Submittal Data Information

GT Series Pumps (50 Hz – NEMA)

301-1754 I

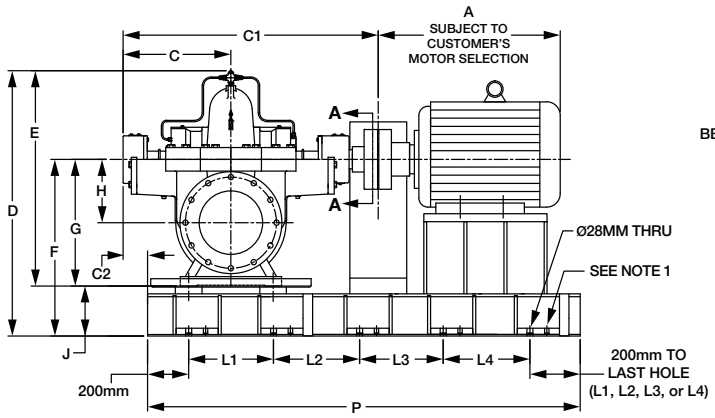
EFFECTIVE: September 12, 2017 SUPERSEDES: November 1, 2011 1450 RPM MODEL 30037

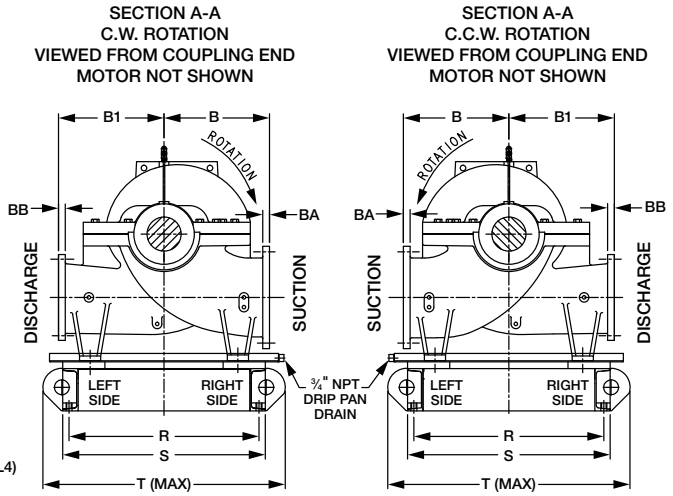
JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____





MOTOR HP & FRAME COMBINATIONS

Model No. Flange Size	HP 1450 RPM	MOTOR FRAME - ODP 380/415 VOLT *	MOTOR FRAME - ODP 3300 VOLT	MOTOR FRAME - TEFC 380/415 VOLT *	MOTOR FRAME - TEFC 3300 VOLT
30037	100	404T	N/A	405T	N/A
	125	405T	N/A	444T	N/A
12 x 10	150	444T	N/A	445T	N/A
(305 x 254)	200	445T	N/A	445T	N/A

For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at time of order entry.

Submittal dimensions for motor frames above 449 NEMA are specific to Baldor Electric Motors only.

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.

*** Standard motors are all 380/415V, 50 Hz, 3 Phase.**

NOTE 1: Smaller holes are for alignment. Dimensions not supplied.

MOTOR & FRAME DIMENSIONS

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

Model No. Flange Size	NEMA Motor Frame	A** (Maximum Value)	J	L1	L2	L3	L4	P	R	S	T
30037	404T	38.54 (979)	8.07	22.44 (570)	22.44 (570)	22.44 (570)	N/A	83.07 (2110)	37.01	39.37	46.46
	405T										
12 x 10	444T	44.88 (1140)	(205)	24.54 (623)	24.54 (623)	24.54 (623)		89.37 (2270)	(940)	(1000)	(1180)
(305 x 254)	445T										

PUMP DIMENSIONS

Model No. Flange Size	NEMA Motor Frame	B ANSI Class 125	B ANSI Class 250	B1 ANSI Class 125	B1 ANSI Class 250	BA ANSI Class 125	BA ANSI Class 250	BB ANSI Class 125	BB ANSI Class 250	C	C1	C2	D	E	F	G	H
30037	404T	19.69	20.43	19.69	20.31	1.25	2.00	1.19	1.88	20.12	47.60	1.10	48.23	40.16	31.69	23.62	11.81
	405T																
12 x 10	444T	(500)	(519)	(500)	(516)	(32)	(51)	(30)	(48)	(511)	(1209)	(28)	(1225)	(1020)	(805)	(600)	(300)
(305 x 254)	445T																

MATERIALS OF CONSTRUCTION

Item	Bronze Fitted		All Iron	
	Standard	Optional	Standard	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	Stainless Steel AISI 304	Stainless Steel AISI 304	Stainless Steel AISI 304
Wear Ring	Bronze ASTM B584-836	N/A	Stainless Steel AISI 420	N/A
Shaft	Carbon Steel AISI 1045	Stainless Steel AISI 420	Carbon Steel AISI 1045	Stainless Steel AISI 420
Shaft Sleeve	Bronze ASTM B584-836	Stainless Steel AISI 420	Stainless Steel AISI 420	N/A
Mechanical Seal	Carbon/ Silicon Carbide Viton	N/A	Carbon/ Silicon Carbide Viton	N/A
Seal Flush Line	Copper	CF	Copper	N/A

CF - Consult Factory N/A - Not Available

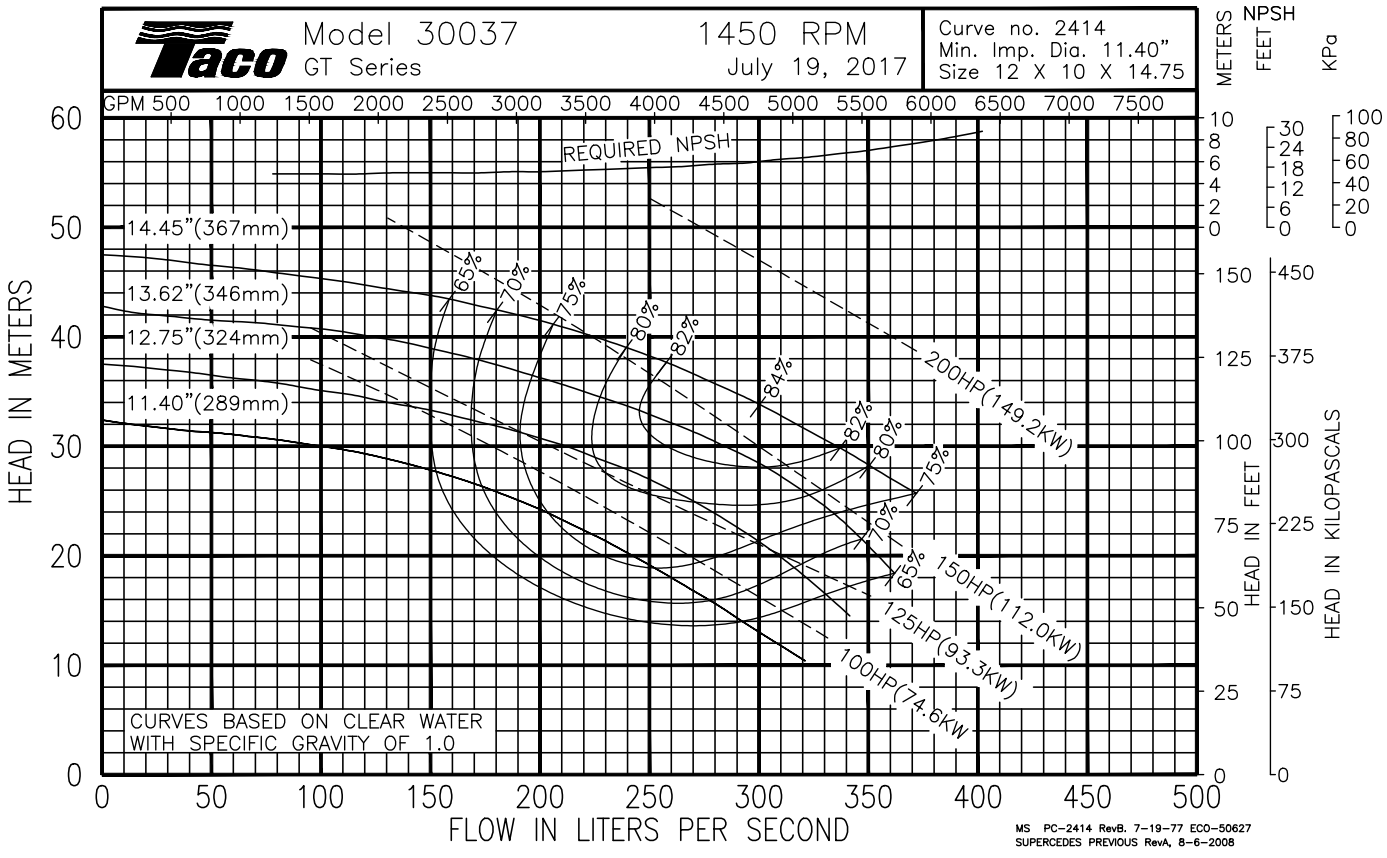
OPERATING SPECIFICATIONS

	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)

* In accordance with ANSI Standard B16.1 Class 125
** In accordance with ANSI Standard B16.1 Class 250

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
404T - 405T	4698 (2131)
444T - 445T	5605 (2542)



Comments: _____

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