

Submittal Data Information

TA Series Pumps (50 Hz – IEC)

301-2023 I

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/24

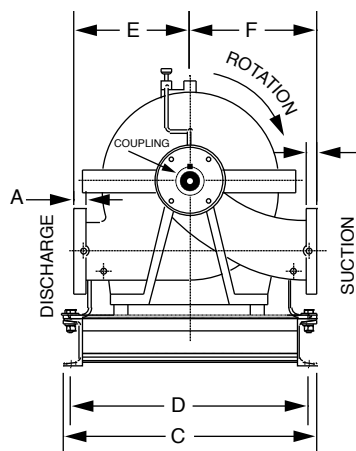
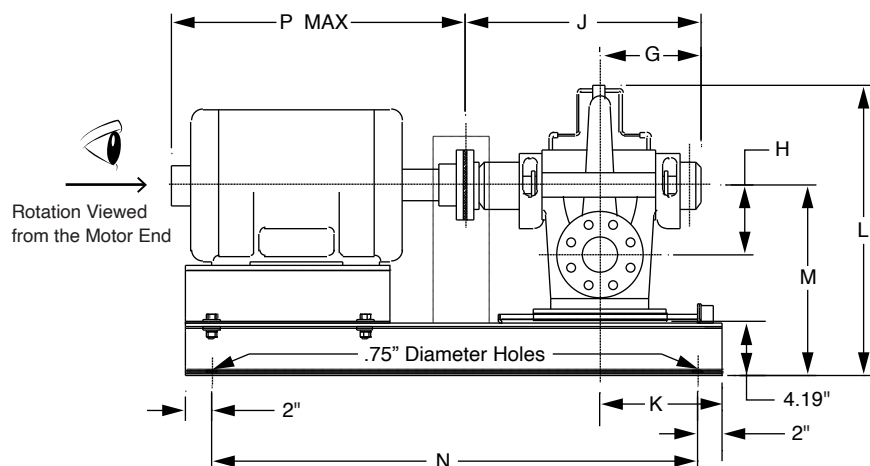
1450 RPM MODEL 0838

JOB _____ ENGINEER _____

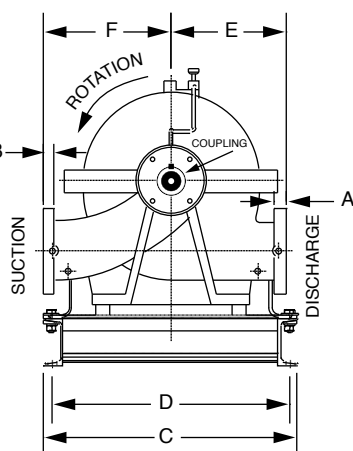
CONTRACTOR _____ REP. _____

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

IEC Motor Frame	Weight Lbs (Kg)
112M	657 (298)
132S	694 (315)
132M	721 (327)
160M	809 (367)
160L	853 (387)
180M	928 (421)
180L	959 (435)

DIMENSIONS

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

Model No. Flange Size	KW 1450 RPM	IEC 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												
0838 4 x 3 (102 x 76)	4	112M	0.75 (19)	1.12 (28)	0.94 (24)	1.25 (32)	21.17 (538)	19.92 (506)	13.75 (349)	13.38 (340)	9.68 (246)	6.88 (175)	22.19 (564)	9.5 (241)	26.87 (682)	16.81 (427)	38.0 (965)	15.7 (399)
	5.5	132S																19.8 (503)
	7.5	132M																
	11	160M															48.0 (1219)	26.0 (660)
	15	160L																
	18.5	180M																28.7 (729)
	22	180L																

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	



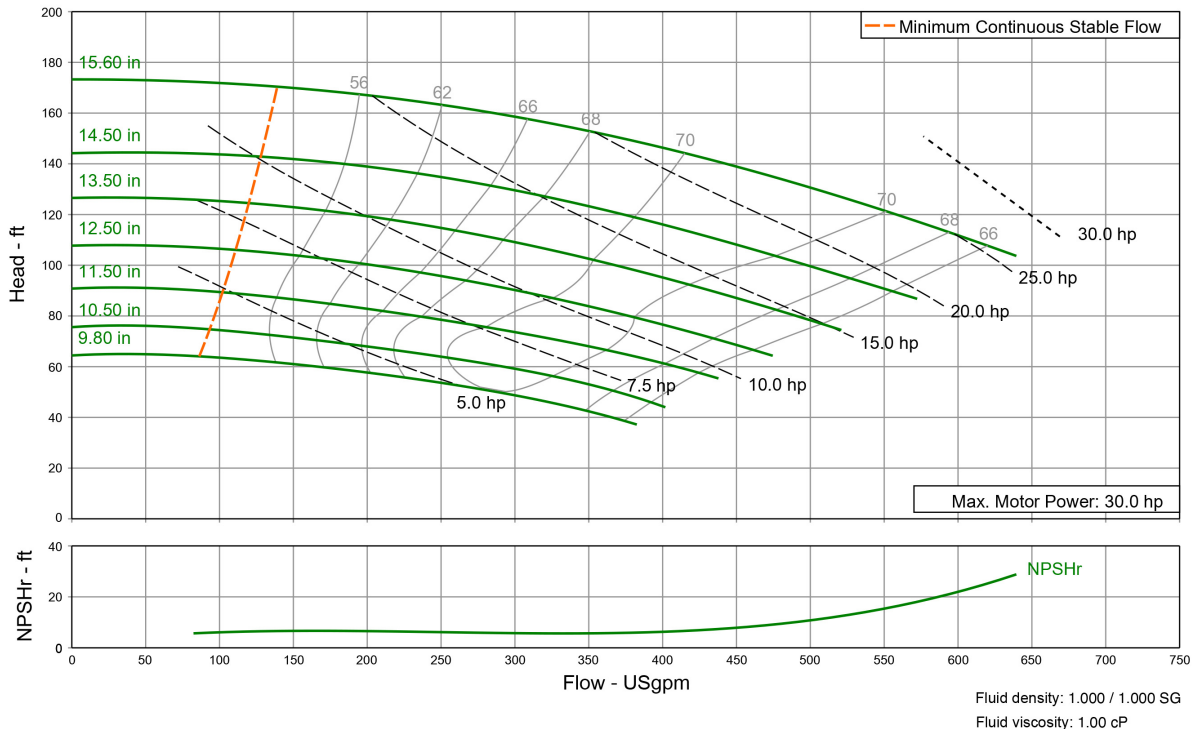
Model 0838

1450 RPM

Curve no. 1378
Min. Imp. Dia. 9.85"
Size 3 X 4 X 15.5

TA Series

August 1, 2024



Comments: _____