



# Submittal Data Information

## 1600 Series Pumps (1635 Custom Model)

301-005

EFFECTIVE: November 1, 2014

SUPERSEDES: July 1, 2011

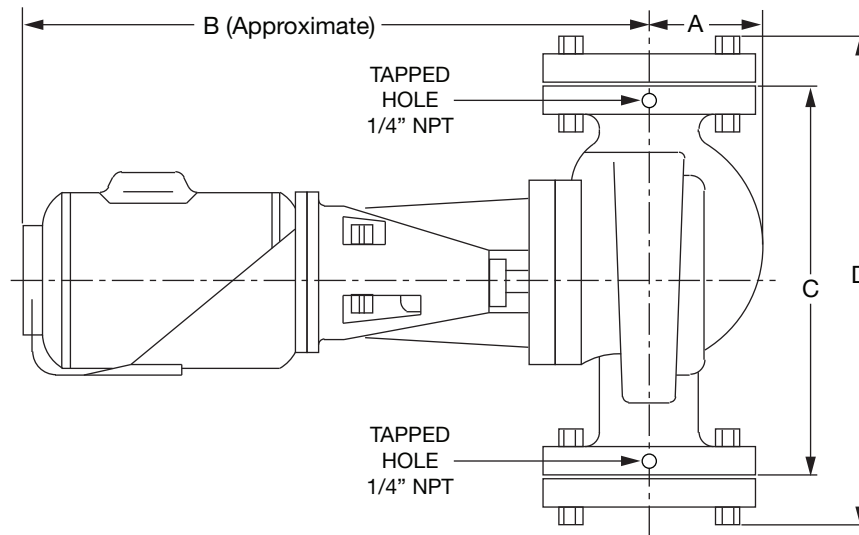
1750 RPM MODEL 1635

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

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

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

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



**DIMENSIONS:**

CUSTOM MODEL NUMBER	FLANGE SIZE	POWER HP (KW)	DIMENSIONS			
			A	B	C	D
1635	2 (51)	1/2 (0.37)	3 1/2 (89)	18.0 (457)	13 1/2 (343)	16 1/8 (410)
		3/4 (0.56)		18.5 (470)		
		1 (0.75)		19.0 (483)		
		1 1/2 (1.10)		21.0 (533)		

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**

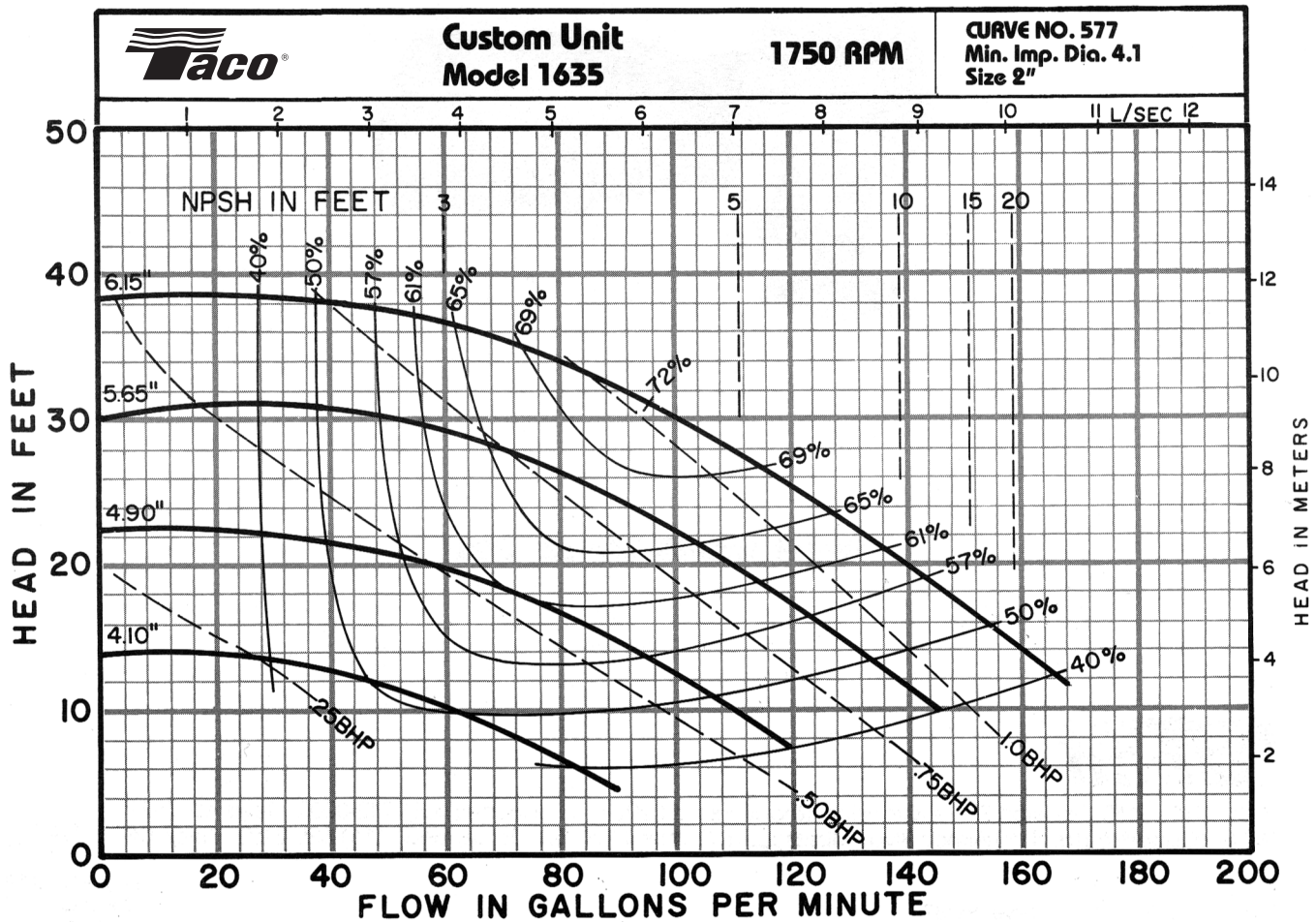
Item	Standard	Optional
Casing	Cast Iron	304 Stainless Steel
Impeller	304 Stainless Steel	N/A
Shaft	Hardened Alloy Steel	Stainless Steel 416
Shaft Sleeve	Cupro-Nickel	N/A
Bracket	Cast Iron	Cast Iron with Stainless Steel Face Plate

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 1635 CUSTOM UNIT PERFORMANCE CURVE (1750 RPM)**



Comments:

**Taco Comfort Solutions™** A Taco Group Company

Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436

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