



Submittal Data Information

TA Series Pumps

301-661

EFFECTIVE: 08/01/24

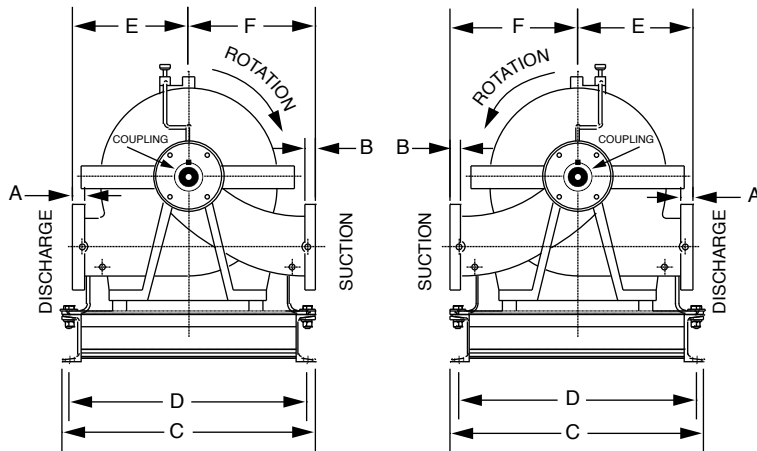
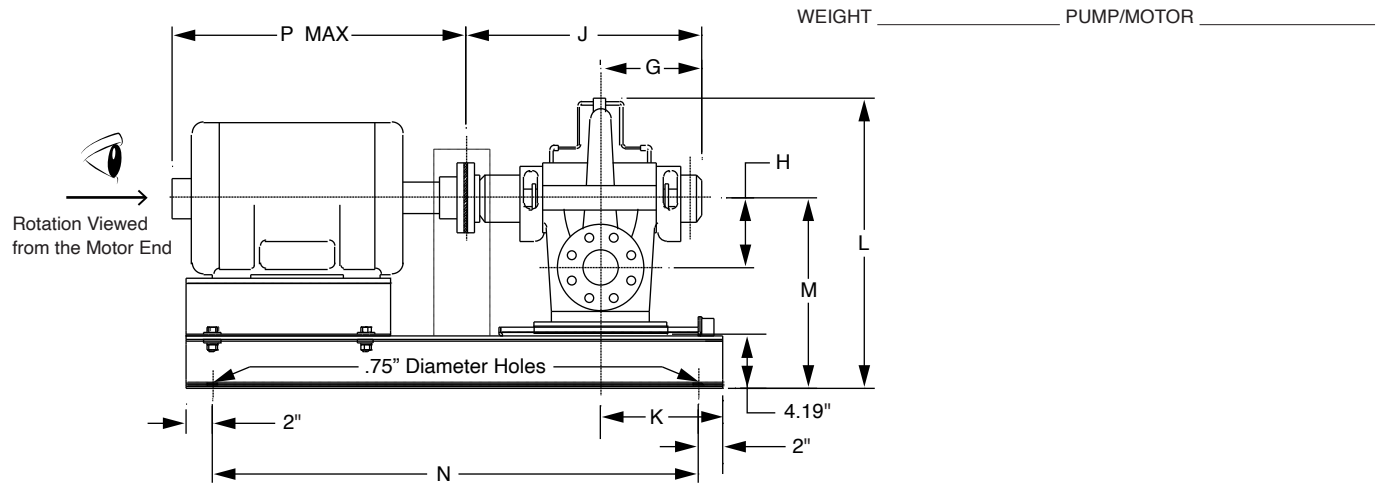
SUPERSEDES: 04/11/14

3500 RPM MODEL 0824

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

- ☐ Clockwise
☐ Counterclockwise

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
284TS - 286TS	847 (384)
324TS - 326TS	1040 (472)
364TS - 365TS	1247 (566)
404TS - 405TS	1578 (716)

DIMENSIONS

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

Model No. Flange Size	HP 3500 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												
0824 4 x 3 (102 x 76)	30	286TS	0.75 (19)	1.12 (28)	0.94 (24)	1.25 (32)	21.17 (538)	19.92 (506)	9.06 (230)	10.62 (270)	9.68 (246)	5.12 (130)	22.19 (564)	9.5 (241)	21.31 (541)	15.19 (386)	48.0 (1219)	27.8 (706)
	40	324TS																30.3 (770)
	50	326TS																33.4 (848)
	60	364TS																38.3 (973)
	75	365TS																50.0 (1270)
	100	404TS					23.17 (589)	21.92 (557)										38.3 (973)
		405TS																

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.

* Frame size reflects TEFC enclosure. ODP enclosure is typically one size smaller. Please consult Taco or motor manufacturer for specific frame size for ODP and other non-TEFC enclosures.

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)

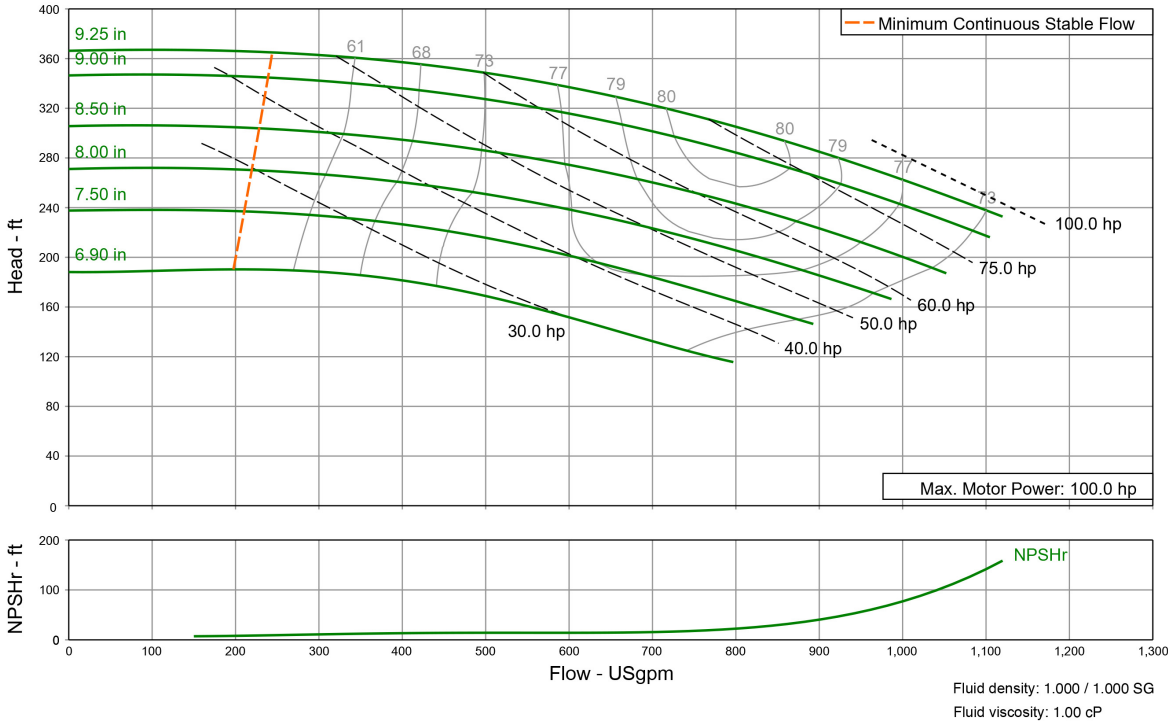
Motors: All NEMA Standard (T Frame)
* In accordance with ANSI Standard B16.1 Class 125
** In accordance with ANSI Standard B16.1 Class 250 Dim.

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	



Model 0824	3500 RPM	Curve no. 723
TA Series	August 1, 2024	Min. Imp. Dia. 6.90" Size 3 X 4 X 9.25



Comments: _____