,422	\$51,176	95.8	17150	20	49-25/32	1-11/16	3/8	2100	51,97,E,PWS
	1800	447TP	575	HO350V2GLG	RUSI	\$50,683	\$49,437	95.8	9800	16-1/2	49-25/32	1-11/16	3/8	2200	51,97,E,PWS
400	1800	449TPH	460	HO400V2SLHX	HUSI	\$61,734	\$60,488	95.8	28500	20	49-25/32	1-15/16	1/2	2800	V10,PWS
	1800	449TPH	460	HO400V2SLH	HUSI	\$57,514	\$56,268	95.8	9500	20	49-25/32	1-15/16	1/2	2800	51,97,E,PWS
	1800	449TP	575	HO400V2GLJ	HUSI	\$57,514	\$56,268	95.8	9500	24-1/2	49-25/32	1-15/16	1/2	2400	51,97,E,PWS

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



Vertical HOLLOSHAFT® High Thrust Motors - "P" Base, Three Phase Weather Protected Type I (WPI) Premium Efficient & Inverter Duty *(continued)*

HP	RPM	Frame	Voltage	Catalog Number	Type	List w/ NRR	List w/ SRC	NNE	Down Thrust (lbs)	Base Dia. (in)	Cplg Height (in)	Cplg BX (in)	Cplg Key Size	Ship Wt. (lbs)	Notes
450	1800	449TPH	460	HO450V2SLH	HUSI	\$61,148	\$59,871	96.2	9500	20	49-25/32	1-15/16	1/2	2800	51,97,E,PWS
	1800	449TPH	460	HO450V2SLHX	HUSI	\$65,638	\$64,361	96.2	28500	20	49-25/32	1-15/16	1/2	2800	V10,PWS
500	1800	5008PH	460	HO500V2SLH	RUEI	\$73,575	\$71,736	96.2	9500	20	57-1/16	2-3/16	½	3700	51,97,E,PWS
	1800	5008PH	460	HO500V2SLHX	RUEI	\$78,955	\$77,116	96.2	28500	20	57-1/16	2-3/16	1/2	3700	V10,PWS
600	1800	5012P	460	HO600V2SLJX	RUEI	\$99,481	\$97,530	96.2	30900	24.5	72-5/16	2-3/16	5/8	4850	V10,PWS

NOTE: Alternative Coupling Sizes per Frame Size are listed on pages 282-284.

Most stock VHS Motors include a Non-Reverse Ratchet (NRR), as indicated by their Catalog Number. To order a motor with a Self-Release Coupling (SRC), add an "N" as the last character in the Catalog Number. Example: HO50S2BLG includes NRR; HO50S2BLGN is SRC.

An "X" as the last character in the Catalog number indicates Extra High Thrust.

Note 51 Equipped with Winding Thermostat
 Note 97 Inverter Duty with Inverter Grade Insulation
 Note D Includes internal shaft grounding ring
 Note E Includes internal shaft grounding ring and upper insulated bearing

Note PWS Part Winding Start
 Note V10 Equipped with Winding thermostat, Requires minimal external thrust equal to 30% down thrust for values showed, Synthetic Oil required, Inverter Duty with Inverter Grade insulation, and Includes internal shaft grounding ring and upper insulated bearing

NOTE: Alternative Coupling Sizes per Frame Size are listed on pages 282-284.

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