

Submittal Data Information

TA Series Pumps (50 Hz – IEC)

301-2059 I

EFFECTIVE: 08/01/24

SUPERSEDES: 01/17/14

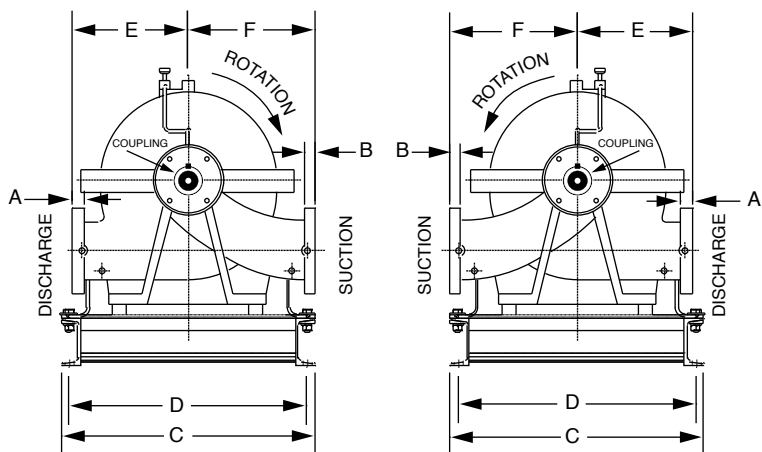
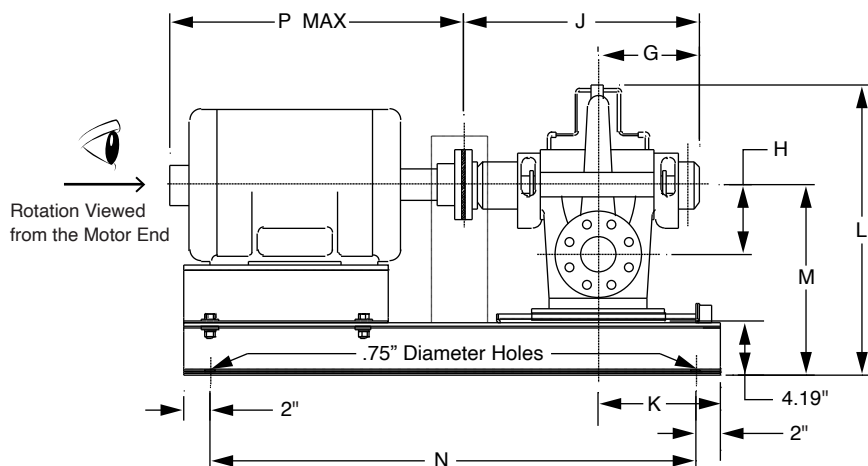
1450 RPM MODEL 2538

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

MAXIMUM ASSEMBLY WEIGHT

IEC Motor Frame	Weight Lbs (Kg)
250M	2780 (1261)
280S	3064 (1390)
280M	3263 (1480)
315S	3970 (1801)
315M	4149 (1882)

DIMENSIONS

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

Model No.			KW		IEC		A DISCHARGE		B SUCTION		C	D	E	F	G	H	J	K	L	M	N	P
Flange Size			1450 RPM		Motor Frame		ANSI Class 125		ANSI Class 250													
2538 12 x 10 (305 x 254)	55	250M	1.19 (30)	1.88 (48)	1.25 (32)	2.00 (51)	27.17 (690)	25.92 (658)	17.69 (449)	23.23 (590)	14.50 (368)	10.40 (264)	34.13 (867)	13.52 (343)	44.00 (1118)	25.44 (646)	64.0 (1626)	35.8 (909)				
	75	280S															38.7 (983)					
	90	280M															40.8 (1036)					
	110	315S															48.0 (1219)					
	132	315M															52.4 (1331)					
	160	315L																				

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	

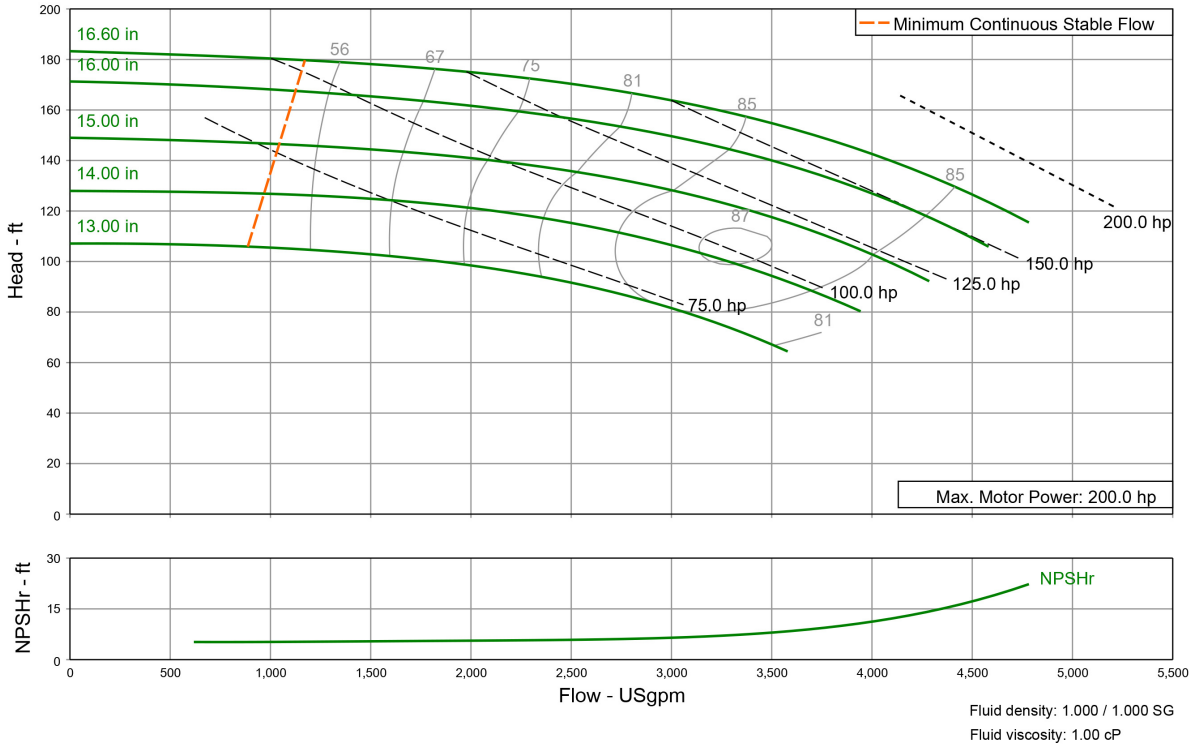


Model 2538
TA Series

1450 RPM

August 1, 2024

Curve no. 1383
Min. Imp. Dia. 13.00"
Size 10 X 12 X 16.50



Comments: