Submittal Data Information

TA Series Pumps (50 Hz – IEC)

301-2031 I

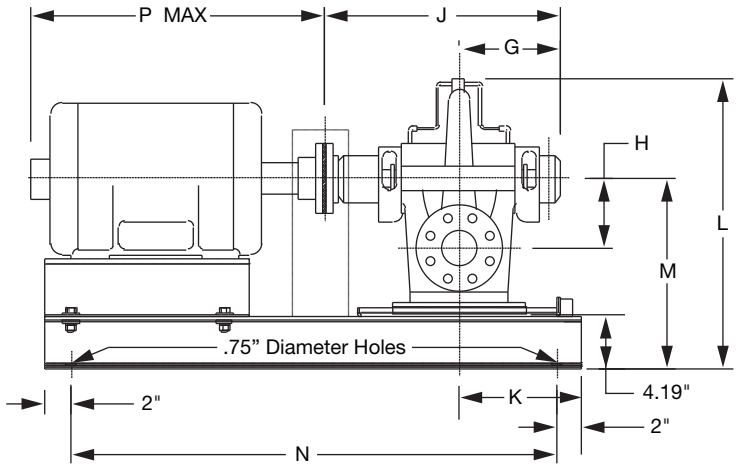
EFFECTIVE: January 17, 2014 SUPERSEDES: September 1, 2010 1450 RPM MODEL 1038

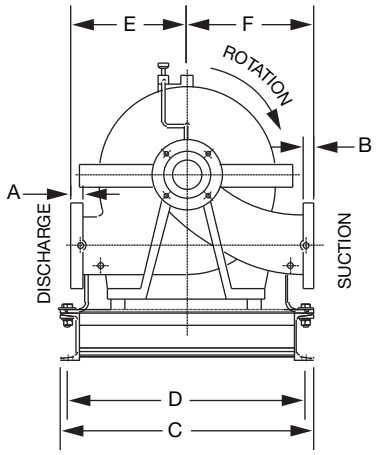
JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

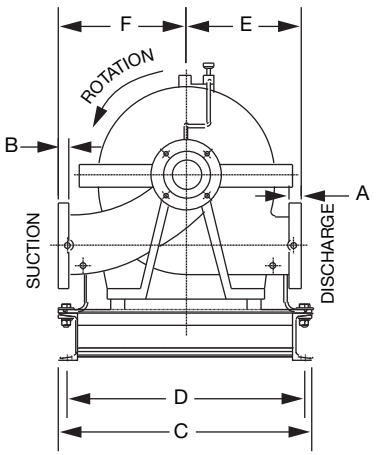
ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.

WEIGHT _____ PUMP/MOTOR _____





Clockwise Rotation
viewed from the Coupling End



Counterclockwise Rotation
viewed from the Coupling End

SPECIFY ROTATION:

- ❑ Clockwise
- ❑ Counterclockwise

MAXIMUM ASSEMBLY WEIGHT

IEC Motor Frame	Weight Lbs (Kg)
132M	946 (429)
160M	1034 (469)
160L	1078 (489)
180M	1153 (523)
180L	1184 (537)
200L	1296 (588)

DIMENSIONS

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

Model No. / Flange Size	KW 1450 RPM	IEC Motor Frame	A DISCHARGE ANSI Class 125	A DISCHARGE ANSI Class 250	B SUCTION ANSI Class 125	B SUCTION ANSI Class 250	C	D	E	F	G	H	J	K	L	M	N	P
1038 5 x 4 (127 x 102)	7.5	132M	0.94 (24)	1.25 (32)	0.94 (24)	1.38 (35)	21.17 (538)	19.92 (506)	13.75 (349)	13.38 (340)	11.81 (300)	7.50 (191)	27.75 (705)	9.5 (241)	28.50 (724)	17.57 (446)	40.0 (1016)	19.8 (503)
	11	160M															50.0 (1270)	26.0 (660)
	15	160L																
	18.5	180M																28.7 (1118)
	22	180L																
	30	200L																29.9 (759)

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

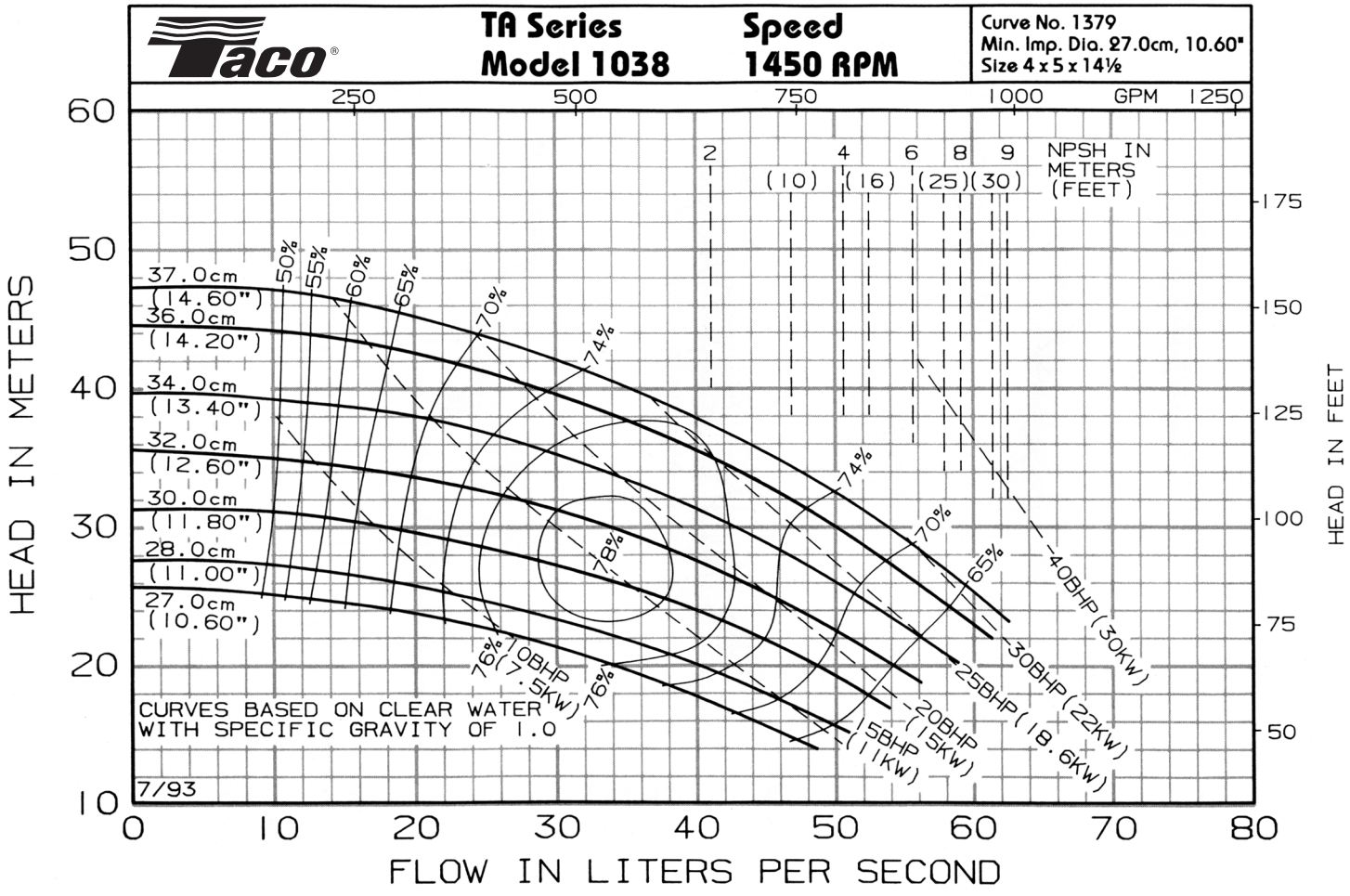
OPERATING SPECIFICATIONS

	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	



Comments: _____

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