

Vertical Holloshaft® High Thrust – “P” Base, Three Phase Weather Protected Type I (WPI) Standard Efficient



AU, RU

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 Re-rated For 208/415 Volt
50 Hertz Operation at 1.0 Service Factor
- Suitable For Operation on VFD Per NEMA MG-1 Part 30 at 1.0 Service Factor
- 115 Volt Space Heater Through 250 HP
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate
- NRR = Non-Reverse Ratchet, SRC = Self-Release Coupling
- Discount Symbol: DS-7VS

HP	RPM	Frame	Volts	Catalog Number	Type	List \$ w/NRR	List \$ w/SRC	% FL Eff.	Down Thrust (lbs.)	Base Dia. (in.)	Cplg. Height (in.)	Cplg. BX (in.)	Cplg. Key Size	Ship Wt. (lbs.)	Notes
7-1/2	1200	254TPH	230/460	HO7S3BLF	AU	\$1,558	\$1,398	86.5	3800	12	23-3/8	1	1/4	265	
10	1200	256TPH	230/460	HO10S3BLF	AU	\$1,762	\$1,598	87.5	3800	12	23-3/8	1	1/4	300	
15	1800	254TP	230/460	HO15S2BLE	AU	\$1,536	\$1,396	89.5	3300	10	23-3/8	1	1/4	265	
	1800	254TPA	230/460	HO15S2BLG	AU	\$1,536	\$1,396	89.5	3300	16-1/2	23-3/8	1	1/4	265	
	1200	284TPA	230/460	HO15S3BLF	AU	\$2,054	\$1,879	88.5	3800	12	24-3/4	1	1/4	305	
20	3600	254TPH	230/460	HO20S1BLF	AU	\$1,632	\$1,482	88.5	2600	12	23-3/8	1	1/4	265	
	1800	256TPA	230/460	HO20S2BLG	AU	\$1,750	\$1,590	89.5	3300	16-1/2	23-3/8	1	1/4	300	
	1800	256TPH	230/460	HO20S2BLF	AU	\$1,750	\$1,590	89.5	3300	12	23-3/8	1	1/4	300	
	1200	286TPH	230/460	HO20S3BLG	AU	\$2,470	\$2,270	88.5	3800	16-1/2	24-3/4	1	1/4	325	
25	3600	256TPH	230/460	HO25S1BLF	AU	\$1,726	\$1,562	89.5	2600	12	23-3/8	1	1/4	300	
	1800	284TPA	230/460	HO25S2BLF	AU	\$1,952	\$1,774	88.5	3300	12	24-3/4	1	1/4	305	
	1800	284TPH	230/460	HO25S2BLG	AU	\$1,952	\$1,774	88.5	3300	16-1/2	24-3/4	1	1/4	305	
	1200	324TP	230/460	HO25S3BLG	RU	\$2,850	\$2,620	87.5	6700	16-1/2	28-7/32	1	1/4	635	
30	3600	284TPA	230/460	HO30S1BLF	AU	\$1,890	\$1,718	88.5	2600	12	24-3/4	1	1/4	305	
	1800	286TPA	230/460	HO30S2BLF	AU	\$2,194	\$1,996	90.2	3300	12	24-3/4	1	1/4	325	
	1800	286TPH	230/460	HO30S2BLG	AU	\$2,194	\$1,996	90.2	3300	16-1/2	24-3/4	1	1/4	325	
	1200	326TP	230/460	HO30S3BLG	RU	\$3,254	\$2,990	87.5	6700	16-1/2	28-7/32	1-1/4	3/8	675	
40	3600	286TPA	230/460	HO40S1BLF	AU	\$2,470	\$2,246	90.2	2600	12	24-3/4	1	1/4	325	
	1800	324TP	230/460	HO40S2BLG	RU	\$2,550	\$2,344	89.5	5700	16-1/2	28-7/32	1-1/4	1/4	635	
	1800	324TP	230/460	HO40S2BLGN	RU	\$2,344	\$2,344	89.5	5700	16-1/2	28-7/32	1-1/4	1/4	635	91
	1800	324TP	460	HO40S2SLG	RU	\$2,550	\$2,344	89.5	5700	16-1/2	28-7/32	1-1/4	1/4	635	PWS
	1800	324TPH	230/460	HO40S2BLF	RU	\$2,550	\$2,344	89.5	5700	12	28-7/32	1-1/4	1/4	635	
	1200	364TP	230/460	HO40S3BLGX	RU	\$3,976	\$3,654	88.5	11725	16-1/2	31-5/32	1-1/4	3/8	730	
50	3600	324TPH	230/460	HO50S1BLF	RU	\$2,806	\$2,578	88.5	4600	12	28-7/32	1	1/4	635	
	1800	326TP	230/460	HO50S2BLG	RU	\$3,026	\$2,780	90.2	5700	16-1/2	28-7/32	1-1/4	1/4	675	
	1800	326TP	230/460	HO50S2BLGN	RU	\$2,780	\$2,780	90.2	5700	16-1/2	28-7/32	1-1/4	1/4	675	91
	1800	326TP	460	HO50S2SLG	RU	\$3,026	\$2,780	90.2	5700	16-1/2	28-7/32	1-1/4	1/4	675	PWS
	1800	326TPH	230/460	HO50S2BLF	RU	\$3,026	\$2,780	90.2	5700	12	28-7/32	1-1/4	1/4	675	
	1200	365TP	230/460	HO50S3BLGX	RU	\$4,688	\$4,308	90.2	11725	16-1/2	31-5/32	1-1/4	3/8	800	
60	3600	326TP	460	HO60S1SLG	RU	\$3,348	\$3,076	89.5	4600	16-1/2	28-7/32	1-1/4	1/4	675	PWS
	1800	364TP	230/460	HO60S2BLG	RU	\$3,494	\$3,212	90.2	5700	16-1/2	31-5/32	1-1/4	1/4	730	
	1800	364TP	230/460	HO60S2BLGN	RU	\$3,212	\$3,212	90.2	5700	16-1/2	31-5/32	1-1/4	1/4	730	91
	1800	364TP	460	HO60S2SLG	RU	\$3,494	\$3,212	90.2	5700	16-1/2	31-5/32	1-1/4	1/4	730	PWS
	1200	404TP	460	HO60S3SLGX	RU	\$5,354	\$4,920	89.5	13650	16-1/2	36-15/16	1-1/2	3/8	1110	PWS

NOTE: Alternative Coupling Sizes per Frame Size are listed beginning on Page 300.

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.

Note 51 Equipped with Winding Thermostat

Note 52 Requires Minimum External Down Thrust of 3800 lbs.

Note 53 Synthetic Oil Required

Note 91 Includes Self Release Coupling (SRC)

Note PWS Part Winding Start

Vertical Holloshaft® High Thrust – “P” Base, Three Phase Weather Protected Type I (WPI) Standard Efficient



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HP	RPM	Frame	Volts	Catalog Number	Type	List \$ w/NRR	List \$ w/SRC	% FL Eff.	Down Thrust (lbs.)	Base Dia. (in.)	Cplg. Height (in.)	Cplg. BX (in.)	Cplg. Key Size	Ship Wt. (lbs.)	Notes
75	3600	364TP	460	HO75S1SLG	RU	\$4,188	\$3,850	89.5	4500	16-1/2	31-5/32	1-1/4	1/4	730	PWS
	1800	365TP	230/460	HO75S2BLG	RU	\$4,254	\$3,910	91.7	5700	16-1/2	31-5/32	1-1/4	1/4	800	
	1800	365TP	230/460	HO75S2BLGN	RU	\$3,910	\$3,910	91.7	5700	16-1/2	31-5/32	1-1/4	1/4	800	91
	1800	365TP	460	HO75S2SLG	RU	\$4,254	\$3,910	91.7	5700	16-1/2	31-5/32	1-1/4	1/4	800	PWS
	1200	405TP	460	HO75S3SLGX	RU	\$6,296	\$5,786	89.5	13650	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
100	3600	365TP	460	HO100S1SLG	RU	\$5,644	\$5,186	91.0	4500	16-1/2	31-5/32	1-1/4	3/8	800	PWS
	1800	404TP	230/460	HO100S2BLG	RU	\$5,374	\$4,940	93.0	6700	16-1/2	36-15/16	1-1/2	3/8	1110	
	1800	404TP	460	HO100S2SLG	RU	\$5,374	\$4,940	93.0	6700	16-1/2	36-15/16	1-1/2	3/8	1110	PWS
	1800	404TP	460	HO100S2SLGX	RU	\$5,602	\$5,168	93.0	11725	16-1/2	36-15/16	1-1/2	3/8	1110	PWS
125	1800	405TP	460	HO125S2SLG	RU	\$6,492	\$5,966	93.0	6700	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
	1800	405TP	460	HO125S2SLGX	RU	\$6,768	\$6,242	93.0	11725	16-1/2	36-15/16	1-1/2	3/8	1200	PWS
150	1800	H444TP	460	HO150S2SLG	RU	\$7,810	\$7,256	92.4	9800	16-1/2	44-25/32	1-11/16	3/8	1500	PWS
	1800	H444TP	460	HO150S2SLGX	RU	\$8,150	\$7,596	92.4	17150	16-1/2	44-25/32	1-11/16	3/8	1500	PWS
	1800	H444TPA	460	HO150S2SLH	RU	\$7,810	\$7,256	92.4	9800	20	44-25/32	1-11/16	3/8	1500	PWS
200	1800	H445TP	460	HO200S2SLG	RU	\$10,612	\$9,858	93.6	9800	16-1/2	44-25/32	1-11/16	3/8	1600	PWS
	1800	H445TPA	460	HO200S2SLHX	RU	\$11,072	\$10,318	93.6	17150	20	44-25/32	1-11/16	3/8	1600	PWS
250	1800	H445TPA	460	HO250S2SLHX	RU	\$12,756	\$12,188	93.0	17150	20	44-25/32	1-11/16	3/8	1600	PWS
300	1800	447TPA	460	HO300S2SLHX	RU	\$15,049	\$14,518	94.5	17150	20	49-25/32	1-11/16	3/8	2200	51, PWS
350	1800	447TPA	460	HO350S2SLHX	RU	\$17,379	\$16,848	94.5	17150	20	49-25/32	1-11/16	3/8	2200	51, PWS
400	1800	447TPA	460	HO400S2SLHX	RU	\$19,707	\$19,176	95.0	29400	20	49-25/32	1-15/16	1/2	2200	51,52,53, PWS
500	1800	5008PH	460	HO500S2SLHX	RU	\$24,017	\$23,417	95.4	29400	20	57-1/16	2-3/16	1/2	3125	52,53, PWS
600	1800	5008P	460	HO600S2SLJX	RU	\$35,495	\$35,495	95.0	30500	24-1/2	57-1/16	2-3/16	1/2	3700	52,53, PWS

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