

1600 Series Stock Pumps | Submittal Data

Submittal No: 301-001 | RPM: 1750 RPM | Effective: January 14, 2022 | Supersedes: June 29, 2020

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____

MODEL NO. _____

IMPELLER DIAMETER _____ HP _____

GPM _____ VOLTAGE _____

T.D.H. _____ WEIGHT _____

PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

* 1/4 and 1/3 HP AVAILABLE IN 1 PHASE ONLY

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

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

MOTOR CONFIGURATION

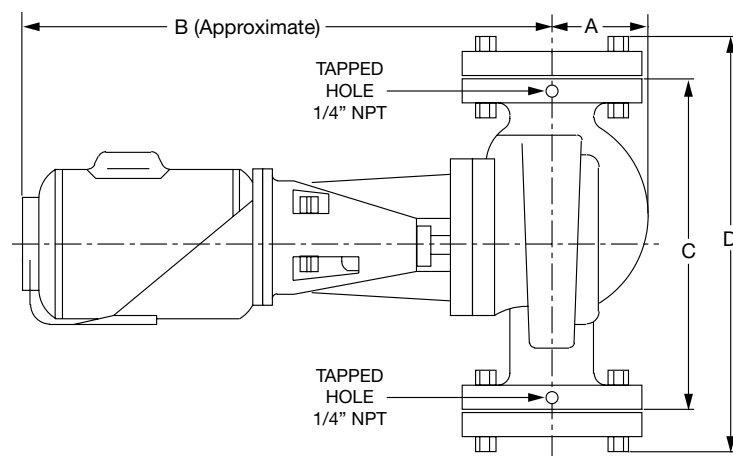
1750 RPM

Three Phase 200V, 60Hz
Three Phase 230/460V, 60Hz
Single Phase with overload protection

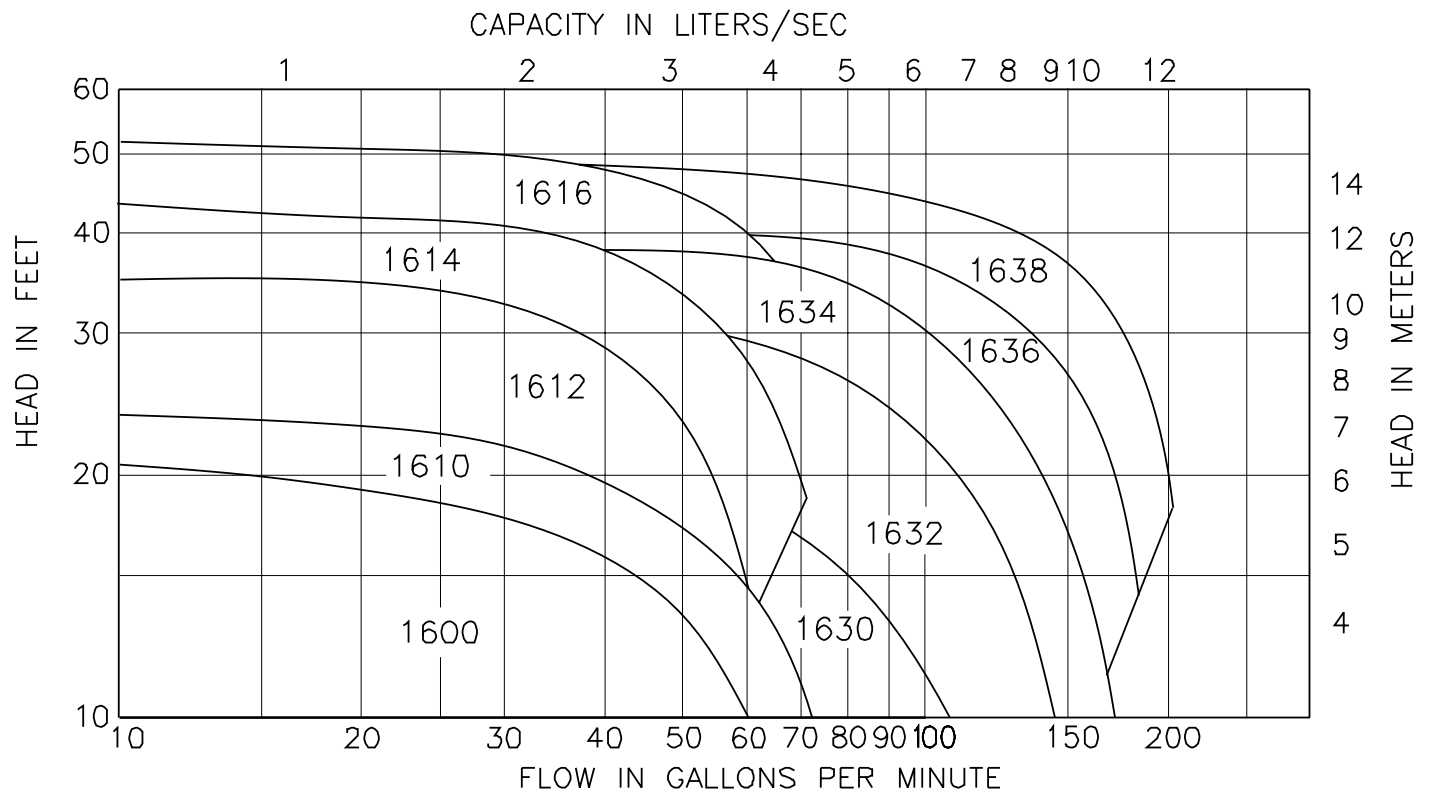
SPECIFICATIONS

- 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
High Temperature – 300°F (149°C) Operating Temperature
- Working Pressure – 175 PSI (1207 kpa).
In accordance with ANSI Standard B16.1.

MATERIALS OF CONSTRUCTION	STANDARD	OPTIONAL
CASING	Cast Iron	304 Stainless Steel
IMPELLER	304 Stainless Steel	N/A
SHAFT	Stainless Steel 416	N/A
BRACKET	Cast Iron	Cast Iron with Stainless Steel Face Plate



1600 SERIES STOCK UNIT QUICK SELECTION CURVES (1750 RPM)



COMMENTS