



# Submittal Data

## 1600 Series Pumps (Stock Models)

301-001

EFFECTIVE: October 4, 2013

SUPERSEDES: July 1, 2011

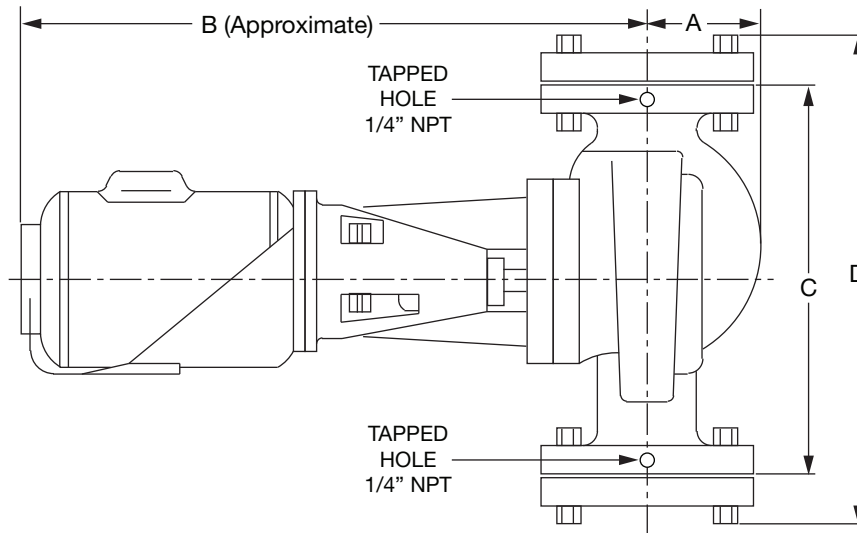
1750 RPM MODELS

JOB \_\_\_\_\_ ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	T.D.H.	H.P.	ELEC. CHAR.

WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



**DIMENSIONS:**

\* 1/4 HP AVAILABLE IN 1 PHASE ONLY

MODEL NUMBER		FLANGE SIZE	POWER HP (KW)	DIMENSIONS			
STOCK 1600	CUSTOM 1600			A	B	C	D
1600			1/4 (0.19) *		16.0 (419)		
1610	1611	1 1/2 (38)	1/3 (0.25)	3 (76)	16.0 (419)	10 1/4 (260)	12 7/8 (327)
			1/2 (0.37)		17.0 (432)		
			1/3 (0.25)		18.0 (457)		
1612	1615	1 1/2 (38)	1/2 (0.37)	3 1/8 (79)	18.5 (470)	13 1/2 (343)	16 1/8 (410)
1614			3/4 (0.56)		19.0 (483)		
			1 (0.75)		19.5 (495)		
			3/4 (0.56)		18.5 (470)		
1616	1619	2 (51)	1 (0.75)	3 (76)	19.0 (483)	14 1/2 (368)	17 3/8 (441)
			1 1/2 (1.10)		21.0 (533)		
			2 (1.50)		23.0 (584)		
1630			1/2 (0.37)		18.0 (457)		
1632	1635	2 (51)	3/4 (0.56)	3 1/2 (89)	18.5 (470)	13 1/2 (343)	16 1/8 (410)
1634			1 (0.75)		19.0 (483)		
			1 1/2 (1.10)		21.0 (533)		
1636			1 1/2 (1.10)		21.0 (533)		
1638	1641	2 (51)	2 (1.50)	3 5/8 (92)	23.0 (584)	16 1/2 (419)	19 1/2 (495)
			3 (2.37)		24.0 (610)		

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

NOTE: Individual Submittal Data sheets are available for CUSTOM models.

**MATERIALS OF CONSTRUCTION**

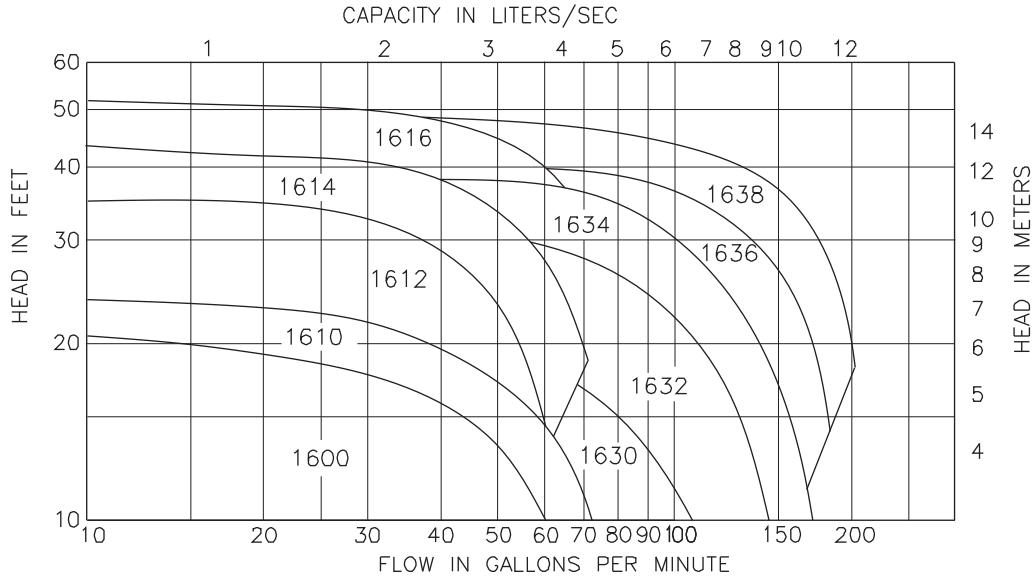
Item	Standard	Optional
Casing	Cast Iron	Bronze
Impeller	Cast Bronze	N/A
Shaft	Hardened Alloy Steel	Stainless Steel 416
Shaft Sleeve	Cupro-Nickel	N/A
Bracket	Cast Iron	Cast Iron with Stainless Steel Face Plate

N/A - Not Available

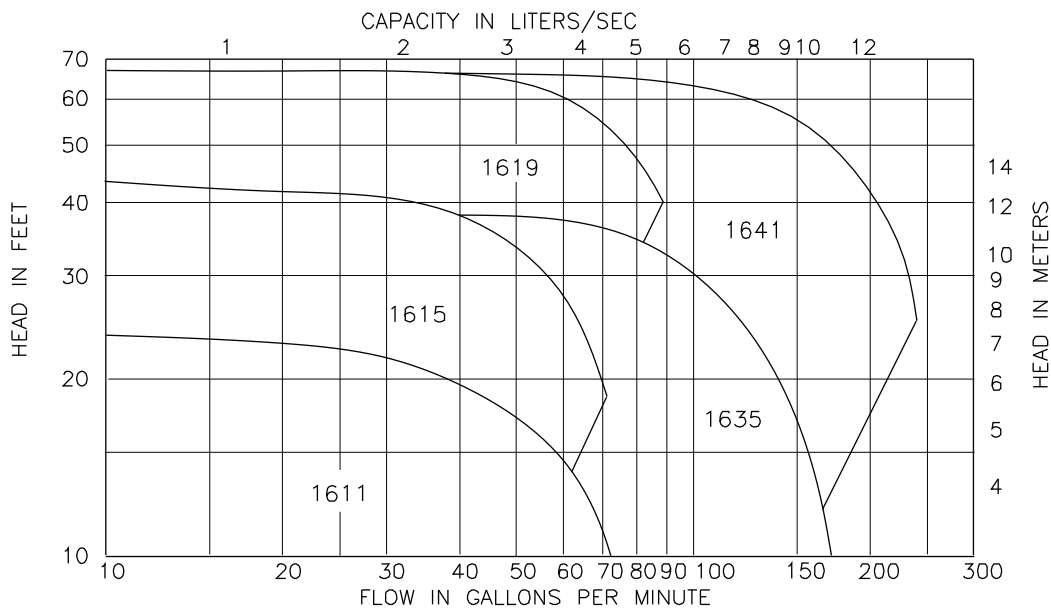
**SPECIFICATIONS**

MOTORS	1750 RPM, Three Phase 200V or 230/460V, 60Hz. Also available in Single Phase with overload protection except 3HP (2238 Watts).
BODY	Flanged in-line connections. Companion flanges are included.
FLANGES	Flanges are tapped for gauges (1/4" NPT).
IMPELLER	Closed, dynamically balanced
DRIVE COUPLING	Non-Metallic, vibration dampening
FRAME	Ball bearing type, permanently lubricated. REMOVABLE BEARING CARTRIDGE FITS ALL MODELS.
MECHANICAL SEAL	Type 21 2 Piece Standard - 250°F (121°C) Operating Temperature or Optional High Temperature - 300°F (149°C) Operating Temperature
WORKING PRESSURE	175 PSI (1207 kpa). In accordance with ANSI Standard B16.1.

**1600 SERIES STOCK UNIT QUICK SELECTION CURVES (1750 RPM)**



**1600 SERIES CUSTOM UNIT QUICK SELECTION CURVES (1750 RPM)**



Comments: \_\_\_\_\_

**Do it Once. Do it Right.®**

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