Submittal Data Information

GT Series Pumps (50 Hz – NEMA)

301-1757 I

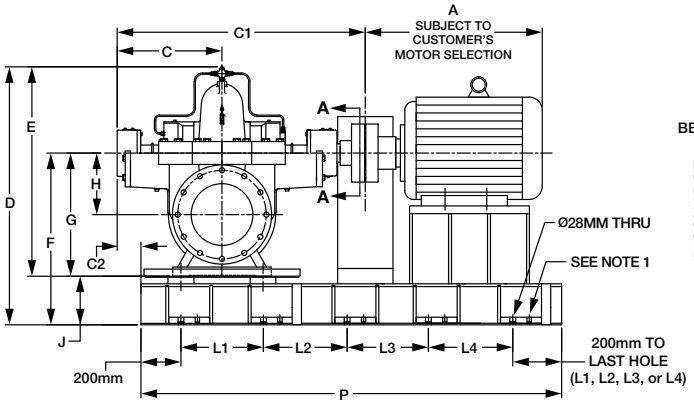
EFFECTIVE: September 12, 2017 SUPERSEDES: November 1, 2011 1450 RPM MODEL 30066

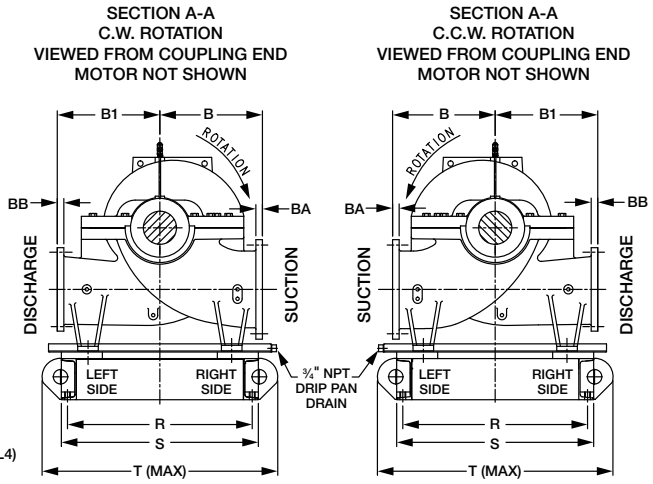
JOB _____ ENGINEER _____

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		MOTOR FRAME - TEFC	
		380/415 VOLT *	3300 VOLT	380/415 VOLT *	3300 VOLT
30066	150	444T	N/A	445T	N/A
	200	445T	N/A	445T	N/A
12 x 10 (305 x 254)	250	445T	N/A	447T	N/A
	300	445T	N/A	449T	G5008
	350	447T	E5008	449T	G5008

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
30066	444T	44.88 (1140)	9.33 (237)	25.85 (657)	25.85 (657)	25.85 (657)	N/A	93.31 (2370)	37.40 (950)	39.61 (1006)	46.46 (1180)
	445T										
	447T	48.66 (1236)		26.77 (680)	26.77 (680)	26.77 (680)		96.06 (2440)			
12 x 10 (305 x 254)	449T	53.66 (1363)		28.61 (727)	28.61 (727)	28.61 (727)		101.57 (2580)			
	E5008	49.02 (1245)		28.08 (713)	28.08 (713)	28.08 (713)		100.00 (2540)			
	G5008	60.39 (1534)		30.97 (787)	30.97 (787)	30.97 (787)		108.66 (2760)			

PUMP DIMENSIONS

Model No. / Flange Size	NEMA Motor Frame	B		B1		BA		BB		C	C1	C2	D	E	F	G	H
		ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250								
30066	444T	21.65 (550)	22.40 (569)	21.65 (550)	22.28 (566)	1.25 (32)	2.00 (51	1.19 (30)	1.88 (48)	21.89 (556)	51.65 (1312)	0.94 (24)	54.69 (1389)	45.35 (1152)	35.71 (907)	26.38 (670)	11.81 (300)
	445T																
	447T																
12 x 10 (305 x 254)	449T																
	E5008																
	G5008																

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

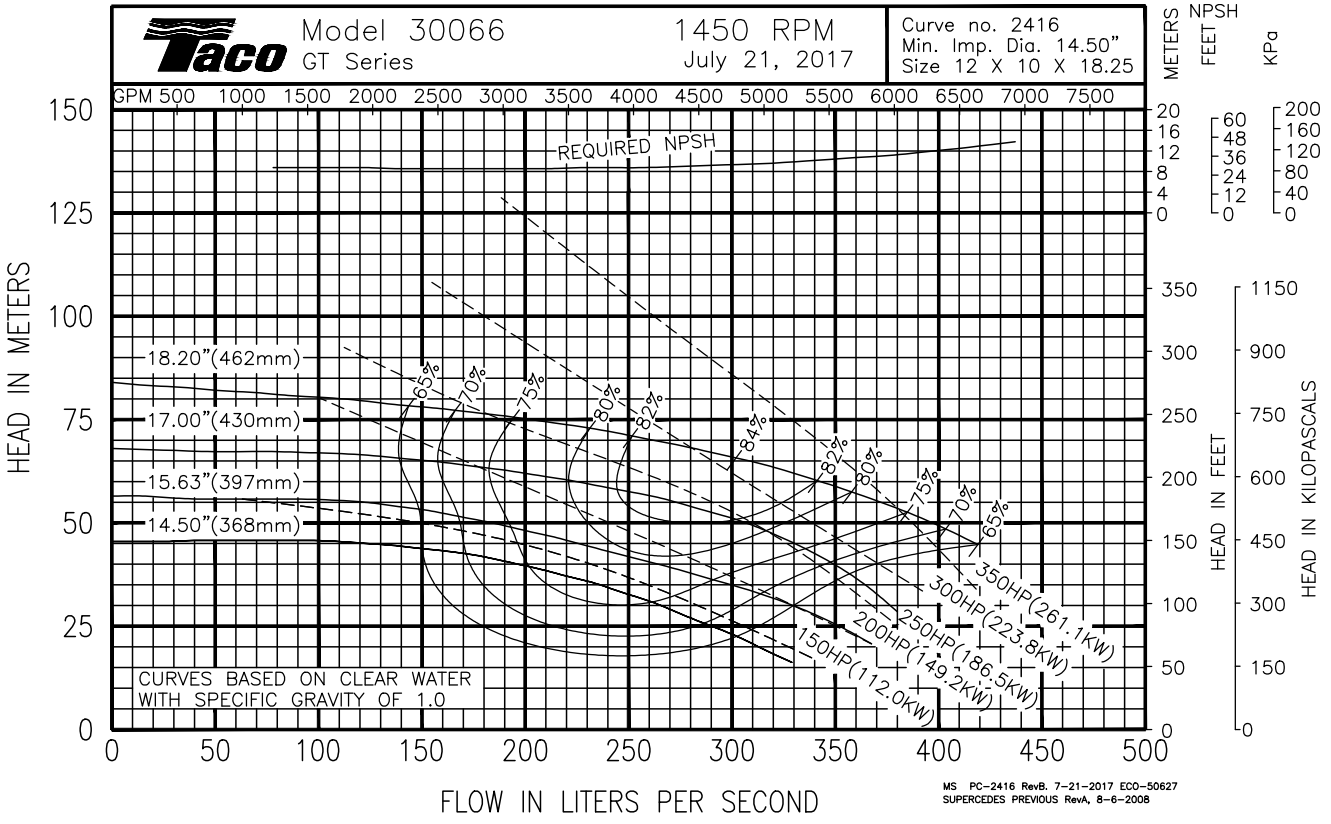
OPERATING SPECIFICATIONS

	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)
444T - 445T	6548 (2970)
447T - 449T	7468 (3387)
E5008	8058 (3655)
G5008	9558 (4335)



Comments: _____

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