

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

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 | 9800 | 20 | 49-25/32 | 1-11/16 | 3/8 | 2100 | 53 |
| 350 | 1800 | 220/380-440 | 449TPH | HO350P2RGLHX | 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 | HO250P2TLH | 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

