

Series 4600 Horizontal Split Case Pump

8 x 6 x 12.5L

SUBMITTAL

JOB: _____ REPRESENTATIVE: _____

ENGINEER: _____ ORDER NO: _____ DATE: _____

CONTRACTOR: _____ SUBMITTED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

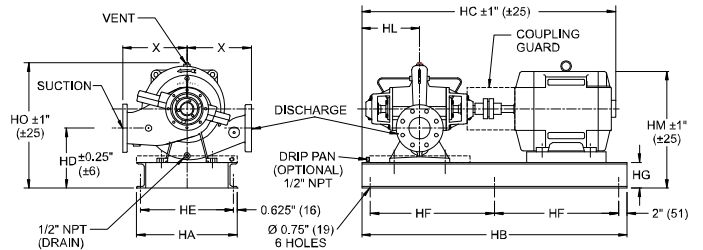
| PUMP DESIGN DATA | | | |
|------------------|-------------|-------------------|--------|
| NO. OF PUMPS: | | TAG: | |
| CAPACITY: | USgpm (L/s) | HEAD: | ft (m) |
| LIQUID: | | VISCOSITY: | |
| TEMPERATURE: | °F (°C) | SPECIFIC GRAVITY: | |

| MOTOR DESIGN DATA | | |
|--|--------------|------------|
| HP: | | RPM: |
| FRAME SIZE: | | ENCLOSURE: |
| VOLTS: | HERTZ: 50 Hz | PHASE: |
| EFFICIENCY: <input type="checkbox"/> Energy Efficient <input type="checkbox"/> NEMA Premium <input type="checkbox"/> Other _____ | | |

| MATERIALS OF CONSTRUCTION | | |
|--------------------------------|---|---|
| FLANGE RATING | <input type="checkbox"/> ANSI 125 | <input type="checkbox"/> ANSI 250 |
| CONSTRUCTION | <input type="checkbox"/> BRONZE ITTED <input type="checkbox"/> ALL IRON | <input type="checkbox"/> BRONZE ITTED <input type="checkbox"/> ALL IRON |
| CASING | CAST IRON | |
| IMPELLER | BRONZE | CAST IRON |
| FLUSH LINE | COPPER | STEEL |
| WEAR RINGS | BRONZE | CAST IRON |
| SHAFT | CARBON STEEL | |
| SHAFT SLEEVE | BRONZE | |
| GASKET | VELOTHERM (FIBER) | |
| MAX. PUMP OPERATING CONDITIONS | 175 psi at 140°F (12 bars at 60°C) | 300 psi at 150°F (21 bars at 66°C) |
| | 140 psi at 250°F (10 bars at 121°C) | 250 psi at 250°F (17 bars at 121°C) |

| MECHANICAL SEAL DESIGN DATA | | |
|-----------------------------|-----------------------------------|-----------------------------------|
| PUMP FLANGE RATING | <input type="checkbox"/> ANSI 125 | <input type="checkbox"/> ANSI 250 |
| SEAL TYPE | A21 | ARO |
| STATIONARY SEAT | SILICON CARBIDE | CARBON |
| ROTATING FACE | CARBON | DURCHROME |
| SECONDARY SEAL | EPDM | VITON |
| SPRING | STAINLESS STEEL | |
| ROTATING HARDWARE | STAINLESS STEEL | |
| GLAND PLATE | BRONZE | |

| OPTIONAL EQUIPMENT |
|--------------------|
| |



IMPORTANT (PLEASE SELECT)

| SUCTION SIDE REQUIREMENT |
|---|
| (Viewed from motor end) |
| <input type="checkbox"/> RIGHT HAND (ILLUSTRATED) |
| <input type="checkbox"/> LEFT HAND |

| FLANGE RATINGS | |
|----------------------------------|-----------|
| SUCTION | DISCHARGE |
| <input type="checkbox"/> 125 psi | 125 psi |
| <input type="checkbox"/> 125 psi | 250 psi |
| <input type="checkbox"/> 250 psi | 250 psi |

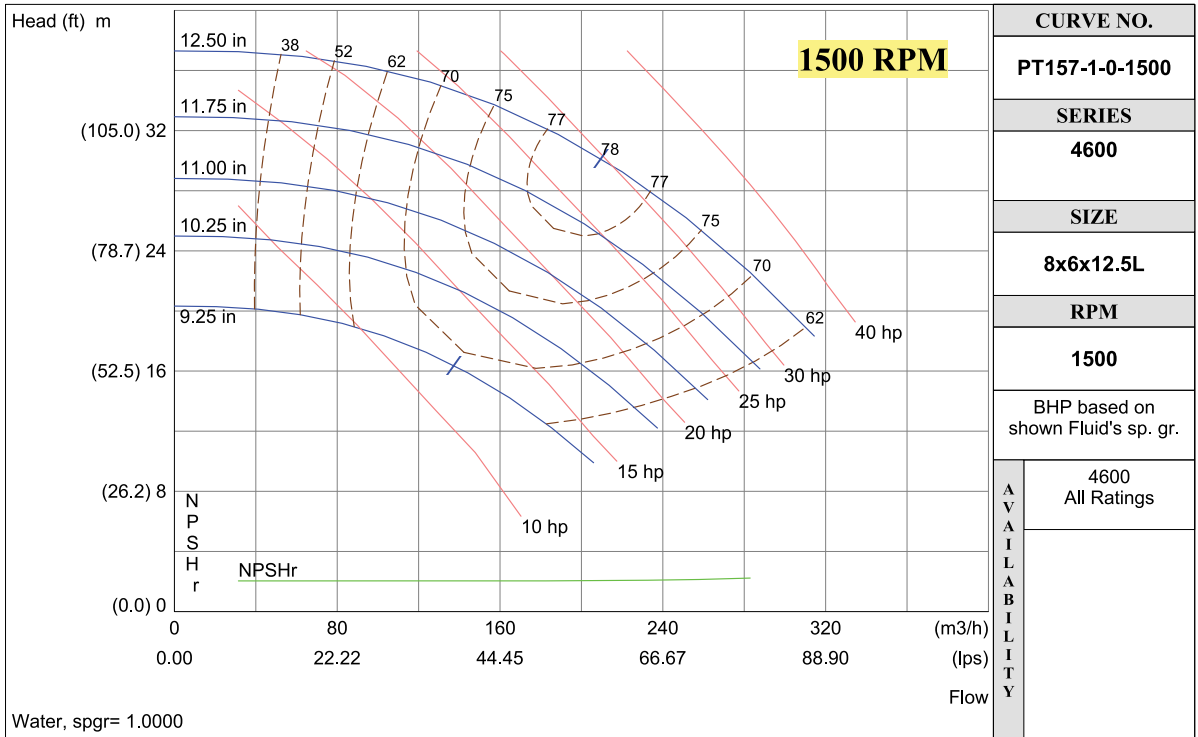
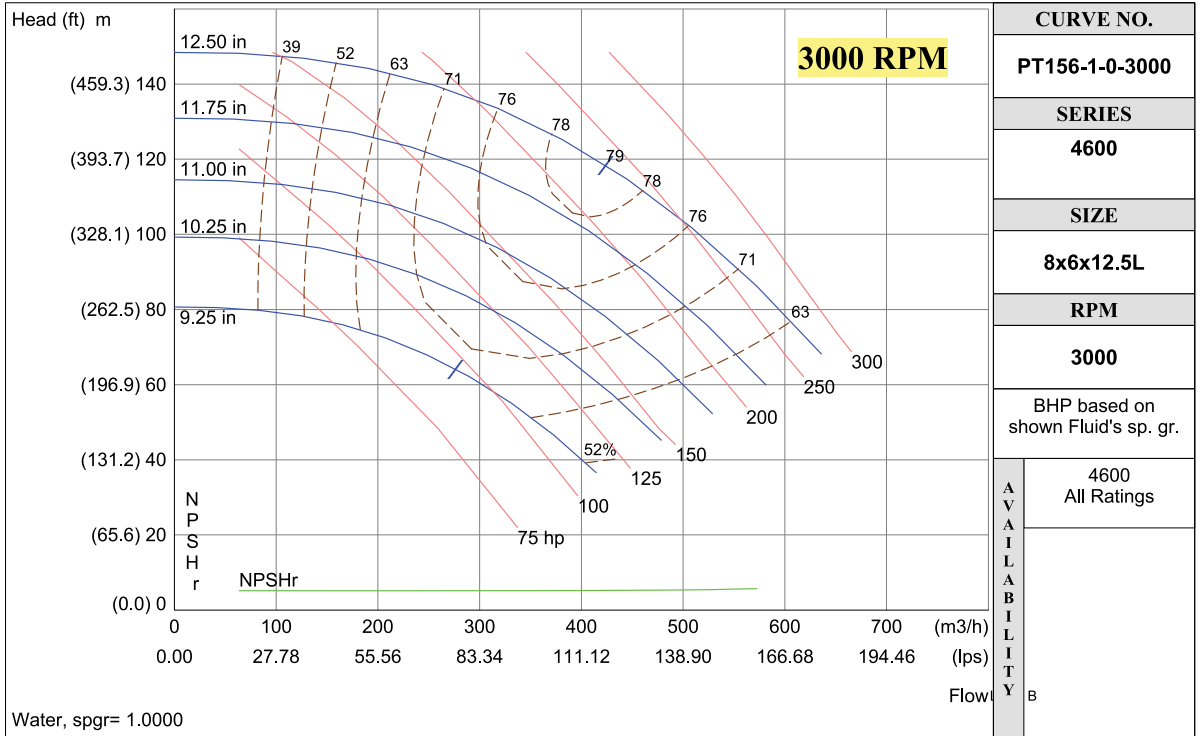
- TOLERANCE OF ±0.125" (±3 mm) SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS

| MOTOR FRAME | hp @ rpm | | DIMENSIONS inches (mm) | | | | | | | | | | | WEIGHT lbs. (kg) | |
|-------------|---------------|------|------------------------|--------------|--------------|-------------|-------------|-------------|------------|-------------|------------|-------------|-------------|------------------|---------------|
| | 3000 ODP/TEFC | 1500 | HA | HB | HC (max) | HD | HE | HF | HG | HL | HM | HO | X | ODP | TEFC |
| 254T | | 15 | | | 54.88 (1394) | | | | | | | | | 930 (422.7) | 970 (440.9) |
| 256T | | 20 | 16.00 (406) | 54.00 (1372) | 56.13 (1426) | 9.75 (248) | 14.75 (375) | 25.00 (635) | 3.00 (76) | | 19.50(495) | 4.44 (6212) | | 940 (427.3) | 1010 (459.1) |
| 284T | | 25 | | | 57.95 (1472) | | | | | | 20.88(530) | | | 990 (450.0) | 1030 (468.2) |
| 286T | | 30 | | 58.00 (1473) | 59.06 (1500) | | | 27.00 (686) | | | 22.38(568) | | | 1010 (459.1) | 1050 (477.3) |
| 324T | | 40 | | | 59.44 (1510) | | | | | | 24.44(621) | | | 1165 (529.5) | 1340 (609.1) |
| 365TS | 100/- | | 19.00 (483) | | 62.00 (1575) | 10.75 (273) | 17.75 (451) | 30.00 (762) | | | 23.75(603) | 25.44 (646) | 15.00 (381) | 1380 (627.3) | — |
| 404TS | 125/- | | | 64.00 (1626) | 60.63 (1540) | | | | | 13.50 (343) | | | | 1530 (695.5) | — |
| 405TS | 150/100 | | | | 66.00 (1676) | | | | | | | | | 1580 (718.2) | 1905 (865.9) |
| 444TS | 200/125 | | | | 67.00 (1702) | | | | | | | | | 1900 (863.6) | 2475 (1125.0) |
| 445TS | 250/150 | | | 70.00 (1778) | 73.13 (1858) | | | | 4.00 (102) | | | | | 2020 (918.2) | 2575 (1170.5) |
| 445TS | 300/- | | 25.00 (635) | | | 10.75 (273) | 23.75 (603) | 33.00 (838) | | | 27.50(699) | 25.44 (646) | | 2020 (918.2) | — |
| 447TS | -/200 | | | | 76.63 (1946) | | | | | | | | | — | 2800 (1272.7) |
| 449TS | -/250 | | | 80.00 (2032) | 82.38 (2092) | | | 38.00 (965) | | | | | | — | 3210 (1459.1) |
| 449TS | -/300 | | | | | | | | | | | | | — | 3400 (1545.5) |



PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated
 CURVE SHOWN FOR CLEAR, COLD WATER - SP. GR. 1.0



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