

## Series 4030 End Suction Base Mounted

# 3 x 2 x 6

# SUBMITTAL

|                   |                                 |
|-------------------|---------------------------------|
| JOB: _____        | REPRESENTATIVE: _____           |
| ENGINEER: _____   | ORDER NO: _____ DATE: _____     |
| CONTRACTOR: _____ | SUBMITTED BY: _____ DATE: _____ |
|                   | APPROVED BY: _____ DATE: _____  |

| PUMP DESIGN DATA                  |                               |
|-----------------------------------|-------------------------------|
| NO. OF PUMPS:                     | TAG:                          |
| CAPACITY: m <sup>3</sup> /h (L/s) | HEAD: m (ft)                  |
| LIQUID:                           | VISCOSITY:                    |
| TEMPERATURE: °C (°F)              | SPECIFIC GRAVITY:             |
| SUCTION: 75 mm (3") Flanged       | DISCHARGE: 50 mm (2") Flanged |

| MOTOR DESIGN DATA  |  |
|--|--|
| HP:  | RPM:                                   |
| FRAME SIZE:  | ENCLOSURE:                             |
| VOLTS:   | HERTZ: 50 Hz                           |
| EFFICIENCY*: <input type="checkbox"/> NEMA Premium (12.12) | <input type="checkbox"/> Other _____ % |

\*Fractional power & Frame 56 motors are supplied with the standard efficiency of the manufacturer.

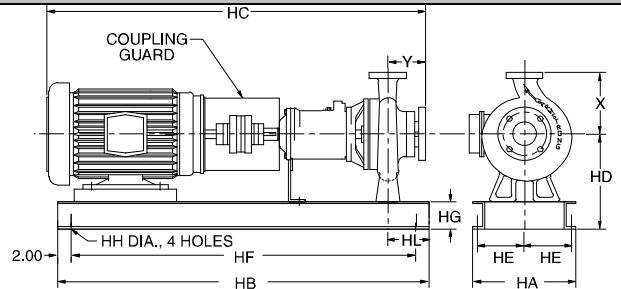
| MATERIALS OF CONSTRUCTION             |                                      |                             |                                      |                             |
|---------------------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| ANSI FLANGE RATING                    | <input type="checkbox"/> ANSI 125    |                             | <input type="checkbox"/> ANSI 250    |                             |
| CONSTRUCTION                          | <input type="checkbox"/> BF          | <input type="checkbox"/> AI | <input type="checkbox"/> BF          | <input type="checkbox"/> AI |
| IMPELLER                              | BRONZE                               | CAST IRON                   | BRONZE                               | CAST IRON                   |
| CASING                                | CAST IRON                            |                             | DUCTILE IRON                         |                             |
| GASKET                                | CONFINED NON-ASBESTOS FIBER          |                             |                                      |                             |
| BEARING FRAME                         | CAST IRON                            |                             |                                      |                             |
| ANTI-FRICTION BEARINGS                | PERMANENTLY LUBRICATED               |                             |                                      |                             |
| SHAFT                                 | CARBON STEEL                         |                             |                                      |                             |
| SHAFT SLEEVE                          | STAINLESS STEEL                      |                             |                                      |                             |
| COUPLER                               | WOODS SURE FLEX OR EQUAL             |                             |                                      |                             |
| COUPLER GUARD                         | STEEL OSHA                           |                             |                                      |                             |
| BASEPLATE                             | FABRICATED STEEL                     |                             |                                      |                             |
| <b>MAX. PUMP OPERATING CONDITIONS</b> | 12 bars at 66°C (175 psig at 150°F)  |                             | 20 bars at 65°C (300 psig at 150°F)  |                             |
|                                       | 10 bars at 121°C (140 psig at 250°F) |                             | 14 bars at 121°C (210 psig at 250°F) |                             |

- TOLERANCE OF ±3 mm (±0.125") SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS
- SEE PERFORMANCE CURVES ON PAGE 2
- PUMP EQUIPPED WITH CASING DRAIN PLUG AND 1/4" NPT SUCTION AND DISCHARGE GAUGE PORTS

| MECHANICAL SEAL DESIGN DATA |                        |                          |
|-----------------------------|------------------------|--------------------------|
| FLUID TYPE                  | NON-POTABLE            | POTABLE (DRINKING) WATER |
| SEAL TYPE                   | 2A                     |                          |
| ROTATING FACE               | ANTIMONY LOADED CARBON | RESIN BONDED CARBON      |
| STATIONARY SEAT             | SILICON CARBIDE        |                          |
| SECONDARY SEAL              | VITON                  | EPDM                     |
| SPRING                      | STAINLESS STEEL        |                          |
| ROTATING HARDWARE           | STAINLESS STEEL        |                          |

### OPTIONAL EQUIPMENT

FOR PERFORMANCE CURVES SEE PAGE 2



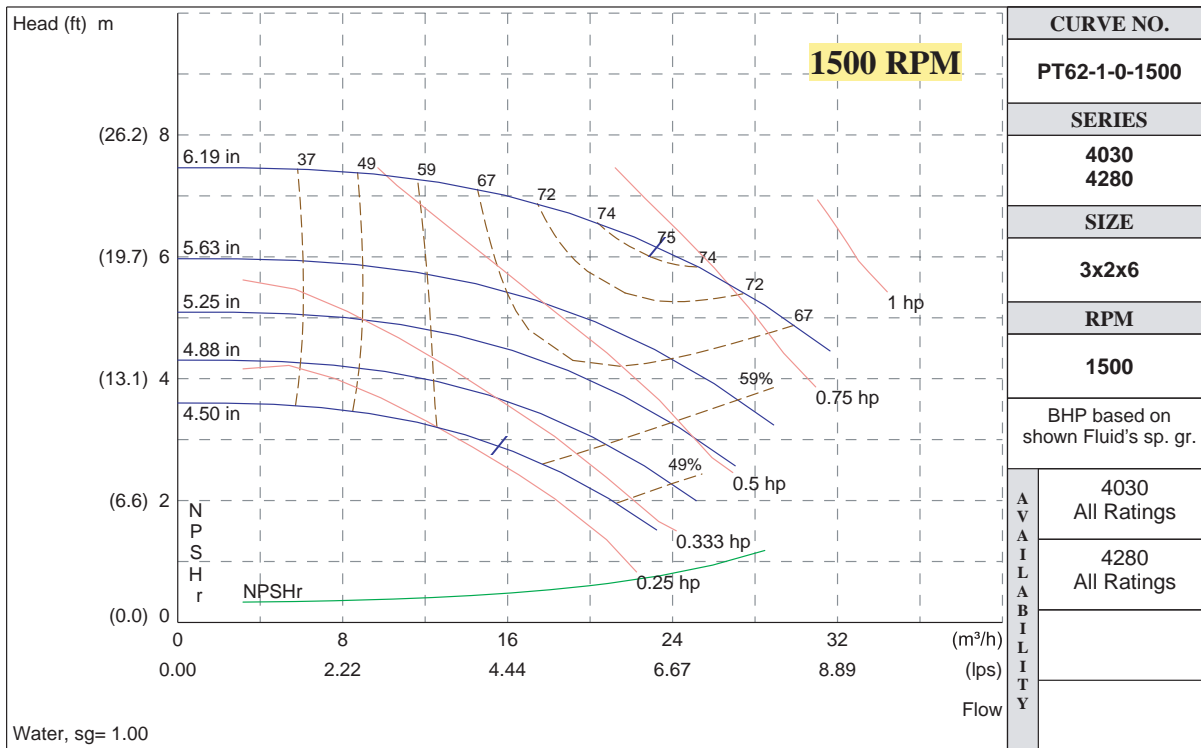
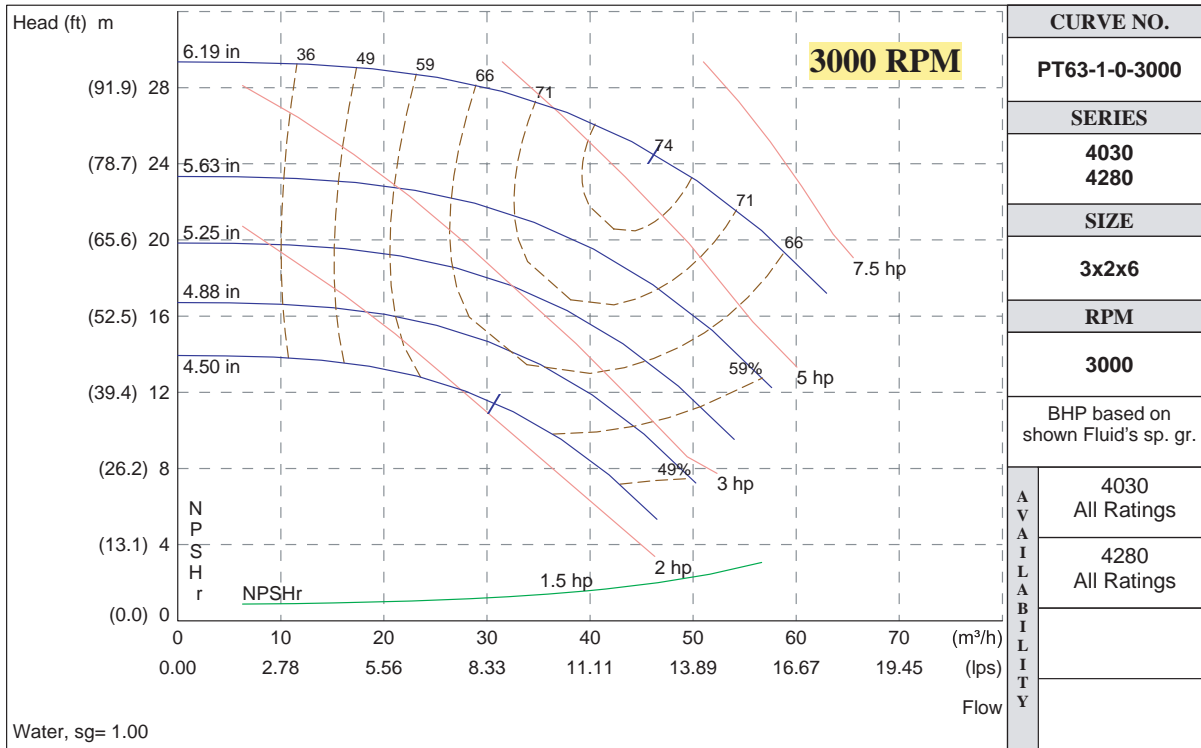
| MOTOR HORSEPOWER |           |      |           | MAX. DIMENSIONS mm (inches) |             |             |             |            |            |             |           |           |            |            |            | MAX. ASSEMBLY WEIGHT* |           |
|------------------|-----------|------|-----------|-----------------------------|-------------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------------------|-----------|
| ODP              |           | TEFC |           | FRAME                       | ODP / TEFC  |             |             |            |            |             |           |           |            |            |            |                       | kg (lbs.) |
| 3000             | 1500      | 3000 | 1500      |                             | HA          | HB          | HC          | HD         | HE         | HF          | HG        | HH        | HL         | X          | Y          |                       |           |
| ---              | 0.33-0.75 | ---  | 0.33-0.75 | 56                          | 356 (14.00) | 762 (30.00) | 670 (26.38) | 235 (9.25) | 162 (6.38) | 660 (26.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 53.6 (118)            |           |
| ---              | 1         | ---  | 1         | 143T                        | 356 (14.00) | 762 (30.00) | 712 (28.03) | 235 (9.25) | 162 (6.38) | 660 (26.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 57.2 (126)            |           |
| 2 & 3            | ---       | 2    | ---       | 145T                        | 356 (14.00) | 762 (30.00) | 712 (28.03) | 235 (9.25) | 162 (6.38) | 660 (26.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 57.2 (126)            |           |
| 5                | ---       | 3    | ---       | 182T                        | 356 (14.00) | 762 (30.00) | 781 (30.73) | 235 (9.25) | 162 (6.38) | 660 (26.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 68.6 (151)            |           |
| 7.5              | ---       | 5    | ---       | 184T                        | 356 (14.00) | 762 (30.00) | 781 (30.73) | 235 (9.25) | 162 (6.38) | 660 (26.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 73.1 (161)            |           |
| ---              | ---       | 7.5  | ---       | 213T                        | 356 (14.00) | 838 (33.00) | 874 (34.40) | 235 (9.25) | 162 (6.38) | 737 (29.00) | 76 (3.00) | 19 (0.75) | 114 (4.50) | 210 (8.25) | 102 (4.00) | 89.0 (196)            |           |

\*Assembly weight combines pump and motor.



# PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



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