# 1900 Series Pump | Submittal Data

**Submittal No:** 301-251 | **Model:** 1915 | **RPM:** 3500 | **Effective:** May 30, 2024 | **Supersedes:** August 2, 2023

**JOB:** _____ **REPRESENTATIVE:** _____

**ENGINEER:** _____ **CONTRACTOR:** _____

## PRODUCT DATA

**ITEM NO.** _____ **MODEL NO.** 1915

**IMPELLER DIAMETER** _____ **HORSEPOWER** _____

**GPM** _____ **RPM** 3500 **VOLTAGE** _____

**HEAD/FT** _____ **WEIGHT** _____

**NSF 61 CERTIFIED** ☐ YES ☐ NO

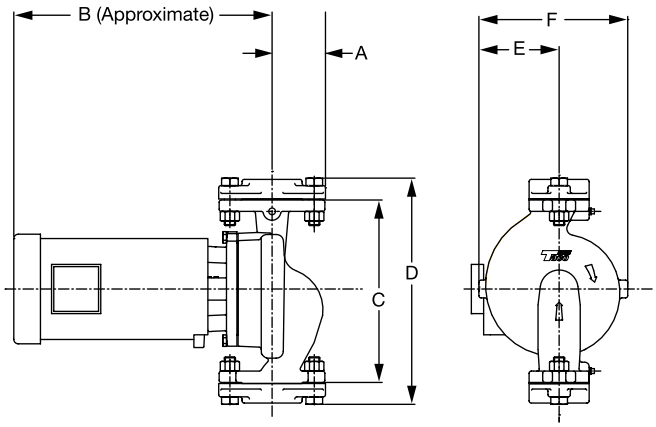
| Configuration | DOE Basic Model Number | PEI Value | | Energy Rating |
|---|---|---|---|---|
| Bare Pump | 1915-2P-BP | $PEI_{cl}$ | 0.87 | 13 |
| Pump + Motor | 1915-2P-PM | $PEI_{cl}$ | 0.87 | 13 |

## DIMENSIONS

**Model No. |** 1915
**Flange Size (Suction x Discharge) |** 1 1/2 (38)

| HORSEPOWER (KW) | 2 (1.50) | 3 (2.25) | 5 (3.75) | 7.5 (5.63) |
|---|---|---|---|---|
| PUMP WEIGHT LBS (KG) | 103 (47) | 112 (51) | 139 (63) | 149 (68) |
| A | 3.13 (79) | | | |
| B | 16.00 (406) | | 17.00 (432) | |
| C | 13.50 (343) | | | |
| D | 16.13 (410) | | | |
| E | 5.15 (131) | | | |
| F | 9.75 (248) | | | |

English dimensions are in inches. Metric dimensions are in millimeters.
Metric data is presented in ( ). Do not use for construction purposes unless certified.




## SPECIFICATIONS

**MOTORS**
3500 RPM, Three Phase 208/230/460V, 60 Hz, Nema 56 C Frame Motors. Also available in Single Phase 115/208/230V. Motors are sealed ball bearing design, and require no maintenance.

**BODY**
Cast iron with in-line flanged connections. Also available in optional all Stainless Steel (304). Companion flanges included with the pump. NSF61 All-SS models are also available.

**IMPELLER**
One Piece Cast Stainless Steel (304), Closed, Dynamically Balanced Impeller.

**DRIVE**
Close Coupled Direct Driven Pump.

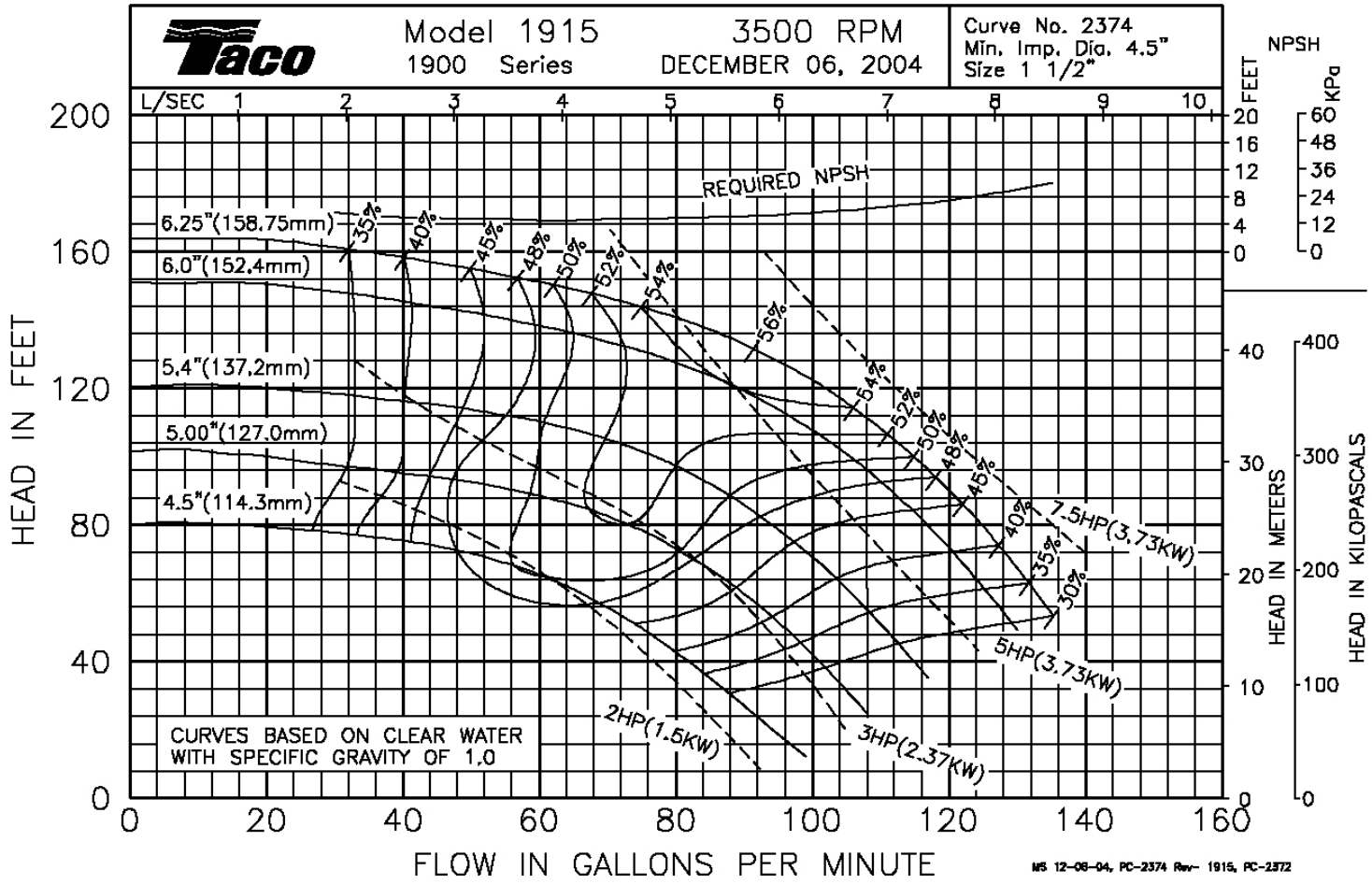
**SHAFT**
416 Stainless Steel Shaft.

**MECHANICAL SEAL**
J. Crane Type 21 with carbon rotating element and ceramic stationary seat, with a maximum operating temperature of 250º F (121º C) furnished as standard. Optional “Sealide C” with silicon carbide rotating element and silicon carbide stationary seat is also available for systems with aggressive/glycol fluids, with a maximum operating temperature of 300º F (149º C).

**WORKING PRESSURE**
175 PSI (1207 kPa) in accordance with ASA B16.1.

**VARIABLE FREQUENCY DRIVE RECOMMENDATIONS**
Pump Turn Down Ratio = 4:1
Recommended Minimum Drive Frequency = 15 Hz

**NOTE:** Pump flanges are tapped for gauges.


Taco
Model 1915
1900 Series
3500 RPM
DECEMBER 06, 2004
Curve No. 2374
Min. Imp. Dia. 4.5"
Size 1 1/2"
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
6.25"(158.75mm)
6.0"(152.4mm)
5.4"(137.2mm)
5.00"(127.0mm)
4.5"(114.3mm)
35%
40%
45%
48%
50%
52%
54%
56%
7.5HP(5.73KW)
5HP(3.73KW)
3HP(2.37KW)
2HP(1.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
M5 12-08-04, PC-2374 Rev- 1915, PC-2372

**COMMENTS**