



Submittal Data Information

1600 Series Pumps (1641 Custom Model)

301-006

EFFECTIVE: November 1, 2014

SUPERSEDES: July 1, 2011

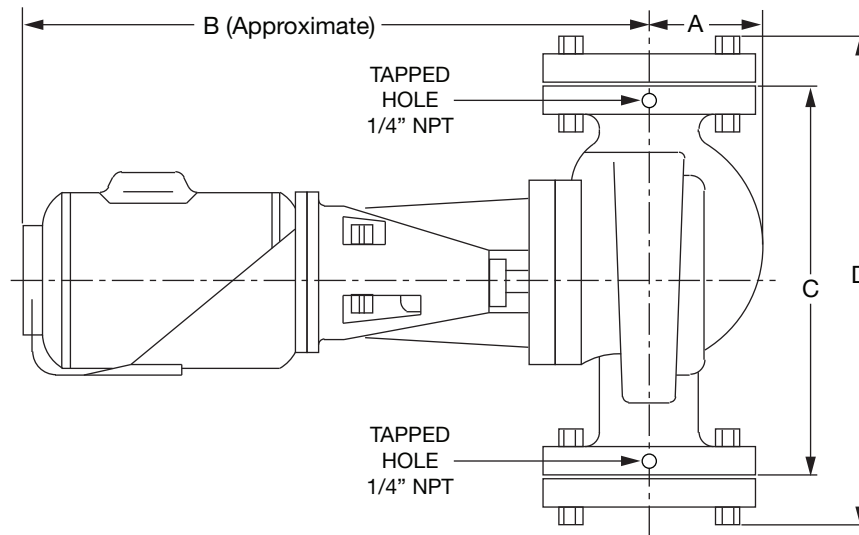
1750 RPM MODEL 1641

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
1641	2 (51)	1½ (1.10)	3⅝ (92)	21.0 (533)	16½ (419)	19½ (495)
		2 (1.50)		23.0 (584)		
		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.

MATERIALS OF CONSTRUCTION

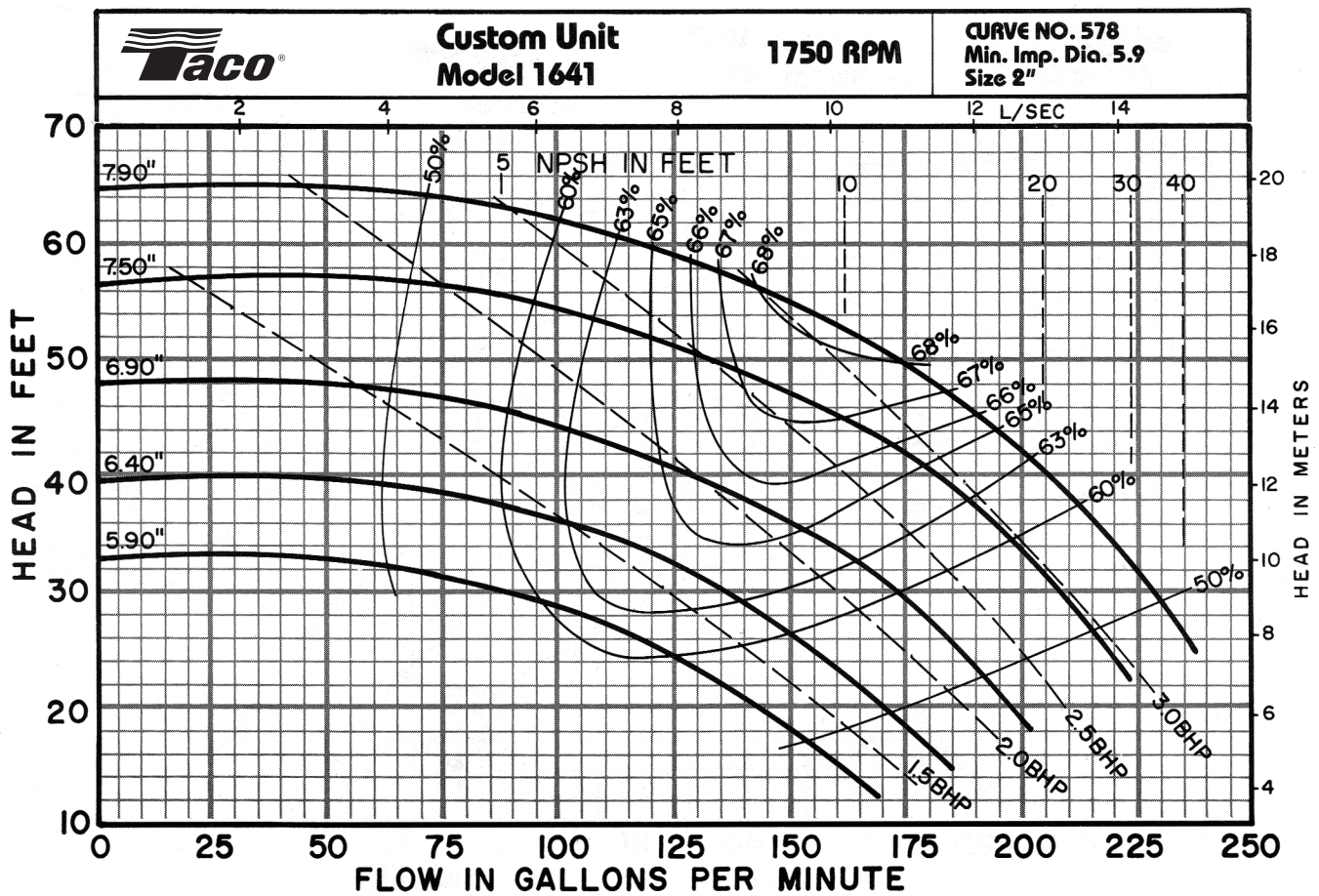
Item	Standard	Optional
Casing	Cast Iron	304 Stainless Steel
Impeller	304 Stainless Steel	N/A
Shaft	Hardened Alloy Steel	Stainless Steel 416
Shaft Sleeve	Cupro-Nickel	N/A
Bracket	Cast Iron	Cast Iron with Stainless Steel Face Plate

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 1641 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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