

Submittal Data Information

TA Series Pumps

301-607

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/14

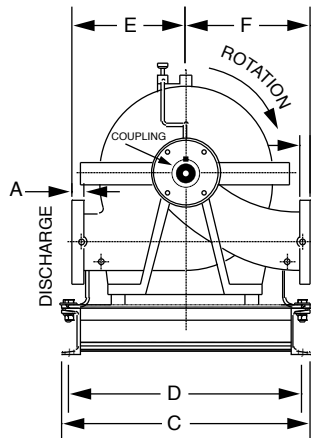
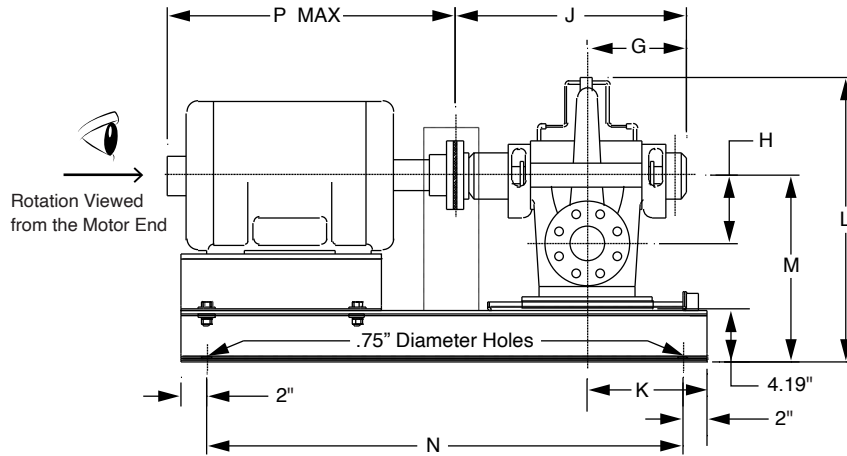
1160 RPM MODEL 0830

JOB _____ ENGINEER _____

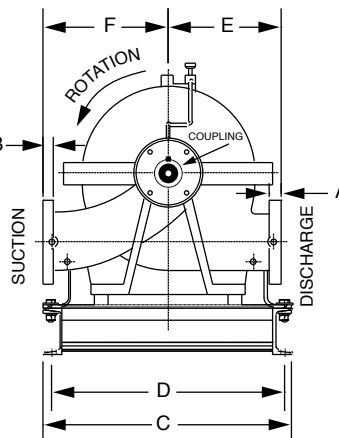
CONTRACTOR _____ REP. _____

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



Clockwise Rotation
Viewed from the Motor End
(motor not shown)



Counterclockwise Rotation
Viewed from the Motor End
(motor not shown)

SPECIFY ROTATION:

- ☐ Clockwise
☐ Counterclockwise

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	579 (263)
213T - 215T	663 (301)

DIMENSIONS

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

Model No. Flange Size	HP 1160 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												
0830 4 x 3 (102 x 76)	2	184T																18.5 (470)
	3	213T																20.5 (521)
	5	215T																
			0.75 (19)	1.12 (28)	0.94 (24)	1.25 (32)	21.17 (538)	19.92 (506)	10.81 (275)	11.44 (291)	9.68 (246)	5.88 (149)	22.19 (564)	9.5 (241)	23.31 (592)	15.19 (386)	38.0 (965)	

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	



Model 0830

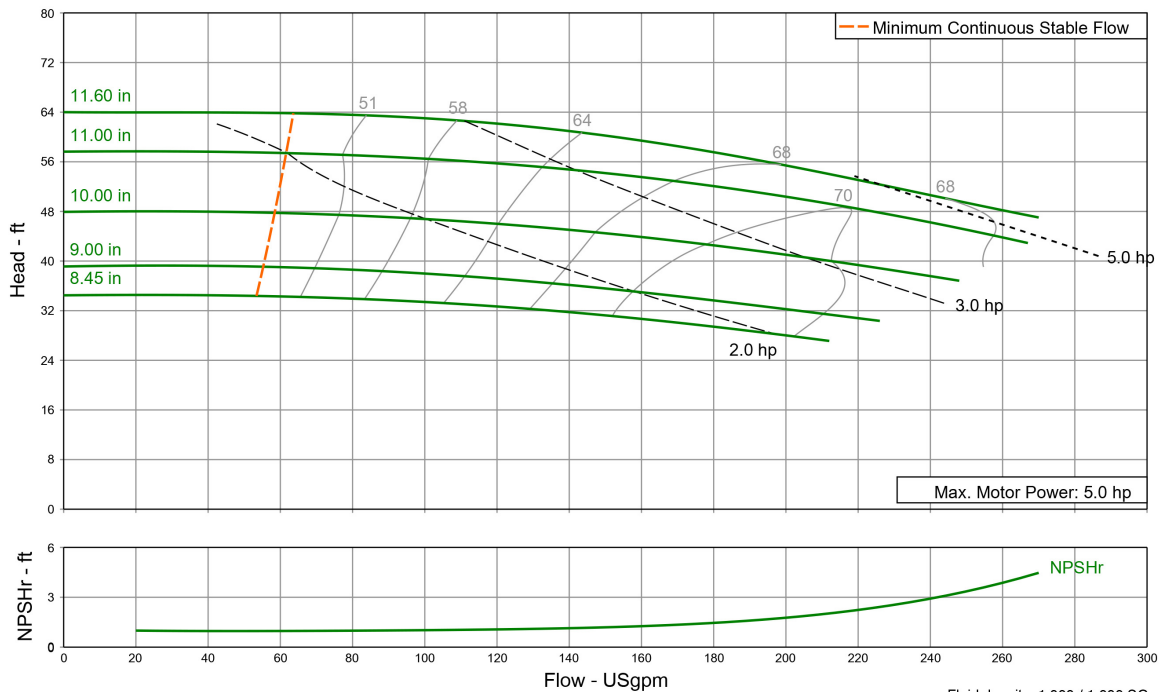
1160 RPM

Curve no. 815

TA Series

August 1, 2024

Min. Imp. Dia. 8.45"
Size 3 X 4 X 11.75



Fluid density: 1.000 / 1.000 SG
Fluid viscosity: 1.00 cP

Comments: _____