

Series 4600 Horizontal Split Case Pump

5 x 4 x 12H

SUBMITTAL

JOB: _____ REPRESENTATIVE: _____

ENGINEER: _____ ORDER NO: _____ DATE: _____

CONTRACTOR: _____ SUBMITTED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

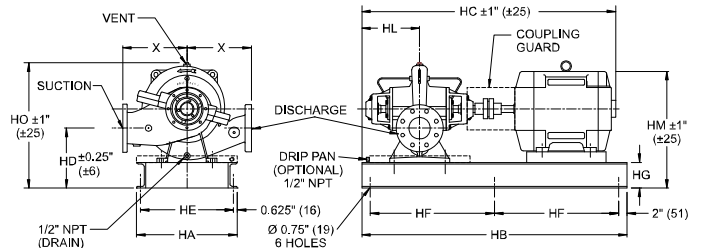
| PUMP DESIGN DATA | | | |
|------------------|-------------|-------------------|--------|
| NO. OF PUMPS: | | TAG: | |
| CAPACITY: | USgpm (L/s) | HEAD: | ft (m) |
| LIQUID: | | VISCOSITY: | |
| TEMPERATURE: | °F (°C) | SPECIFIC GRAVITY: | |

| 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 |

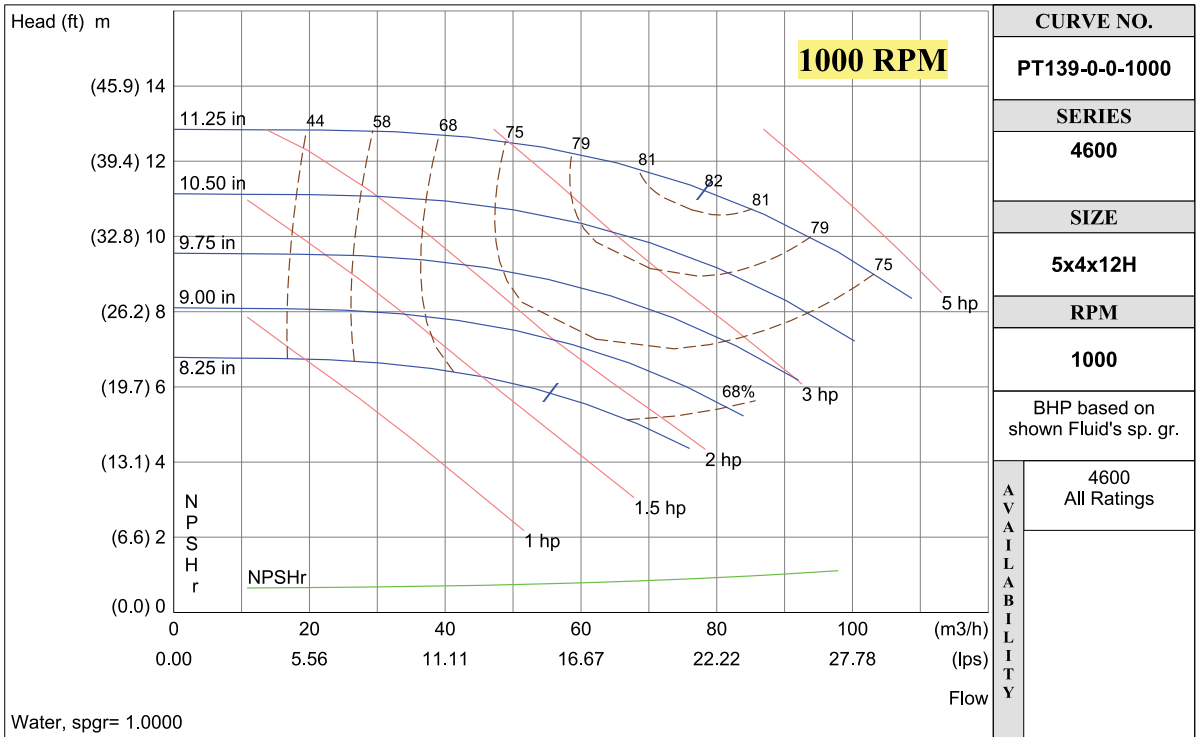
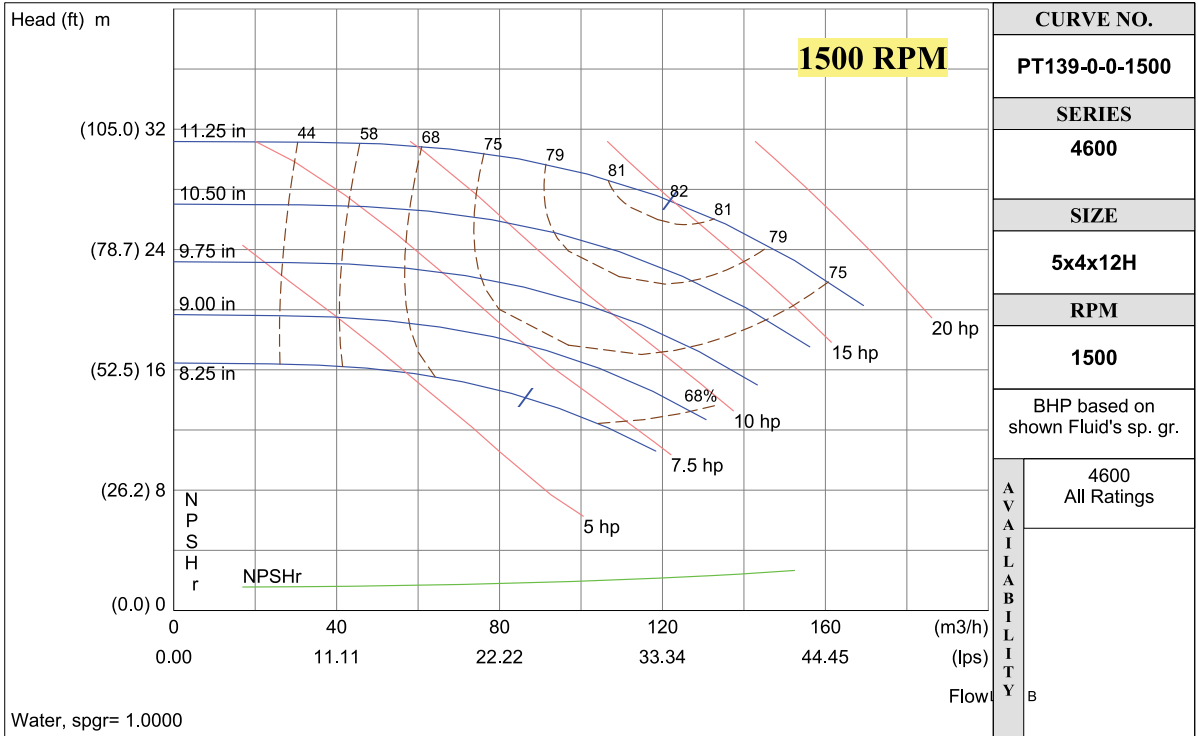
- TOLERANCE OF ±0.125" (±3 mm) SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS

| MOTOR FRAME | hp @ rpm | DIMENSIONS inches (mm) | | | | | | | | | | | WEIGHT lbs. (kg) | |
|-------------|----------|------------------------|--------------|--------------|------------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|------------------|-------------|
| | | HA | HB | HC (max) | HD | HE | HF | HG | HL | HM | HO | X | ODP | TEFC |
| 213T | 7.5 | 16.00 (406) | 54.00 (1372) | 49.63 (1261) | 9.50 (241) | 14.75 (375) | 25.00 (635) | 3.00 (76) | 13.50 (343) | 18.75 (476) | 22.00 (559) | 13.00 (343) | 725 (329.5) | 750 (340.9) |
| 215T | 10 | | | 51.13 (1299) | | | | | | | | | 735 (334.1) | 760 (345.5) |
| 254T | 15 | | | 54.88 (1394) | | | | | | | | | 785 (356.8) | 825 (375.0) |
| 256T | 20 | | | 56.13 (1426) | | | | | | | | | 805 (365.9) | 875 (397.7) |
| 284T | 25 | | | 57.95 (1472) | | | | | | | | | 855 (388.6) | 895 (406.8) |



PERFORMANCE CURVES

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



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