Submittal Data Information

TA Series Pumps (50 Hz – NEMA)

301-2012 I

EFFECTIVE: JULY 1, 2015 SUPERSEDES: JANUARY 17, 2014 1450 RPM MODEL 0624

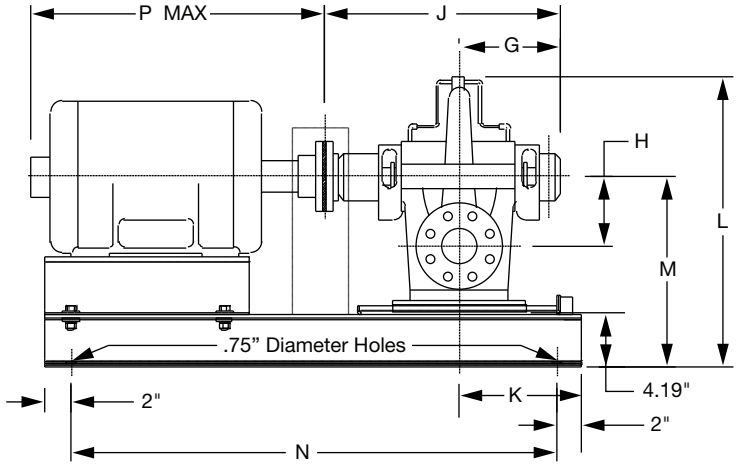
JOB _____ ENGINEER _____

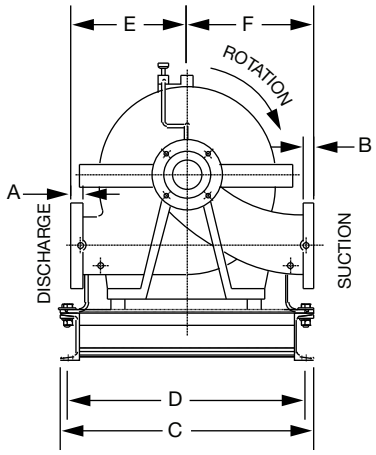
CONTRACTOR _____ REP. _____

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.

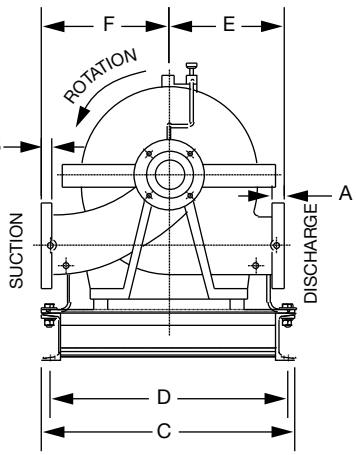
NSF 61 Certified ☐ Yes ☐ No

WEIGHT _____ PUMP/MOTOR _____





Clockwise Rotation
viewed from the Coupling End



Counterclockwise Rotation
viewed from the Coupling End

SPECIFY ROTATION:
- ❑ Clockwise
- ❑ Counterclockwise

MAXIMUM ASSEMBLY WEIGHT

NEMA Motor Frame	Weight Lbs (Kg)
143T - 145T	564 (256)
182T - 184T	620 (281)

DIMENSIONS

Motor dimensions are approximate and vary by manufacturer and motor type.

Model No. / Flange Size	HP 1450 RPM	NEMA Motor Frame	A DISCHARGE ANSI Class 125	A DISCHARGE ANSI Class 250	B SUCTION ANSI Class 125	B SUCTION ANSI Class 250	C	D	E	F	G	H	J	K	L	M	N	P
0624 3 x 2.5 (76 x 64)	1.5	145T	0.69 (18)	1.00 (25)	0.75 (19)	1.12 (28)	21.17 (538)	19.92 (506)	8.88 (226)	11.02 (280)	9.68 (246)	5.12 (130)	22.19 (564)	9.5 (241)	21.31 (541)	14.00 (356)	38.0 (965)	15.2 (386)
	2	145T																
	3	182T																18.5 (470)
	5	184T																

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).
Dimensions are subject to change without notice. Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON		NSF 61	
	Standard Pump Construction	Optional	Standard	Optional	Standard	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF	St. Steel AISI 416 ASTM A582	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A	None	Bronze ASTM B584-932 SAE660
Shaft	St. Steel AISI 416 ASTM A582	N/A	St. Steel AISI 416 ASTM A582	N/A	St. Steel AISI 416 ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	N/A	Aluminum Alloy 6061-T6	N/A	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/Carbon/ EPT	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/Carbon/ EPT	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/ Carbon/EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF	Copper	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

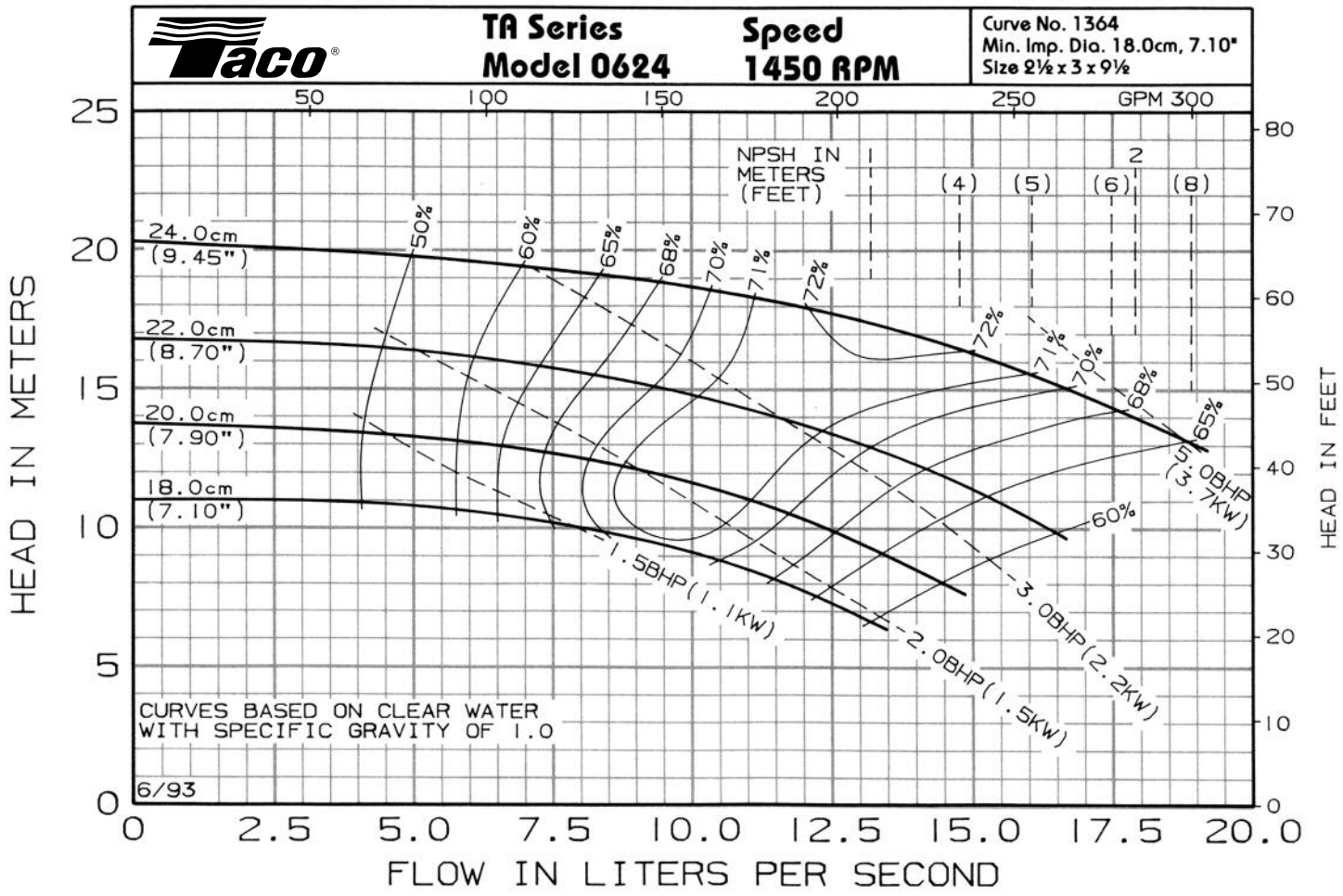
OPERATING SPECIFICATIONS

	Standard	Optional
Flange	ANSI Class 125	ANSI Class 250
Pressure	175 PSIG* (1210 KPA)	300 PSIG** (2070 KPA)
Temperature	250°F (120°C)	250°F (120°C)

Motors: All NEMA Standard (T Frame)
* In accordance with ANSI Standard B16.1 Class 125
** In accordance with ANSI Standard B16.1 Class 250 Dim.

FEATURES

	Standard	Optional
Wear Rings	Case Wear Rings	N/A
Seal Flushing	Recirculation Line	Filter & Abrasive Separators
Motors	All Standard NEMA Motors	
Base	Drip Type Base	
Additional Options	Packed Stuffing Box Two Rotation Options Balanced Mechanical Seals	



Comments _____

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