

Submittal Data Information

TA Series Pumps

301-650

EFFECTIVE: January 17, 2014

SUPERSEDES: October 1, 2010

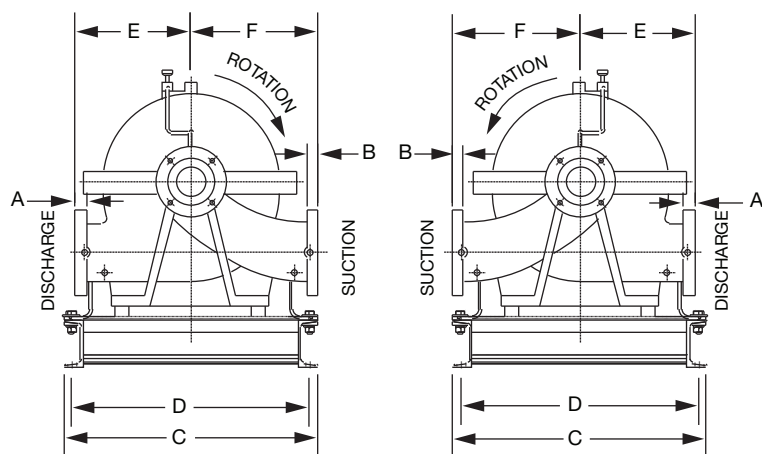
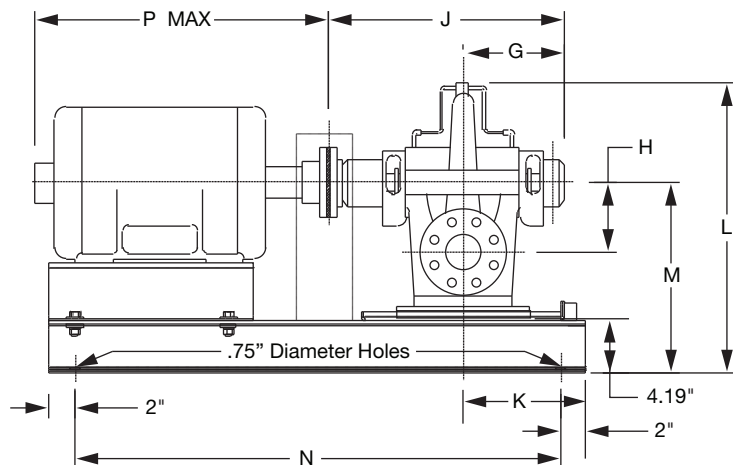
1760 RPM MODEL 1548

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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WEIGHT _____ PUMP/MOTOR _____



SPECIFY ROTATION:

- ☐ Clockwise
☐ Counterclockwise

Clockwise Rotation
viewed from the Coupling End

Counterclockwise Rotation
viewed from the Coupling End

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
404T - 405T	2837 (1287)
444T - 445T	3390 (1538)
447T - 449T	4224 (1916)

DIMENSIONS

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

Model No. Flange Size		HP 1760 RPM	Motor Frame	A DISCHARGE		B SUCTION		C	D	E	F	G	H	J	K	L	M	N	P	
				ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250													
1548 8 x 6 (203 x 152)	100	404T	1.00 (25)	1.44 (37)	1.13 (29)	1.62 (41)	27.17 (690)	25.92 (658)	17.69 (449)	20.06 (510)	14.50 (368)	10.62 (270)	34.13 (867)	13.52 (343)	43.25 (1099)	25.44 (646)	64.0 (1626)	38.3 (973)		
		405T																		
	125	444T																	80.0 (2032)	44.6 (1133)
	150	445T																		48.4 (1229)
	200	447T																		53.4 (1356)
	250	449T																		
	300	449T																		

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	Standard	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	N/A
Wear Ring	Bronze ASTM B584-836	N/A
Shaft	Carbon Steel AISI 1045	Stainless Steel AISI 420
Insert	Cast Iron ASTM A48 Class 30A	N/A
Shaft Sleeve	Bronze ASTM B584-836	Stainless Steel AISI 420

N/A - Not Available

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)

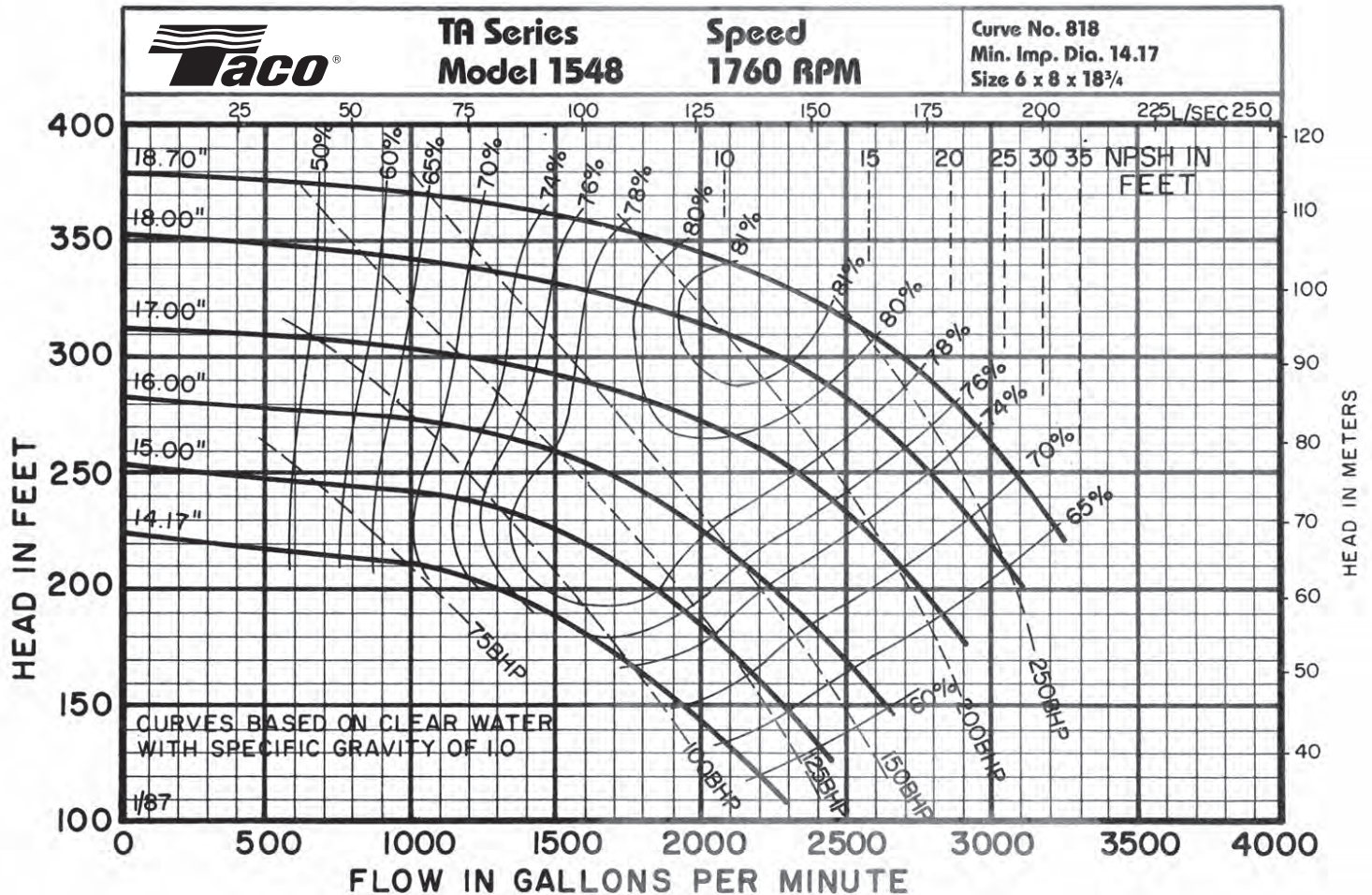
Motors: All NEMA Standard (T Frame)

* 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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