

Vertical HOLLOSHAFT® High Thrust Motors - "P" Base, Three Phase Weather Protected Type I (WPI) Premium Efficient, SINEWAVE OPTIMIZED™

APPLICATIONS:

For use on Turbine, Mix Flow and Propeller Pumps

FEATURES:

- Class F Insulation, Class B Rise at Full Load
- 1.15 Service Factor
- Maximum 40°C Ambient, 3,300 Feet Altitude
- 230/460 Volt Motors Suitable for 230 Volt Part Winding Start
- 115 Volt Space Heater (through 250 HP)
- Refer to Page viii for Guidelines & Compatibility with VFD's
- Corrosion Resistant Mill & Chemical Duty Paint
- Premium Efficient Design, Special Balance
- NRR = Non-Reverse Ratchet, SRC = Self-Release Coupling
- Discount Symbol: DS-7VS



RUS

HP	RPM	Voltage	Frame	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
7 1/2	1200	230/460	254TPH	HO7P3BLF	AUS	\$4,983	\$4,607	90.2	3800	12	23-3/8	1	1/4	265	
10	1200	230/460	256TPH	HO10P3BLF	AUS	\$5,592	\$5,207	91.7	3800	12	23-3/8	1	1/4	300	
15	1800	230/460	254TP	HO15P2BLE	AUS	\$4,686	\$4,358	93.0	3300	10	24-3/4	1	1/4	265	
	1800	230/460	254TPA	HO15P2BLG	AUS	\$4,686	\$4,358	93.0	3300	16-1/2	23-3/8	1	1/4	265	
	1200	230/460	284TPA	HO15P3BLF	AUS	\$6,548	\$6,137	91.7	3800	16-1/2	24-3/4	1	1/4	305	
20	3600	230/460	254TPH	HO20P1BLF	AUS	\$4,708	\$4,061	91.0	2600	12	24-3/4	1	1/4	265	
	1800	230/460	256TPH	HO20P2BLF	AUS	\$5,122	\$4,763	93.0	3300	12	24-3/4	1	1/4	300	
	1800	230/460	256TPA	HO20P2BLG	AUS	\$5,122	\$4,763	93.0	3300	16.5	24-3/4	1	1/4	300	
	1200	230/460	286TPH	HO20P3BLG	AUS	\$7,307	\$6,838	92.4	3800	16-1/2	24-3/4	1	1/4	325	
25	3600	230/460	256TPH	HO25P1BLF	AUS	\$5,015	\$4,368	91.7	2600	12	23-3/8	1	1/4	300	
	1800	230/460	284TPA	HO25P2BLF	AUS	\$5,778	\$5,374	93.6	3300	12	24-3/4	1	1/4	305	
	1800	230/460	284TPH	HO25P2BLG	AUS	\$5,778	\$5,374	93.6	3300	16.5	24-3/4	1	1/4	305	
	1200	230/460	324TP	HO25P3BLG	RUS	\$8,923	\$8,383	93.0	6700	16-1/2	28-7/32	1	1/4	635	
30	3600	230/460	284TPA	HO30P1BLF	AUS	\$5,369	\$4,698	91.7	2600	12	24-3/4	1	1/4	300	
	1800	230/460	286TPA	HO30P2BLF	AUS	\$6,277	\$5,838	94.1	3300	12	24-3/4	1	1/4	325	
	1800	230/460	286TPH	HO30P2BLG	AUS	\$6,277	\$5,838	94.1	3300	16.5	24-3/4	1	1/4	325	
	1200	230/460	326TP	HO30P3BLG	RUS	\$9,916	\$9,296	93.6	6700	16-1/2	24-3/4	1-1/4	3/8	675	
40	3600	230/460	286TPA	HO40P1BLF	AUS	\$5,927	\$5,228	92.4	2600	12	24-3/4	1	1/4	330	
	1800	230/460	324TPH	HO40P2BLF	RUS	\$7,017	\$6,526	94.5	5700	12	28-7/32	1-1/4	1/4	635	
	1800	230/460	324TP	HO40P2BLG	RUS	\$7,017	\$6,526	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	635	
	1800	460	324TP	HO40P2SLG	RUS	\$7,017	\$6,526	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	635	PWS
50	1200	230/460	364TP	HO40P3BLGX	RUS	\$12,880	\$12,124	94.1	11725	16-1/2	31-5/32	1-1/4	3/8	730	
	3600	230/460	326TPH	HO50P1BLF	RUS	\$8,571	\$8,036	93.0	4600	12	28-7/32	1	1/4	675	
	1800	230/460	326TPH	HO50P2BLF	RUS	\$8,182	\$7,609	94.5	5700	12	28-7/32	1-1/4	1/4	675	
	1800	230/460	326TP	HO50P2BLG	RUS	\$8,182	\$7,609	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	675	
	1800	460	326TP	HO50P2SLG	RUS	\$8,182	\$7,609	94.5	5700	16-1/2	28-7/32	1-1/4	1/4	675	PWS
60	1200	230/460	365TP	HO50P3BLGX	RUS	\$15,609	\$14,271	94.1	11725	16-1/2	31-5/32	1-1/4	3/8	800	
	3600	460	326TP	HO60P1SLG	RUS	\$9,841	\$9,203	93.6	4600	16-1/2	28-7/32	1-1/4	1/4	675	PWS
	1800	230/460	364TP	HO60P2BLG	RUS	\$9,528	\$8,861	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	730	
	1800	460	364TP	HO60P2SLG	RUS	\$9,528	\$8,861	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	730	PWS
	1200	460	404TP	HO60P3SLGX	RUS	\$17,329	\$16,310	94.5	13650	16-1/2	36-15/16	1-1/2	3/8	1100	PWS
75	3600	460	364TP	HO75P1SLG	RUS	\$11,167	\$10,374	93.6	4500	16-1/2	31-5/32	1-1/4	1/4	730	PWS
	1800	230/460	365TP	HO75P2BLG	RUS	\$11,327	\$10,534	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	800	
	1800	460	365TP	HO75P2SLG	RUS	\$11,327	\$10,534	95.0	5700	16-1/2	31-5/32	1-1/4	1/4	800	PWS
	1200	460	405TP	HO75P3SLGX	RUS	\$19,641	\$18,444	94.5	13650	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
100	3600	460	365TP	HO100P1SLG	RUS	\$15,284	\$14,209	93.6	4500	16-1/2	31-5/32	1-1/2	3/8	800	PWS
	1800	230/460	404TP	HO100P2BLG	RUS	\$14,376	\$13,370	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1100	
	1800	460	404TP	HO100P2SLG	RUS	\$14,376	\$13,370	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1100	PWS
	1800	460	404TP	HO100P2SLGX	RUS	\$14,858	\$13,818	95.4	11725	16-1/2	36-15/16	1-1/2	3/8	1100	PWS
125	1800	460	405TP	HO125P2SLG	RUS	\$17,769	\$16,330	95.4	6700	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
	1800	460	405TP	HO125P2SLGX	RUS	\$18,387	\$16,959	95.4	11725	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
150	1800	460	H444TP	HO150P2SLG	RUS	\$22,955	\$21,655	95.8	9800	16-1/2	44-7/8	1-11/16	3/8	1500	PWS
	1800	460	H444TP	HO150P2SLGX	RUS	\$23,466	\$22,166	95.8	17150	16-1/2	44-7/8	1-11/16	3/8	1500	PWS
	1800	460	H444TP	HO150P2SLH	RUS	\$22,955	\$21,655	95.8	9800	20	44-7/8	1-11/16	3/8	1500	PWS
200	1800	460	H445TP	HO200P2SLG	RUS	\$28,995	\$26,935	95.8	9800	16-1/2	44-7/8	1-11/16	3/8	1600	PWS
	1800	460	H445TP	HO200P2SLHX	RUS	\$29,974	\$27,933	95.8	17150	20	44-7/8	1-11/16	3/8	1600	PWS
250	1800	460	H445TP	HO250P2SLHX	RUS	\$37,811	\$36,127	95.8	17150	20	44-7/8	1-11/16	3/8	1600	PWS
300	1800	460	447TPA	HO300P2SLHX	RUS	\$43,899	\$42,351	95.8	17150	20	49-25/32	1-11/16	3/8	2100	PWS
350	1800	460	447TPA	HO350P2SLHX	RUS	\$49,277	\$47,771	95.8	17150	20	49-25/32	1-11/16	3/8	2100	PWS
400	1800	460	449TPH	HO400P2SLHX	HUS	\$55,213	\$53,725	96.2	28500	20	49-25/32	1-15/16	1/2	2800	52.53,PWS
450	1800	460	449TPH	HO450P2SLHX	HUS	\$58,702	\$57,235	96.2	28500	20	49-25/32	1-15/16	1/2	2800	52.53,PWS
500	1800	460	5008PH	HO500P2SLHX	RUE	\$69,896	\$68,735	96.2	28500	20	57-1/16	2 3/16	1/2	3700	52.53,PWS
600	1800	460	5012P	HO600P2SLJX	RUE	\$93,512	\$91,958	96.2	30500	24.5	72-5/16	2 3/16	1/2	6200	52.53,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.

52 Requires minimal external thrust equal to 30% down thrust value shown

53 Synthetic Oil required

Note PWS Part Winding Start

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

