Vertical HOLLOSHAFT® High Thrust Motors - "P" Base Weather Protected Type I (WPI) Energy Efficient UL®† Listed for Fire Pump Applications



IP23

AUE, RUE

APPLICATIONS:

For fire vertical turbine pump applications per NFPA®† 20 where contaminants are minimal.

FEATURES:

- Class F Insulation
- Class B Rise at Full Load (Sine Wave Power)
- 1.15 Service Factor
- Maximum 40°C Ambient at 3,300 Feet Altitude
- Energy Efficient Design
- NEMA®† Design B
- Wye Start Delta Run
- UL Fire Pump Label
- 115 Volt Space Heater
- Shaft Slinger
- Corrosion Resistant Mill & Chemical Duty Paint
- NRR = Non-Reverse Ratchet
- Special Balance

HP	RPM	Voltage	Frame	Catalog Number	Type	List w/ NRR	Discount Symbol	NEMA Nom. Eff	Down Thrust (lbs.)	Base Dia. (in.)	Cplg Height (in.)	Cplg BX (in.)	Cplg Key Size	Ship Wt (lbs)	Notes
15	1800	230/460	254TPH	HOF15E2BLF	AUE	$4,573	DS-7VFPS	91.0	3300	12	23-3/8	1	1/4	265	
	1800	200	254TPH	HOF15E2HLF	AUE	$4,573	DS-7VFPS	91.0	3300	12	23-3/8	1	1/4	265	
20	1800	230/460	256TPH	HOF20E2BLF	AUE	$5,064	DS-7VFPS	91.0	3300	12	23-3/8	1	1/4	300	
	1800	200	256TPH	HOF20E2HLF	AUE	$5,064	DS-7VFPS	91.0	3300	12	23-3/8	1	1/4	300	
25	1800	230/460	284TPA	HOF25E2BLF	AUE	$5,725	DS-7VFPS	91.7	3300	12	24-3/4	1	1/4	300	
	1800	200	284TPA	HOF25E2HLF	AUE	$5,725	DS-7VFPS	91.7	3300	12	24-3/4	1	1/4	300	
30	1800	230/460	286TPA	HOF30E2BLF	AUE	$6,235	DS-7VFPS	92.4	3300	12	24-3/4	1	1/4	300	
	1800	200	286TPA	HOF30E2HLF	AUE	$6,235	DS-7VFPS	92.4	3300	12	24-3/4	1	1/4	300	
40	1800	230/460	324TP	HOF40E2BLG	RUE	$6,985	DS-7VFPS	93.0	5700	16.5	28-7/32	1	1/4	635	
	1800	200	324TP	HOF40E2HLG	RUE	$6,985	DS-7VFPS	93.0	5700	16.5	28-7/32	1	1/4	635	
50	1800	230/460	326TP	HOF50E2BLG	RUE	$8,147	DS-7VFPS	93.0	5700	16.5	28-7/32	1	1/4	675	
	1800	200	324TP	HOF50E2HLG	RUE	$8,147	DS-7VFPS	93.0	5700	16.5	28-7/32	1	1/4	635	
60	1800	230/460	364TP	HOF60E2BLG	RUE	$9,481	DS-7VFPS	93.6	5700	16.5	31-5/32	1	1/4	730	
75	1800	230/460	365TP	HOF75E2BLG	RUE	$11,279	DS-7VFPS	94.1	5700	16.5	31-5/32	1-3/16	1/4	800	
100	1800	230/460	404TP	HOF100E2BLG	RUE	$14,307	DS-7VFPS	94.1	6700	16.5	36-15/16	1-1/2	3/8	1110	
125	1800	230/460	404TP	HOF125E2BLG	RUE	$17,662	DS-7VFPS	94.5	6700	16.5	36-15/16	1-1/2	3/8	1200	
150	1800	230/460	444TP	HOF150E2BLG	RUE	$22,744	DS-7VFPS	95.0	9800	16.5	44-25/32	1-1/2	3/8	1500	
200	1800	460	444TP	HOF200E2SLG	RUE	$28,789	DS-7VFPS	95.0	9800	16.5	44-25/32	1-1/2	3/8	1600	
250	1800	460	444TP	HOF250E2SLG	RUE	$35,868	DS-7VFPS	95.4	9800	16.5	44-25/32	1-1/2	3/8	1600	
300	1800	460	447TP	HOF300E2SLG	RUE	$40,957	DS-7VFPS	95.4	9800	16.5	49-25/32	1-11/16	3/8	2100	

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



IP23

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 50°C Ambient, 3,300 Feet Altitude
- 60Hz Premium Efficient (IE3) Design
- 50Hz Energy Efficient (IE2) Design
- NEMA® Design B
- Drive End Shaft Slinger
- 230 Volt Space Heater
- Stainless Steel Nameplate
- NRR = Non-Reverse Ratchet, SRC = Self-Release Coupling
- Refer to Page ii-iv for Guidelines & Compatibility with VFD's
- **Discount Symbol: DS-7VS**

60 Hz, 220/380-440 Volt, 12 Lead Wye-Delta

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
50	1800	220/380-440	326TP	HO50P2RLG	RUS	$9,000	$8,423	94.5	5700	16.5	28-7/32	1-3/16	1/4	675	53
60	1800	220/380-440	364TP	HO60P2RLG	RUS	$10,480	$9,818	95.0	5700	16.5	31-5/32	1-3/16	1/4	730	53
75	1800	220/380-440	365TP	HO75P2RLG	RUS	$12,460	$11,652	95.4	5700	16.5	31-5/32	1-3/16	1/4	800	14,53
100	1800	220/380-440	404TP	HO100P2RLG	RUS	$15,814	$14,795	95.4	6700	16.5	36-15/16	1-3/16	1/4	1110	53
125	1800	220/380-440	405TP	HO125P2RLG	RUS	$19,546	$18,311	95.4	6700	16.5	36-15/16	1-1/2	3/8	1200	53
150	1800	220/380-440	H444TP	HO150P2RLG	RUS	$25,251	$23,951	95.8	9800	16.5	44-25/32	1-1/2	3/8	1500	53
200	1800	220/380-440	H445TP	HO200P2RLG	RUS	$31,851	$30,504	96.2	9800	16.5	44-25/32	1-1/2	3/8	1600	53
250	1800	220/380-440	447TPA	HO250P2RGLH	RUS	$45,419	$43,938	96.2	9800	20	49-25/32	1-11/16	3/8	2100	53
300	1800	220/380-440	447TPA	HO300P2RLHX	RUS	$48,289	$46,730	96.2	17150	20	49-25/32	1-11/16	3/8	2100	53
350	1800	220/380-440	449TPH	HO350P2RLHX	RUS	$56,095	$54,603	96.2	16625	20	49-26/32	1-15/16	1/2	2800	53

50 Hz, 380-415 Volt, 6 Lead Wye-Delta

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
50	1500	380-415	326TP	HO50E2TLG	RUE	$9,282	$8,733	92.7	5700	16.5	28-7/32	1-3/16	1/4	675	53
60	1500	380-415	364TP	HO60E2TLG	RUE	$10,823	$10,195	93.1	5700	16.5	31-5/32	1-3/16	1/4	675	53
75	1500	380-415	365TP	HO75E2TLG	RUE	$14,170	$13,202	93.5	5700	16.5	31-5/32	1-3/16	1/4	675	53
100	1500	380-415	404TP	HO100E2TLG	RUE	$16,294	$15,326	94.0	6700	16.5	36-15/16	1-3/16	1/4	1110	53
125	1500	380-415	405TP	HO125E2TLG	RUE	$22,627	$21,392	94.3	6700	16.5	36-15/16	1-1/2	3/8	1110	53
150	1500	380-415	H444TP	HO150E2TLG	RUE	$26,046	$24,811	94.5	9800	16.5	44-25/32	1-1/2	3/8	1500	53
200	1500	380-415	H445TP	HO200E2TLG	RUE	$32,802	$31,522	94.9	9800	16.5	44-25/32	1-1/2	3/8	1600	53
250	1500	380-415	447TPA	HO250E2TLH	RUE	$51,127	$49,568	95.1	9800	20	49-25/32	1-11/16	3/8	2100	53
300	1500	380-415	447TPA	HO300E2TLH	RUE	$54,422	$52,930	95.1	9800	20	49-25/32	1-11/16	3/8	2100	53
350	1500	380-415	447TPA	HO350E2TLH	RUE	$57,861	$56,369	95.1	9800	20	49-25/32	1-11/16	3/8	2800	53

NOTE: Alternative Coupling Sizes per Frame Size are listed on pages 264-266.
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 14 NEMA® Design A
Note 53 Synthetic Oil required