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

NEMA Premium



IP23

AUS, RUS, RUE

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
- Premium Efficient Design
- Special Balance
- Corrosion Resistant Mill & Chemical Duty Paint
- 115 Volt Space Heater
- NRR = Non-Reverse Ratchet, SRC = Self-Release Coupling
- Refer to Page viii for Guidelines & Compatibility with VFD's
- **Discount Symbol: DS-7VS**

HP	RPM	Voltage	Frame	Catalog Number	Type	List w/ NRR	List w/ SRC	NEMA Nom. Eff	Down Thrust (lbs.)	Base Dia. (in.)	Cplg Height (in.)	Cplg BX (in.)	Cplg Key Size	Ship Wt (lbs)	Notes
7 1/2	1800	230/460	213TP	HO7P2BLE	AUS	$3,789	$3,518	91.7	2500	10	18-1/8	1	1/4	210	
	1200	230/460	254TPH	HO7P3BLF	AUS	$4,983	$4,607	90.2	3800	12	23-3/8	1	1/4	265	
10	1800	230/460	215TP	HO10P2BLE	AUS	$4,187	$3,869	91.7	2500	10	18-1/8	1	1/4	220	
	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	3300	10	23-3/8	1	1/4	265	
	1800	230/460	254TPA	HO15P2BLG	AUS	$4,686	$4,358	93	3300	16.5	23-3/8	1	1/4	265	
	1200	230/460	284TPA	HO15P3BLF	AUS	$6,548	$6,137	91.7	3800	12	24-3/4	1	1/4	305	
20	3600	230/460	254TPH	HO20P1BLF	AUS	$4,708	$4,061	91	2600	12	23-3/8	1	1/4	265	
	1800	230/460	256TPA	HO20P2BLG	AUS	$5,122	$4,763	93	3300	16.5	23-3/8	1	1/4	300	
	1800	230/460	256TPH	HO20P2BLF	AUS	$5,122	$4,763	93	3300	12	23-3/8	1	1/4	300	
	1200	230/460	286TPH	HO20P3BLG	AUS	$7,307	$6,838	92.4	3800	16.5	25-7/8	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	284TPH	HO25P2BLG	AUS	$5,778	$5,374	93.6	3300	16.5	24-3/4	1	1/4	305	
	1800	230/460	284TPA	HO25P2BLF	AUS	$5,778	$5,374	93.6	3300	12	24-3/4	1	1/4	305	
	1200	230/460	324TP	HO25P3BLG	RUS	$8,923	$8,383	93	6700	16.5	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	282	
	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	16.5	28-7/32	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	312	
	1800	230/460	324TP	HO40P2BLG	RUS	$7,017	$6,526	94.1	5700	16.5	28-7/32	1-1/4	1/4	626	
	1800	230/460	324TPH	HO40P2BLF	RUS	$7,017	$6,526	94.1	5700	12	28-7/32	1-1/4	1/4	624	
	1800	460	324TP	HO40P2SLG	RUS	$7,017	$6,526	94.1	5700	16.5	28-7/32	1-1/4	1/4	635	PWS
	1200	230/460	364TP	HO40P3BLGX	RUS	$12,880	$12,124	94.1	11725	16.5	31-5/32	1-1/4	3/8	730	
50	3600	230/460	324TPH	HO50P1BLF	RUS	$8,571	$8,036	93	4600	12	28-7/32	1	1/4	635	
	1800	230/460	326TP	HO50P2BLG	RUS	$8,182	$7,609	94.5	5700	16.5	28-7/32	1-1/4	1/4	665	
	1800	230/460	326TPH	HO50P2BLF	RUS	$8,182	$7,609	94.5	5700	12	28-7/32	1-1/4	1/4	660	
	1800	460	326TP	HO50P2SLG	RUS	$8,182	$7,609	94.5	5700	16.5	28-7/32	1-1/4	1/4	537	PWS
	1200	230/460	365TP	HO50P3BLGX	RUS	$15,609	$14,271	94.1	11725	16.5	31-5/32	1-1/4	3/8	800	
60	3600	460	326TP	HO60P1SLG	RUS	$9,841	$9,203	93.6	4600	16.5	28-7/32	1-1/4	1/4	675	PWS
	1800	230/460	364TP	HO60P2BLG	RUS	$9,528	$8,861	95	5700	16.5	31-5/32	1-1/4	1/4	776	
	1800	460	364TP	HO60P2SLG	RUS	$9,528	$8,861	95	5700	16.5	31-5/32	1-1/4	1/4	777	PWS
	1200	460	404TP	HO60P3SLGX	RUS	$17,329	$16,310	94.5	13650	16.5	36-15/16	1-1/2	3/8	1110	PWS

Note PWS Part Winding Start

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

NEMA Premium

(continued)

IP23



AUS, RUS, RUE

HP	RPM	Voltage	Frame	Catalog Number	Type	List w/ NRR	List w/ SRC	NEMA Nom. Eff	Down Thrust (lbs.)	Base Dia. (in.)	Cplg Height (in.)	Cplg BX (in.)	Cplg Key Size	Ship Wt (lbs)	Notes
75	3600	460	364TP	HO75P1SLG	RUS	$11,167	$10,374	93.6	4500	16.5	31-5/32	1-1/4	1/4	730	PWS
	1800	230/460	365TP	HO75P2BLG	RUS	$11,327	$10,534	95	5700	16.5	31-5/32	1-1/4	1/4	800	
	1800	460	365TP	HO75P2SLG	RUS	$11,327	$10,534	95	5700	16.5	31-5/32	1-1/4	1/4	784	PWS
	1200	460	405TP	HO75P3SLGX	RUS	$19,641	$18,444	94.5	13650	16.5	36-15/16	1-1/2	3/8	1200	PWS
100	3600	460	365TP	HO100P1SLG	RUS	$15,284	$14,209	93.6	4500	16.5	31-5/32	1-1/4	3/8	800	PWS
	1800	230/460	404TP	HO100P2BLG	RUS	$14,376	$13,370	95.4	6700	16.5	36-15/16	1-1/2	3/8	1081	
	1800	460	404TP	HO100P2SLG	RUS	$14,376	$13,370	95.4	6700	16.5	36-15/16	1-1/2	3/8	1082	PWS
	1800	460	404TP	HO100P2SLGX	RUS	$14,858	$13,818	95.4	11725	16.5	36-15/16	1-1/2	3/8	1110	PWS
125	1800	460	405TP	HO125P2SLG	RUS	$17,769	$16,330	95.4	6700	16.5	36-15/16	1-1/2	3/8	1143	PWS
	1800	460	405TP	HO125P2SLGX	RUS	$18,387	$16,959	95.4	11725	16.5	36-15/16	1-1/2	3/8	1149	PWS
150	1800	460	444TP	HO150P2SLGX	RUS	$23,466	$22,166	95.8	17150	16.5	44-25/32	1-11/16	3/8	1500	PWS
	1800	460	444TP	HO150P2SLG	RUS	$22,955	$21,655	95.8	9800	16.5	44-25/32	1-11/16	3/8	1569	PWS
	1800	460	444TPA	HO150P2SLH	RUS	$22,955	$21,655	95.8	9800	20	44-25/32	1-11/16	3/8	1593	PWS
200	1800	460	445TPA	HO200P2SLHX	RUS	$29,974	$27,933	95.8	17150	20	44-25/32	1-11/16	3/8	1680	PWS
	1800	460	445TP	HO200P2SLG	RUS	$28,995	$26,935	95.8	9800	16.5	44-25/32	1-11/16	3/8	1657	PWS
250	1800	460	445TPA	HO250P2SLHX	RUS	$37,811	$36,127	95.8	17150	20	44-25/32	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	RUS	$55,213	$53,725	95.8	28500	20	49-13/16	1-15/16	1/2	2552	52,53,PWS
450	1800	460	449TPH	HO450P2SLHX	RUS	$58,702	$57,235	96.2	28500	20	49-13/16	1-15/16	1/2	2900	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	4190	52,53,PWS
	1800	460	449TPH	HO500P2SFLHX	RUS	$62,906	$61,439	96.2	28500	20	49-13/16	2-3/16	1/2	2900	52,53,PWS
600	1800	460	5008P	HO600P2SFLJX	RUE	$93,512	$91,958	96.2	28500	24-1/2	57-1/16	2-3/16	1/2	4210	52,53,PWS

Note 52 Requires minimal external thrust equal to 30% down thrust value shown
Note 53 Synthetic Oil required
Note PWS Part Winding Start