



# Submittal Data

301-002

## 1600 Series Pumps (1611 Custom Model)

EFFECTIVE: November 1, 2014

SUPERSEDES: July 1, 2011

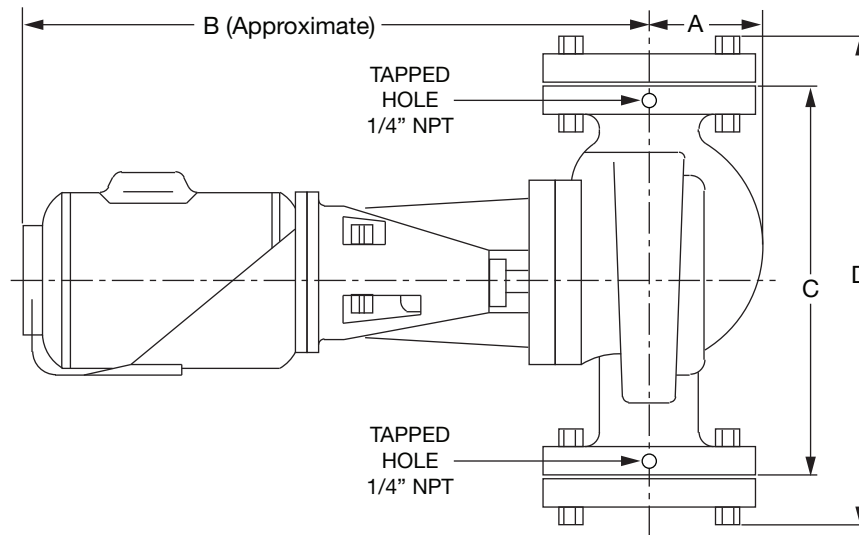
1750 RPM MODEL 1611

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 and 1/3 HP AVAILABLE IN 1 PHASE ONLY

CUSTOM MODEL NUMBER	FLANGE SIZE	POWER HP (KW)	DIMENSIONS			
			A	B	C	D
1611	1½ (38)	¼ (0.19) *	3 (76)	16.0 (419)	10¼ (260)	12⅞ (327)
		⅓ (0.25) *		16.0 (419)		
		½ (0.37)		17.0 (432)		

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

**MATERIALS OF CONSTRUCTION**

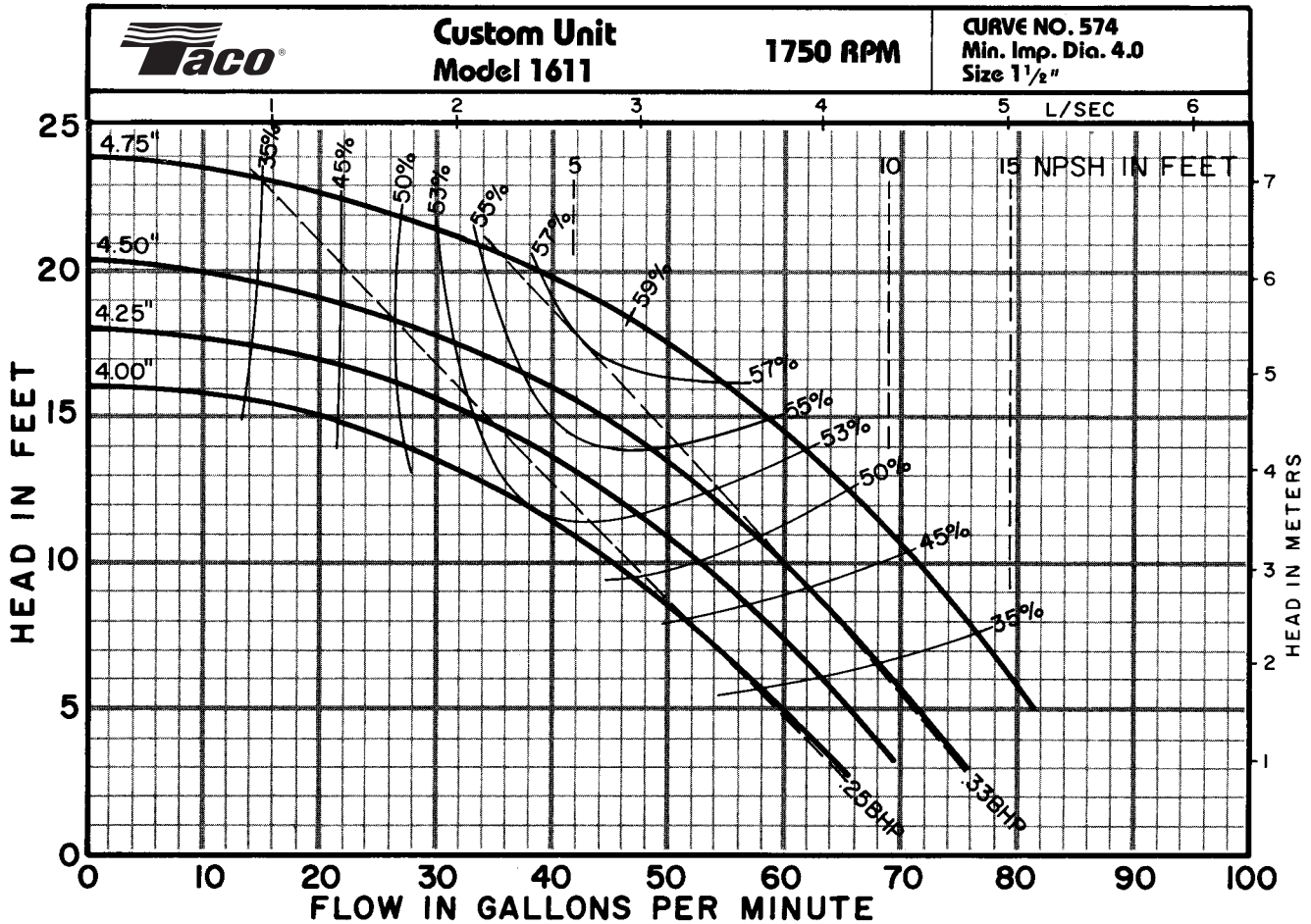
Item	Standard	Optional
Casing	Cast Iron	304 Stainless Steel
Impeller	304 Stainless Steel	N/A
Shaft	Hardened Alloy Steel	Stainless Steel 416
Shaft Sleeve	Cupro-Nickel	N/A
Bracket	Cast Iron	Cast Iron with Stainless Steel Face Plate

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.

**MODEL 1611 CUSTOM UNIT PERFORMANCE CURVE (1750 RPM)**



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

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