



Submittal Data Information

TA Series Pumps (50 Hz – IEC)

301-2045 I

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/14

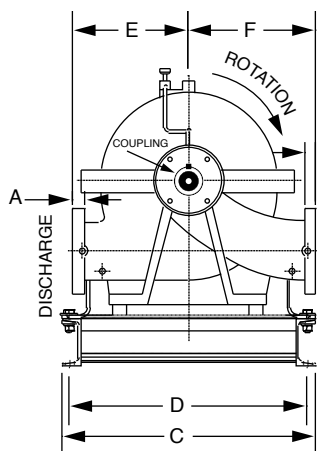
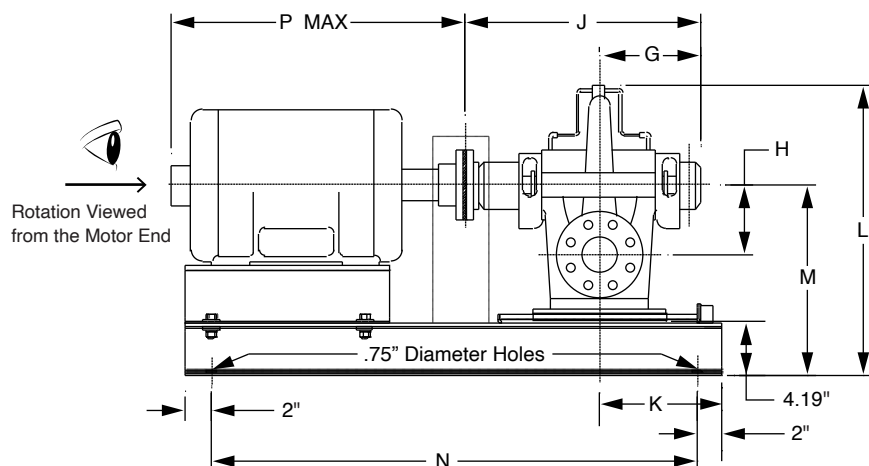
1450 RPM MODEL 1538

JOB _____ ENGINEER _____

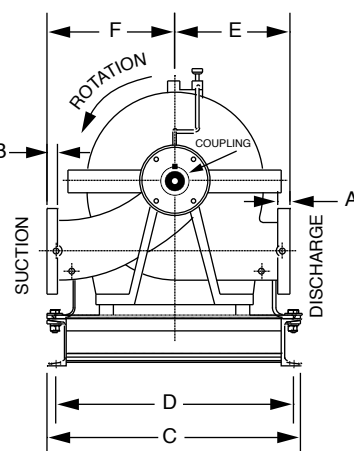
CONTRACTOR _____ REP. _____

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)
180M	1353 (614)
180L	1384 (628)
200L	1496 (679)
225S	1618 (734)
225M	1695 (769)
250M	1825 (828)

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												
1538 8 x 6 (203 x 152)	18.5	180M	1.00 (25)	1.44 (37)	1.13 (29)	1.62 (41)	23.17 (589)	21.92 (557)	13.75 (349)	16.12 (409)	11.81 (300)	8.25 (210)	27.75 (705)	11.85 (301)	33.62 (854)	21.50 (546)	57.0 (1448)	28.7 (729)
	22	180L																29.9 (759)
	30	200L																31.7 (805)
	37	225S																32.7 (831)
	45	225M																68.0 (1727)
	55	250M																35.8 (909)

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 1538

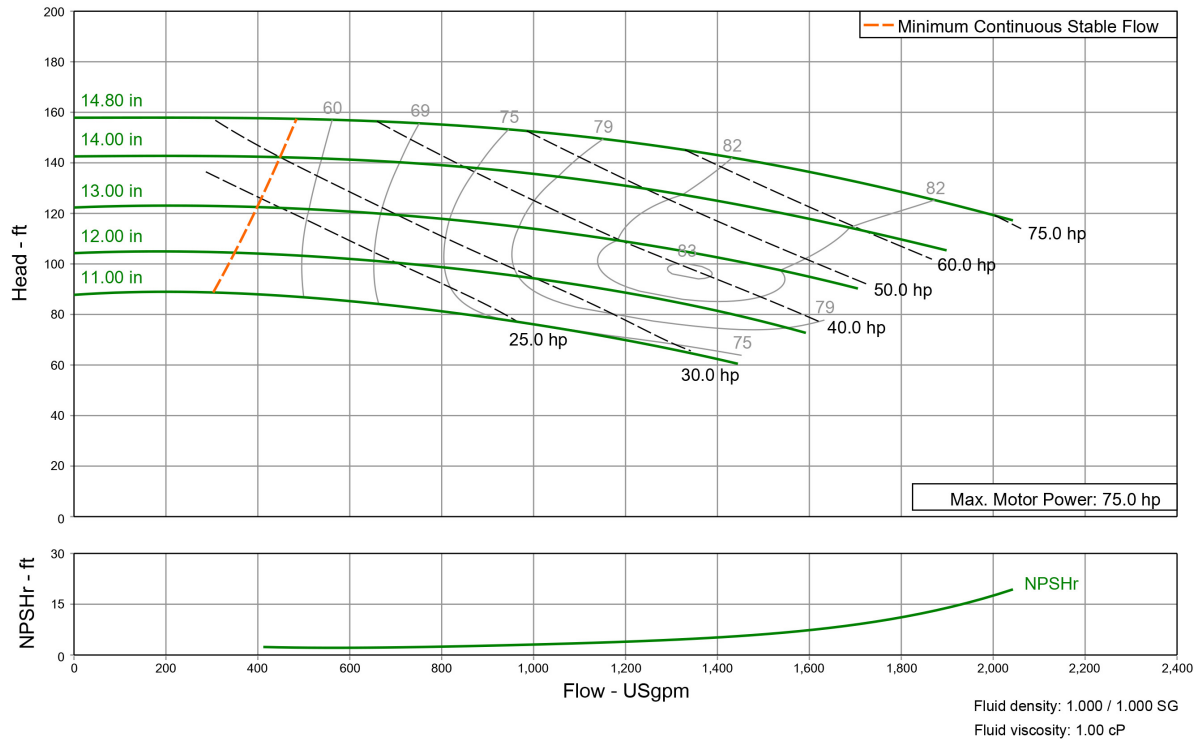
1450 RPM

Curve no. 1381

TA Series

August 1, 2024

Min. Imp. Dia. 11.00"
Size 6 X 8 X 15



Comments: _____