



Submittal Data Information

FI Series Pumps

301-1400

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

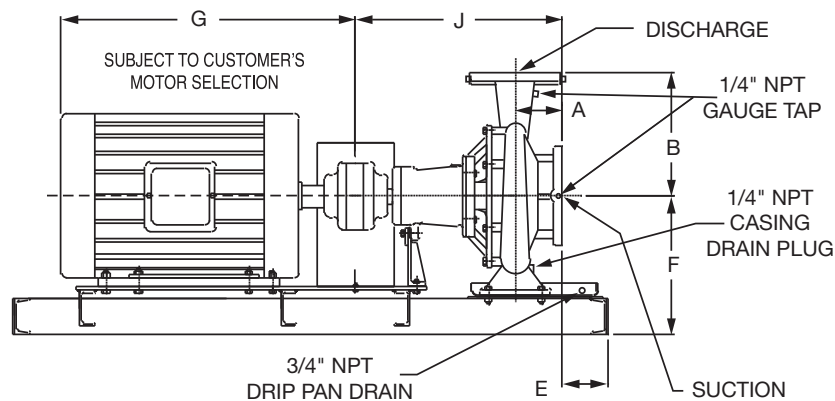
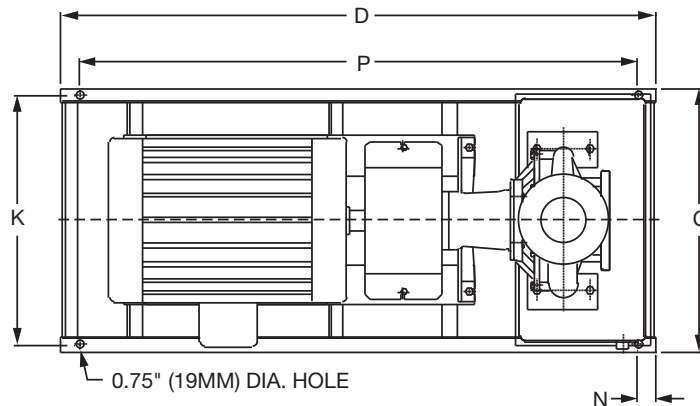
1760 RPM MODEL 1206

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 RPM	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1206 2 x 1 1/4 (51 x 32)	56	0.5	3.75 (95)	4.00 (102)	6.25 (159)	6.50 (165)	14.17 (360)	30.0 (762)	0.75 (19)	0.49 (12)	9.51 (242)	11.94 (303)	16.98 (431)	17.23 (438)	12.67 (322)	2.00 (51)	26.0 (660)
		0.75					14.17 (360)	30.0 (762)	0.75 (19)	0.49 (12)		11.94 (303)			12.67 (322)		26.0 (660)
	143T	1					14.17 (360)	30.0 (762)	0.75 (19)	0.49 (12)		11.94 (303)			12.67 (322)		26.0 (660)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

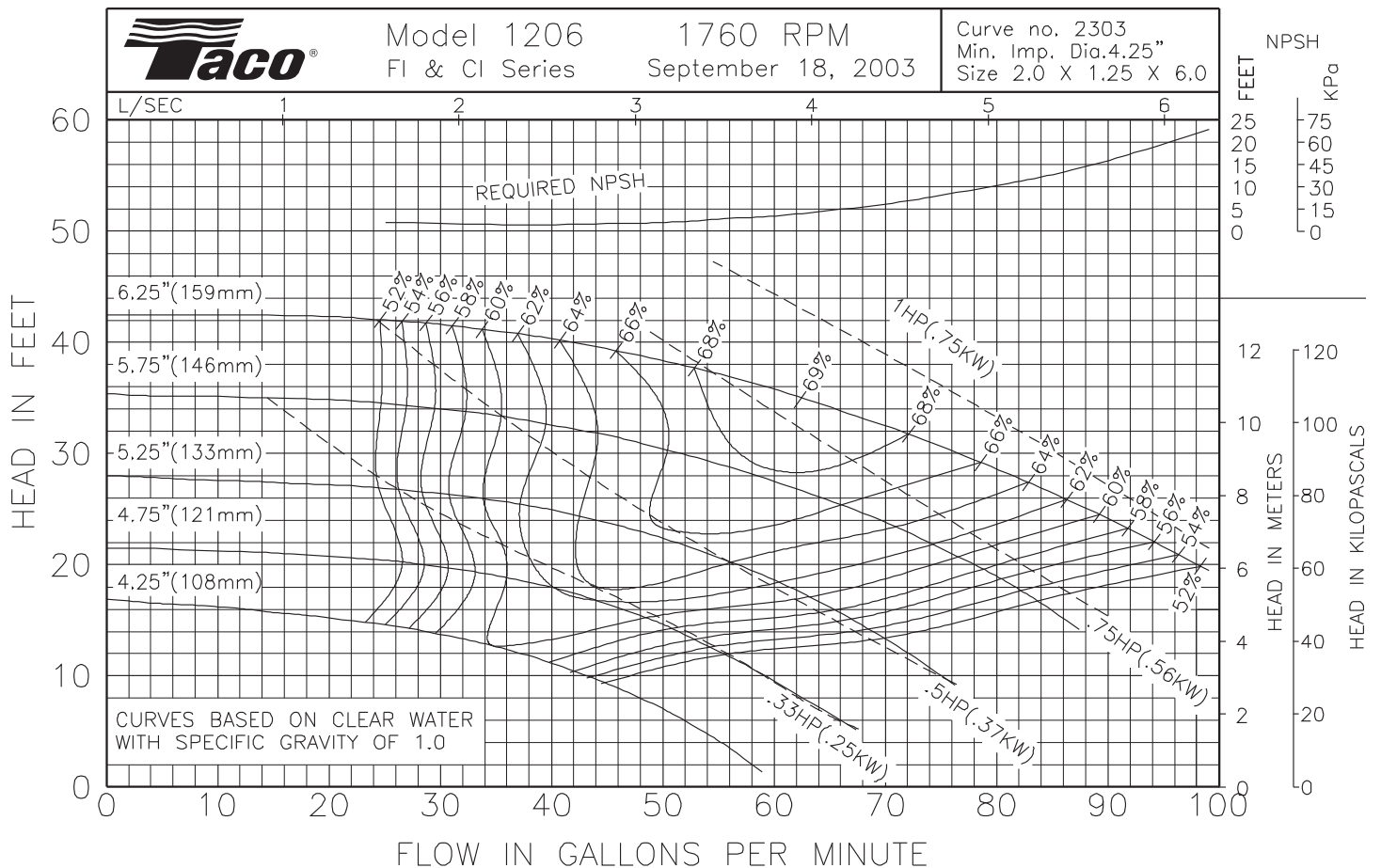
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
56	196 (89)
143T - 145T	216 (98)



Comments:

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Submittal Data Information

FI Series Pumps

301-1407

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

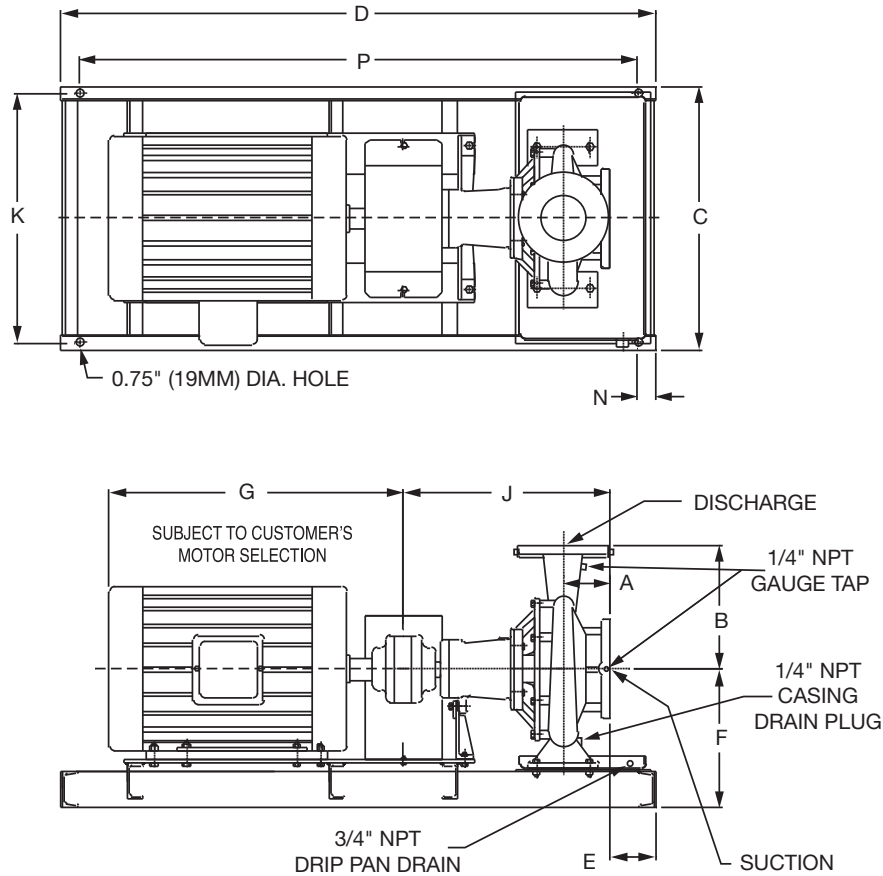
1760 RPM MODEL 1207

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1207 2 x 1 1/4 (51 x 32)	143T	1	3.75 (95)	4.01 (102)	7.25 (184)	7.50 (191)	14.17 (360)	32.0 (813)	0.89 (22)	0.63 (16)	10.61 (269)	11.94 (303)	17.10 (434)	17.36 (441)	12.67 (322)	2.00 (51)	28.0 (711)
	145T	1.5					14.17 (360)	32.0 (813)	0.89 (22)	0.63 (16)		13.00 (330)			12.67 (322)		28.0 (711)
	182T	3					14.17 (360)	32.0 (813)	0.89 (22)	0.63 (16)		13.00 (330)			12.67 (322)		28.0 (711)
							14.17 (360)	32.0 (813)	0.89 (22)	0.63 (16)		15.38 (391)			12.67 (322)		28.0 (711)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

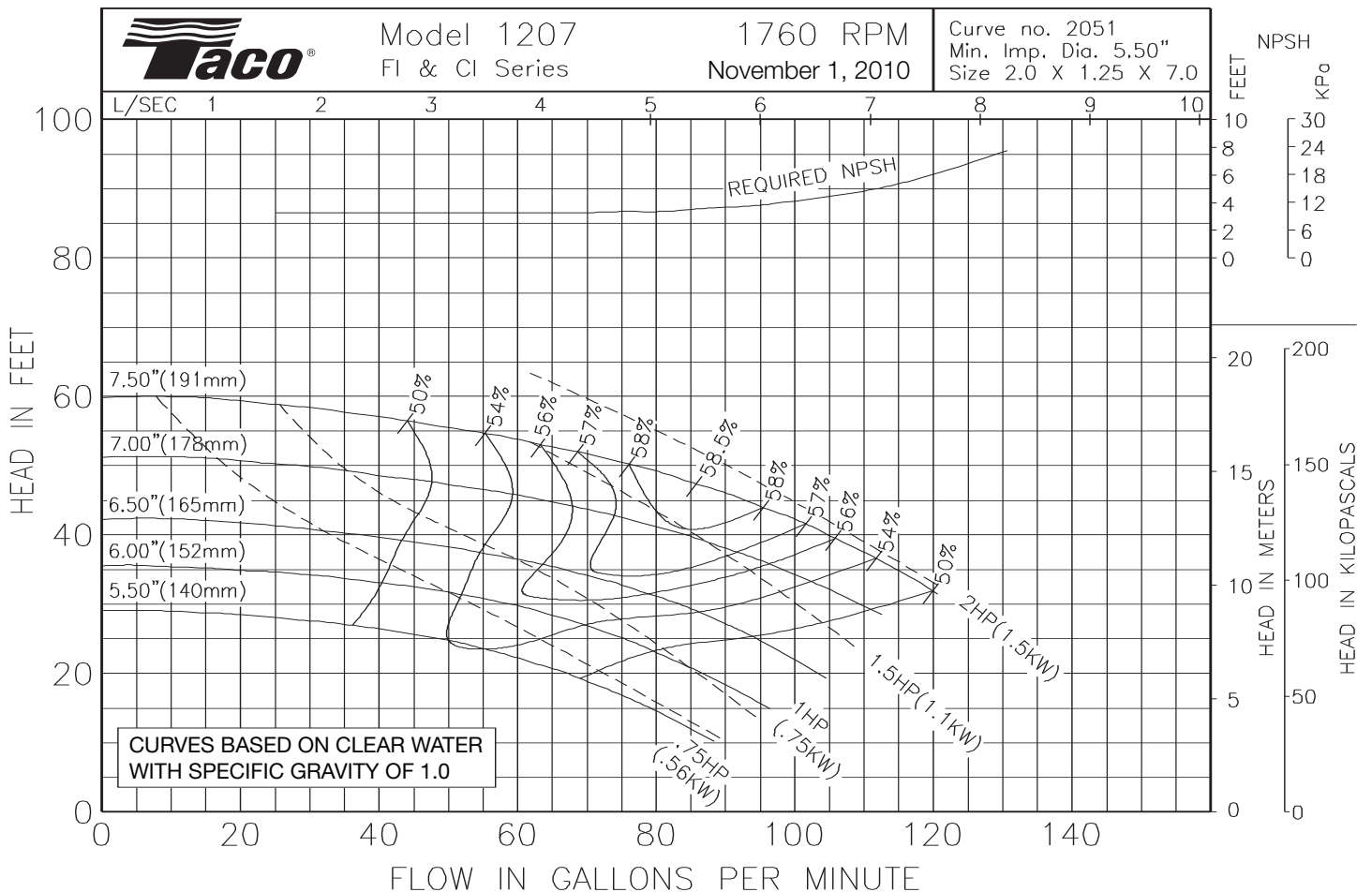
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	250 (113)
182T - 184T	280 (127)



Comments:

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Submittal Data Information

FI Series Pumps

301-1402

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

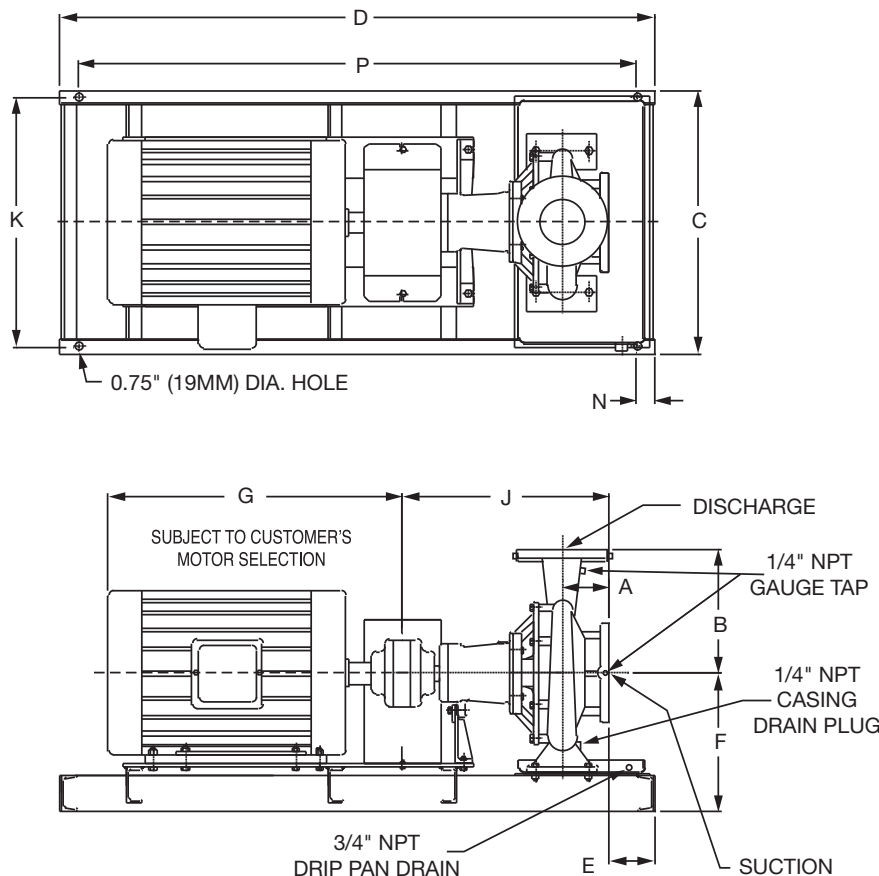
1760 RPM MODEL 1506

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1506 2½ x 1½ (64 x 38)	56	0.5	3.75 (95)	4.06 (103)	7.25 (184)	7.50 (191)	14.17 (360)	30.0 (762)	0.75 (19)	0.44 (11)	9.51 (242)	11.94 (303)	17.02 (432)	17.33 (440)	12.67 (322)	2.00 (51)	26.0 (660)
		0.75					14.17 (360)	30.0 (762)	0.75 (19)	0.44 (11)		11.94 (303)			12.67 (322)		26.0 (660)
	143T	1					14.17 (360)	30.0 (762)	0.75 (19)	0.44 (11)		11.94 (303)			12.67 (322)		26.0 (660)
	145T	1.5					14.17 (360)	30.0 (762)	0.75 (19)	0.44 (11)		13.00 (330)			12.67 (322)		26.0 (660)

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Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

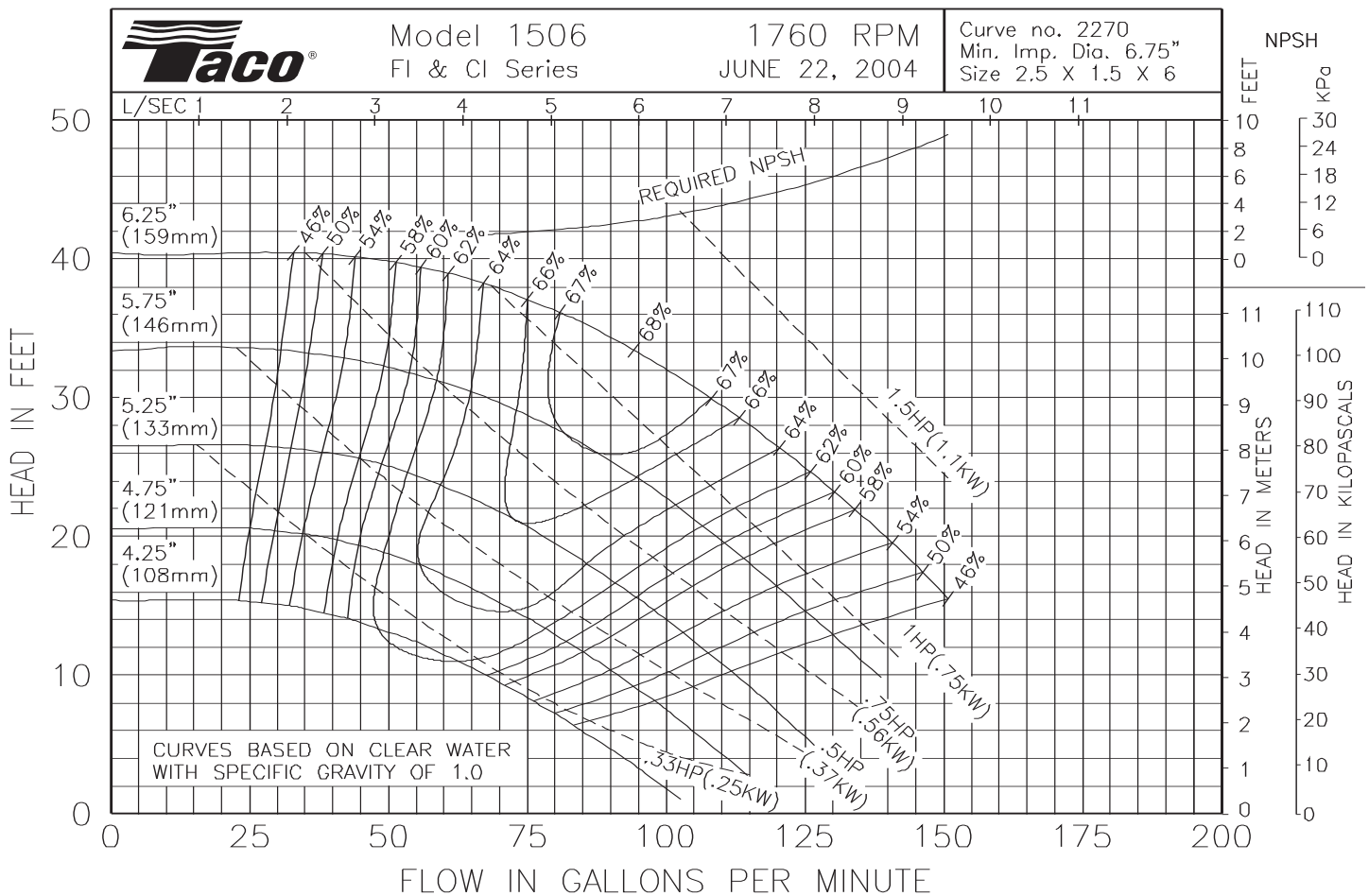
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
56	201 (91)
143T - 145T	227 (103)



Comments:

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Submittal Data Information

FI Series Pumps

301-1410

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

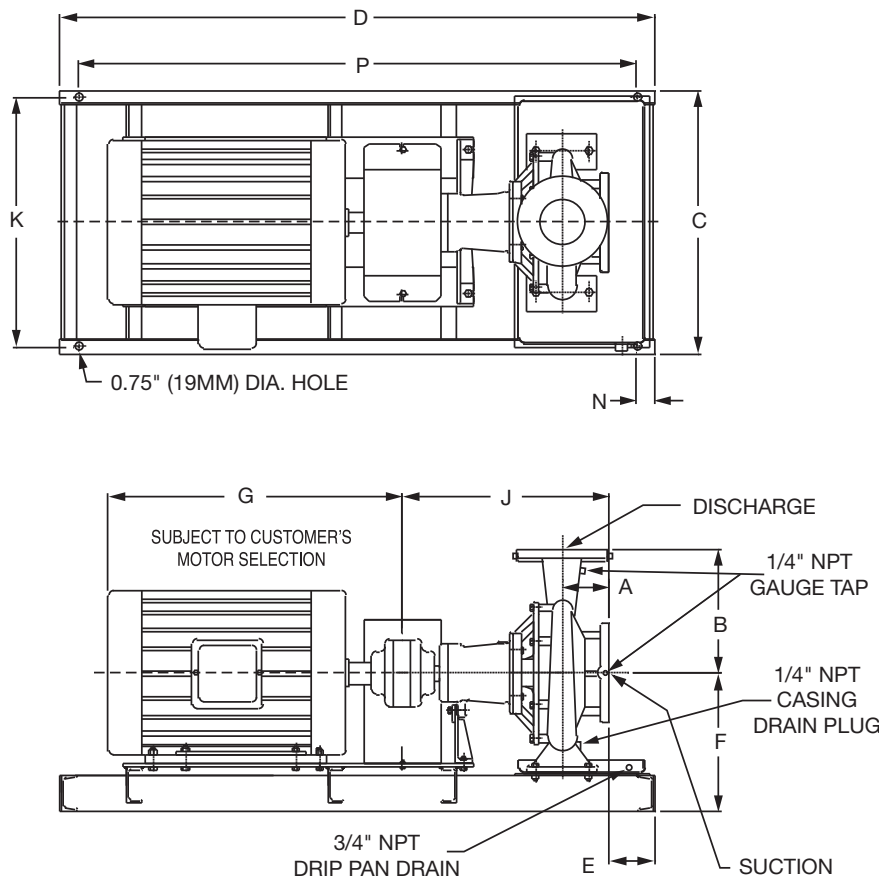
1760 RPM MODEL 1507

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1507 2½ x 1½ (64 x 38)	143T	1	3.75 (95)	4.06 (103)	6.75 (171)	7.00 (178)	14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)	10.61 (269)	11.94 (303)	17.15 (436)	17.46 (443)	12.67 (322)	2.00 (51)	28.0 (711)
	145T	1.5					14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)		13.00 (330)			12.67 (322)		28.0 (711)
	182T	2					14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)		13.00 (330)			12.67 (322)		28.0 (711)
		3					14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)		15.38 (391)			12.67 (322)		28.0 (711)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

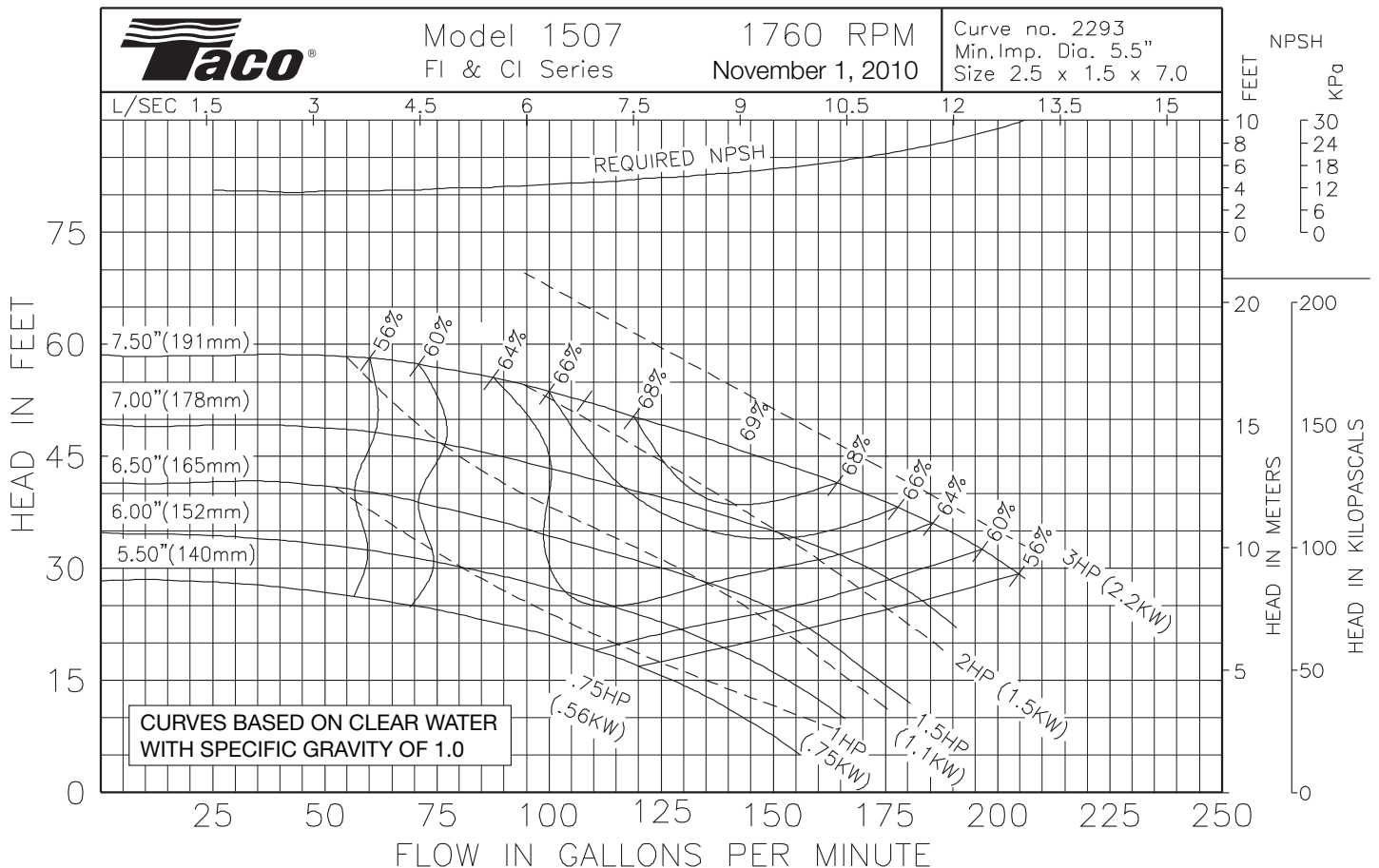
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	268 (122)
182T - 184T	298 (135)



Comments:

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Submittal Data Information

FI Series Pumps

301-1422

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

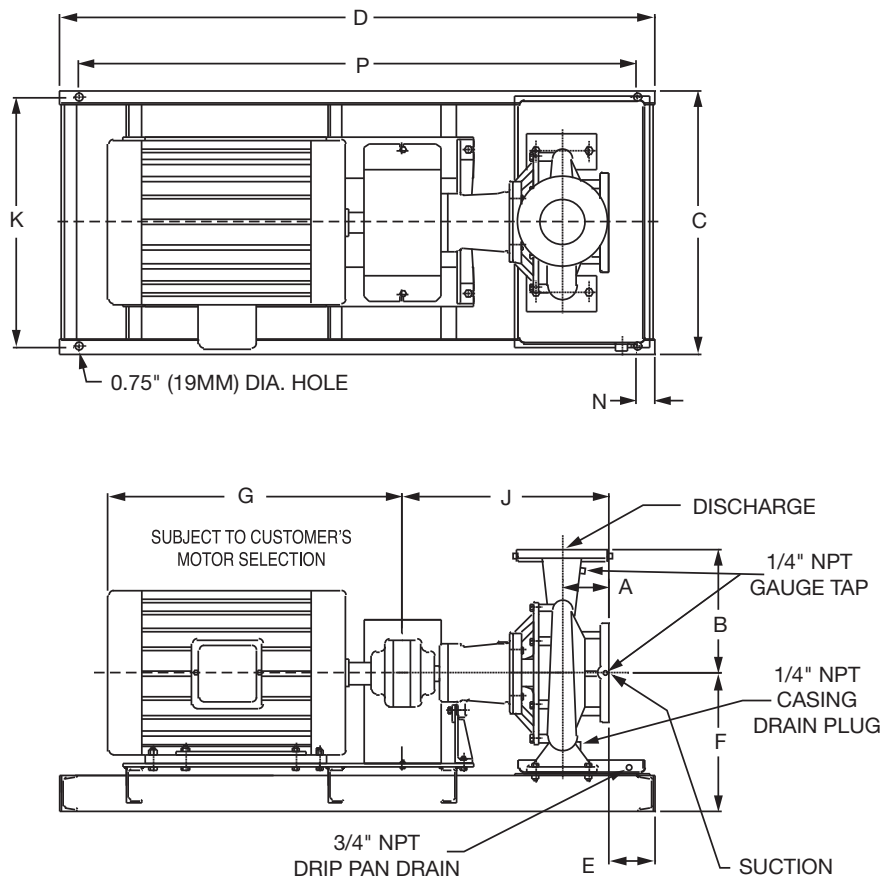
1760 RPM MODEL 1509

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1509 2 1/2 x 1 1/2 (64 x 38)	145T	1.5	4.56 (116)	4.87 (124)	8.00 (203)	8.25 (210)	16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)	11.40 (290)	13.00 (330)	23.03 (585)	23.34 (593)	14.67 (373)	2.00 (51)	37.5 (953)
		2					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		13.00 (330)			14.67 (373)		37.5 (953)
	182T	3					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	5					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	7.5					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		17.94 (456)			14.67 (373)		37.5 (953)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

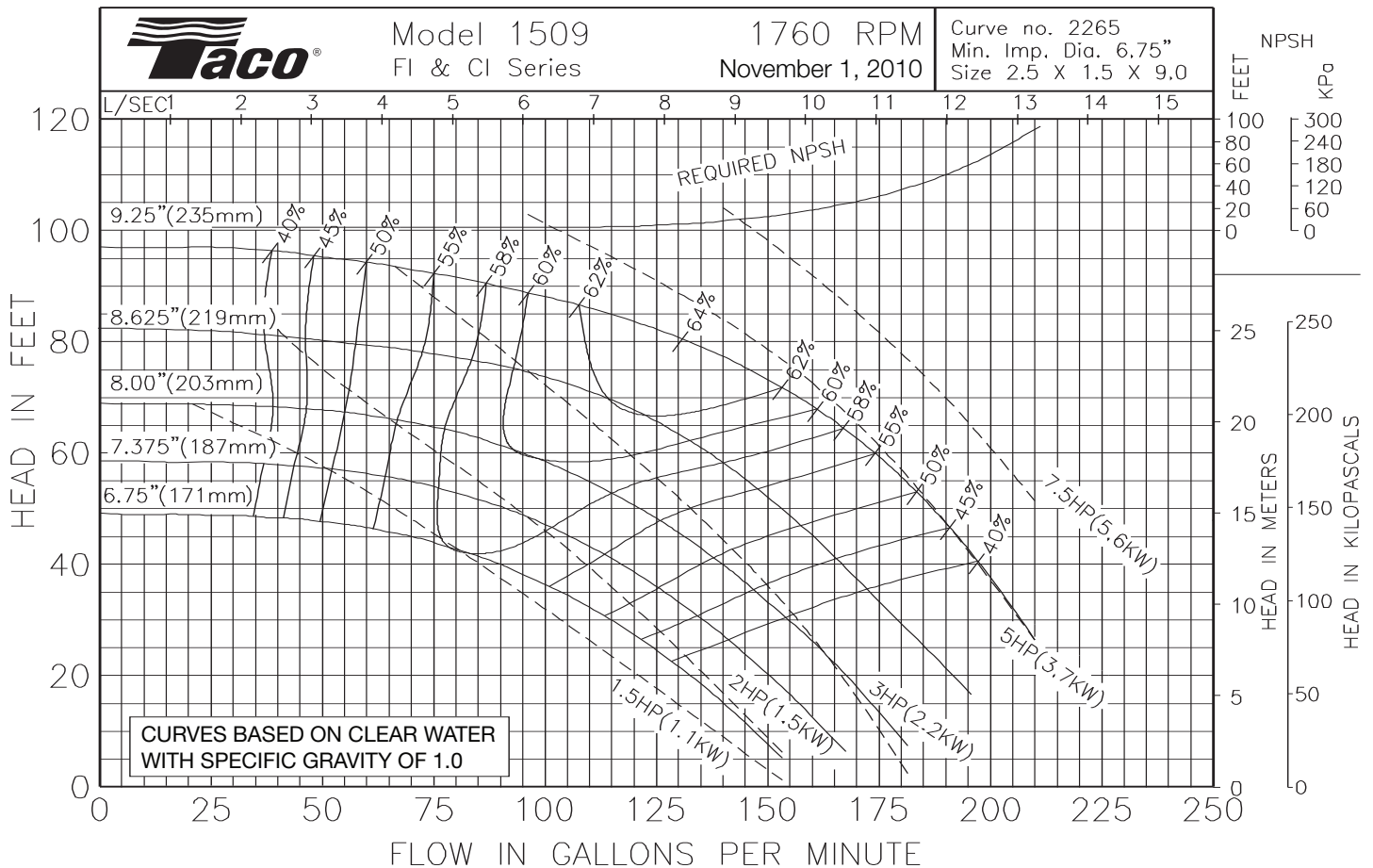
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	369 (167)
182T - 184T	420 (191)
213T - 215T	482 (219)



Comments:

Do it Once. Do it Right.®

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Submittal Data Information

FI Series Pumps

301-1434

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

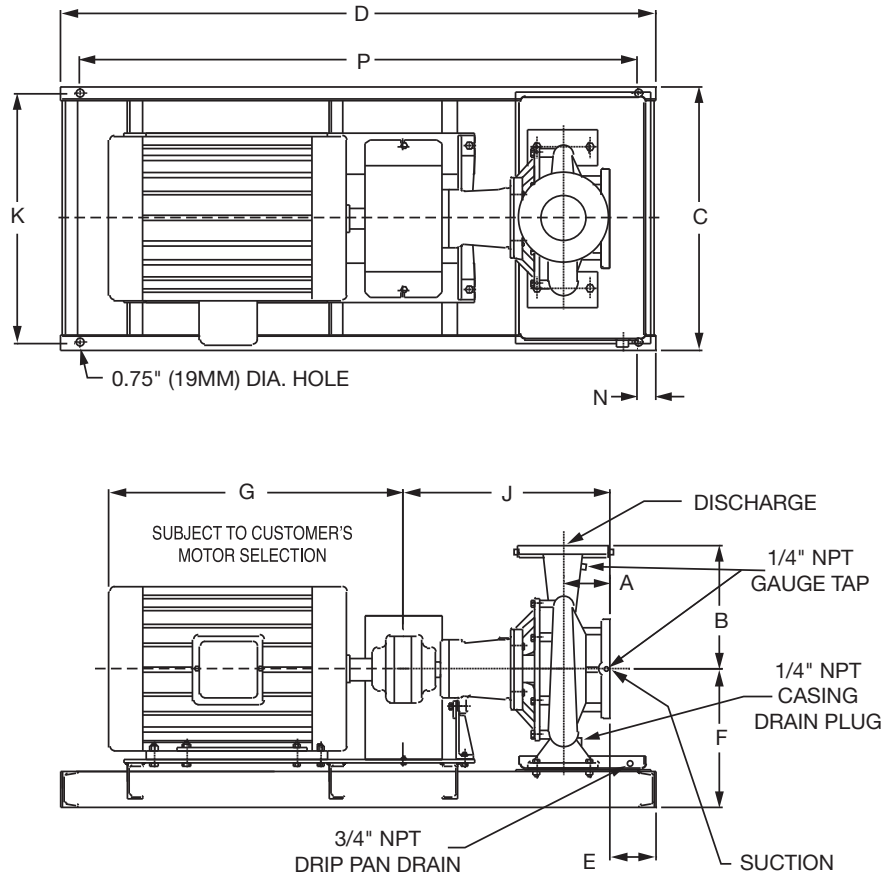
1760 RPM MODEL 1511

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
1511 2½ x 1½ (64 x 38)	182T	3	4.56 (116)	4.88 (124)	9.50 (241)	9.75 (248)	19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)	12.18 (309)	15.38 (391)	23.03 (585)	23.34 (593)	17.67 (449)	2.00 (51)	39.0 (991)
	184T	5					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		16.56 (421)			17.67 (449)		39.0 (991)
	213T	7.5					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		17.94 (456)			17.67 (449)		39.0 (991)
	215T	10					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		18.19 (462)			17.67 (449)		39.0 (991)
	254T	15					19.17 (487)	49.0 (1245)	1.23 (31)	0.92 (23)		21.69 (551)			17.67 (449)		45.0 (1143)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

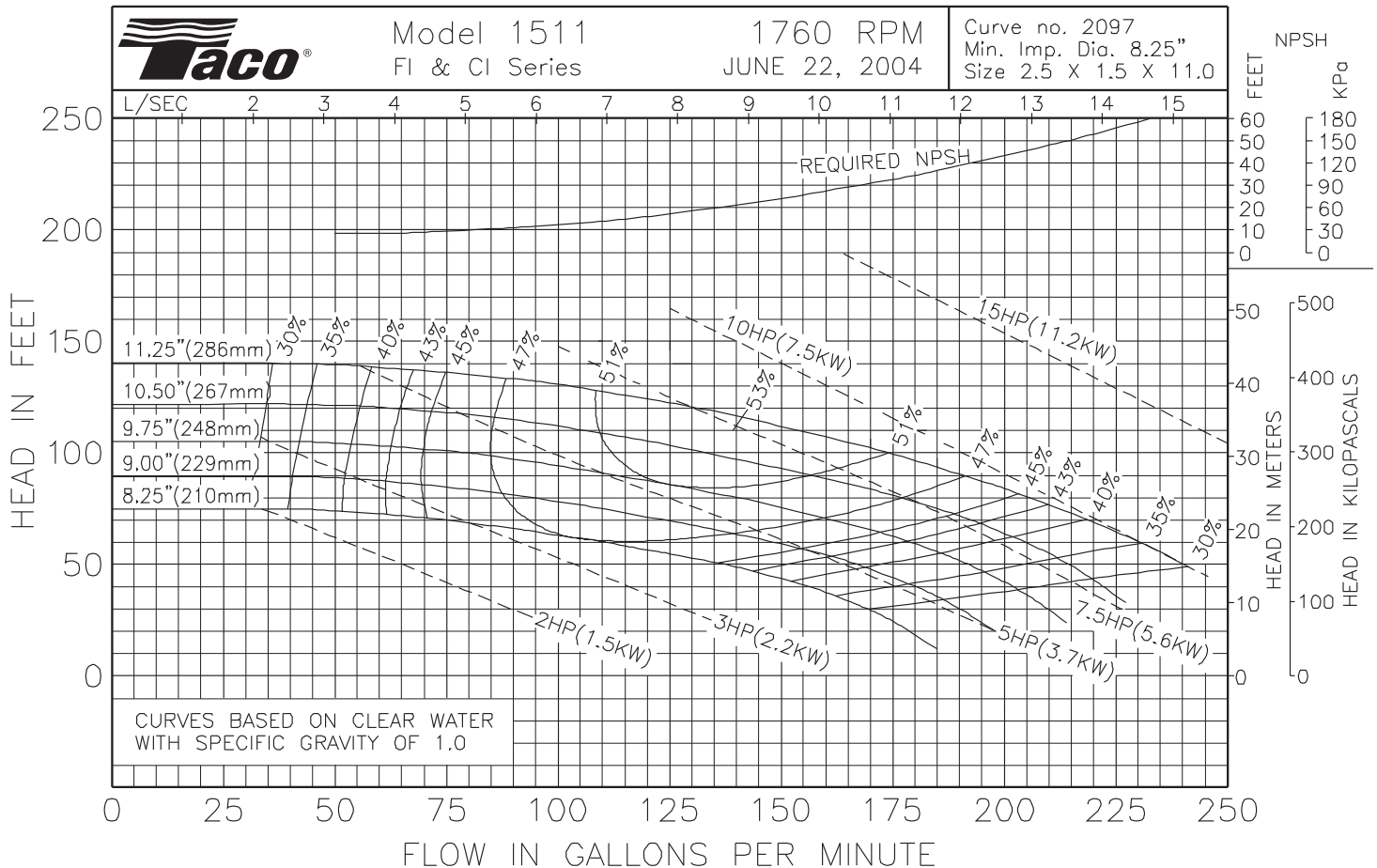
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	470 (213)
213T - 215T	560 (254)
254T - 256T	611 (277)



Comments:

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Submittal Data Information

FI Series Pumps

301-1477

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

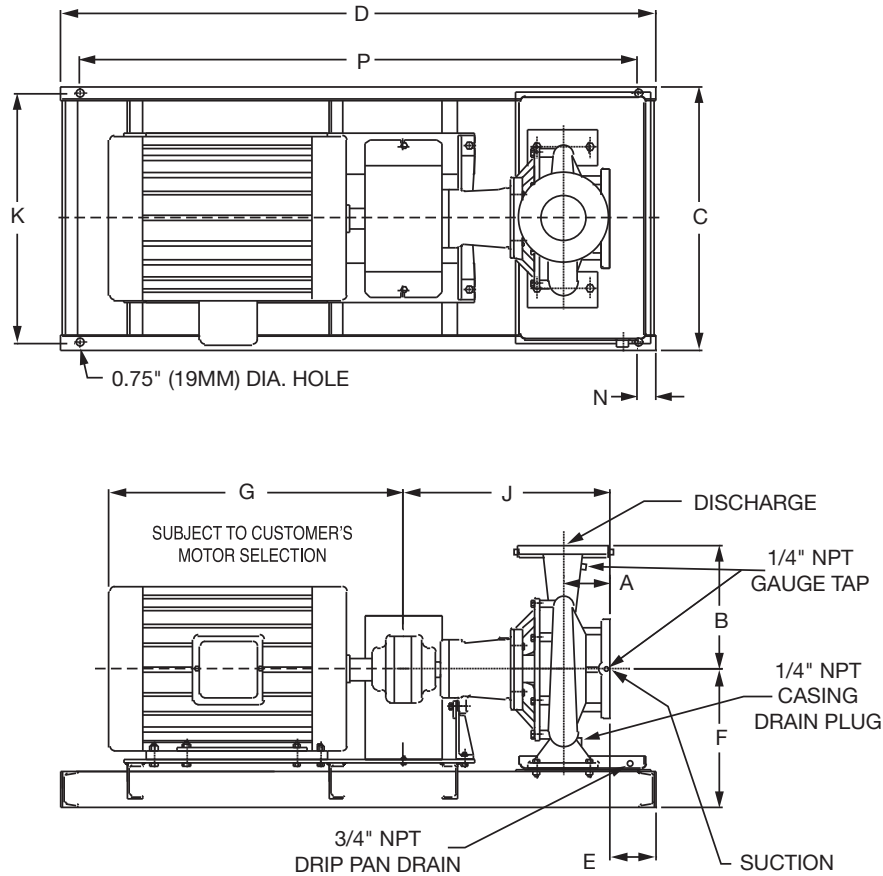
1760 RPM MODEL 2007

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2007 2½ x 2 (64 x 51)	143T	1	4.72 (120)	5.03 (128)	7.75 (197)	8.00 (203)	14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)	10.49 (266)	11.94 (303)	18.37 (467)	18.68 (474)	12.69 (322)	2.00 (51)	28.0 (711)
	145T	1.5					14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)		13.00 (330)			12.69 (322)		28.0 (711)
	182T	3					14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)		13.00 (330)			12.69 (322)		28.0 (711)
	184T	5					14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)		15.38 (391)			12.69 (322)		28.0 (711)
							14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)		16.56 (421)			12.69 (322)		28.0 (711)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

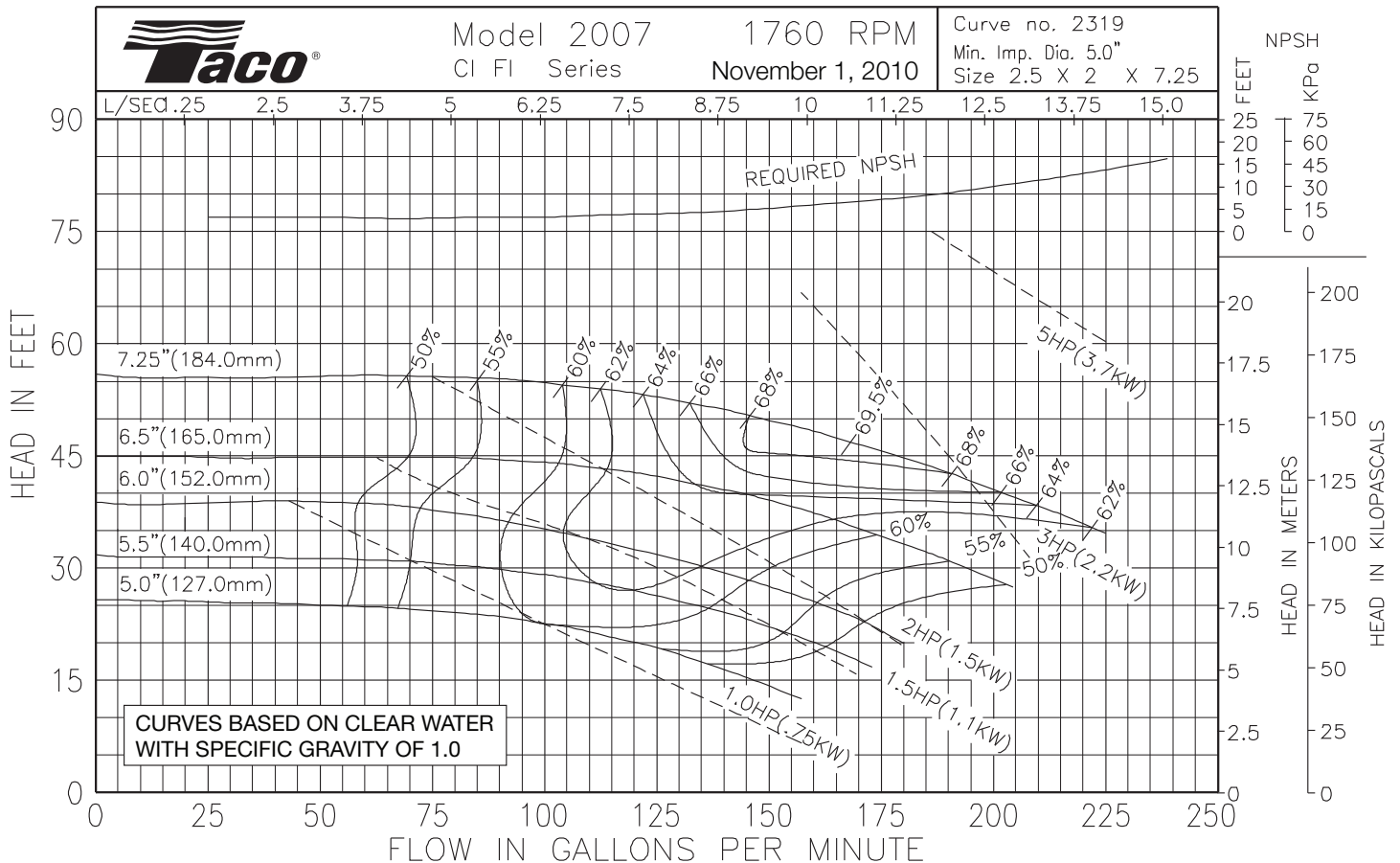
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	291 (132)
182T - 184T	342 (155)



Comments:

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Submittal Data Information

FI Series Pumps

301-1480

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

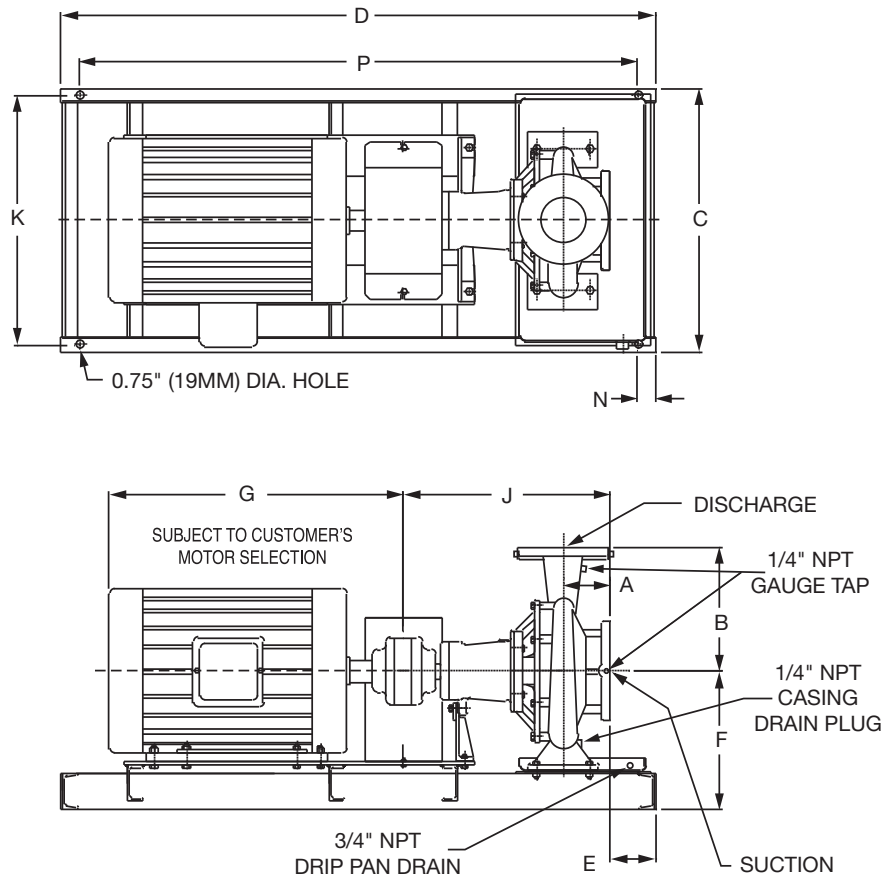
1760 RPM MODEL 2009

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 _____



Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2009 2 1/2 x 2 (64 x 51)	143T	1.5	4.72 (120)	5.03 (128)	8.75 (222)	9.00 (229)	16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)	11.28 (287)	11.94 (303)	23.45 (596)	23.76 (604)	14.67 (373)	2.00 (51)	37.5 (953)
	145T	2					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		13.00 (330)			14.67 (373)		37.5 (953)
	182T	3					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	7.5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		17.94 (456)			14.67 (373)		37.5 (953)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

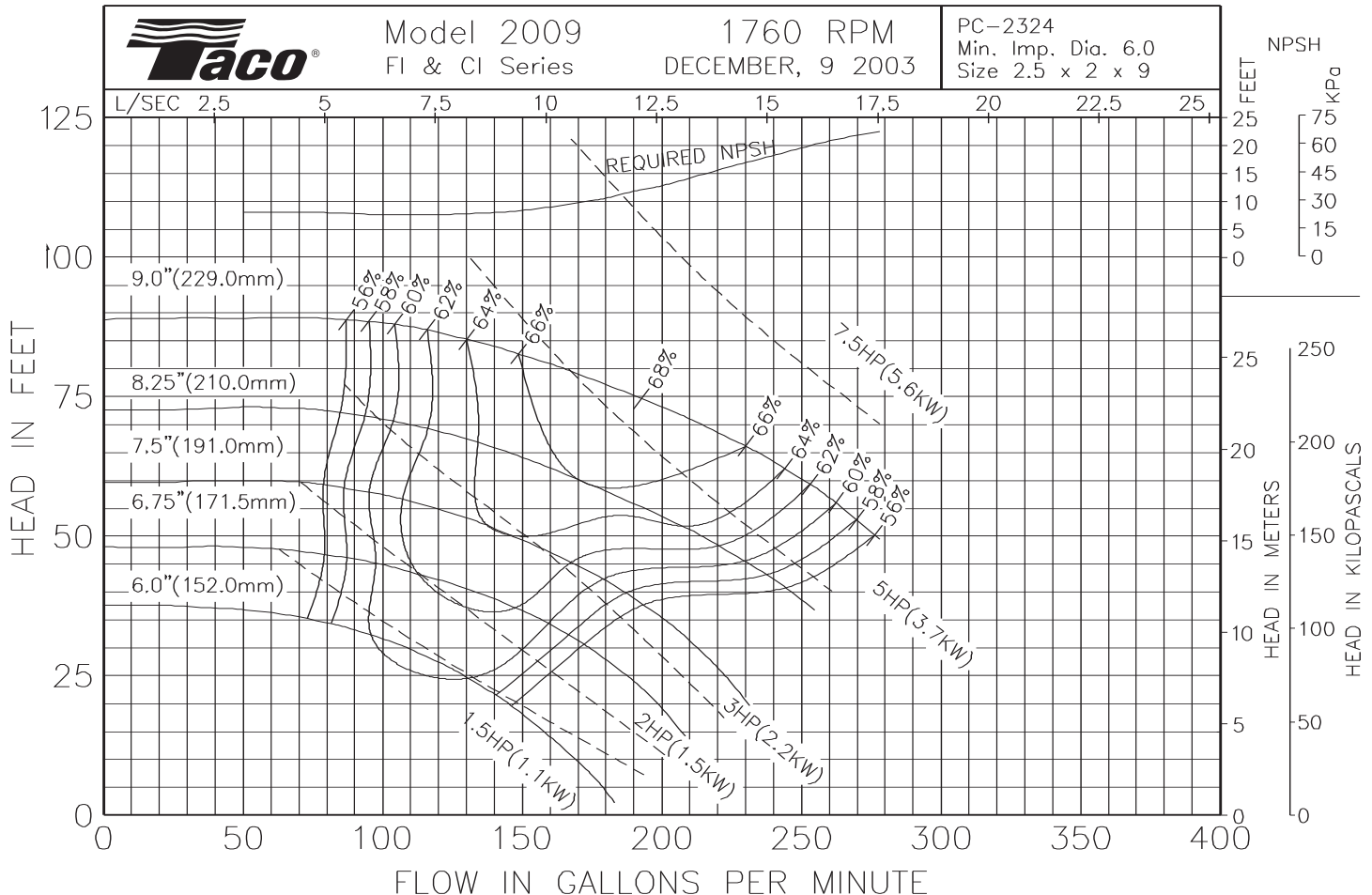
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	300 (136)
182T - 184T	351 (159)
213T - 215T	413 (187)



Comments:

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Submittal Data Information

FI Series Pumps

301-1404

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

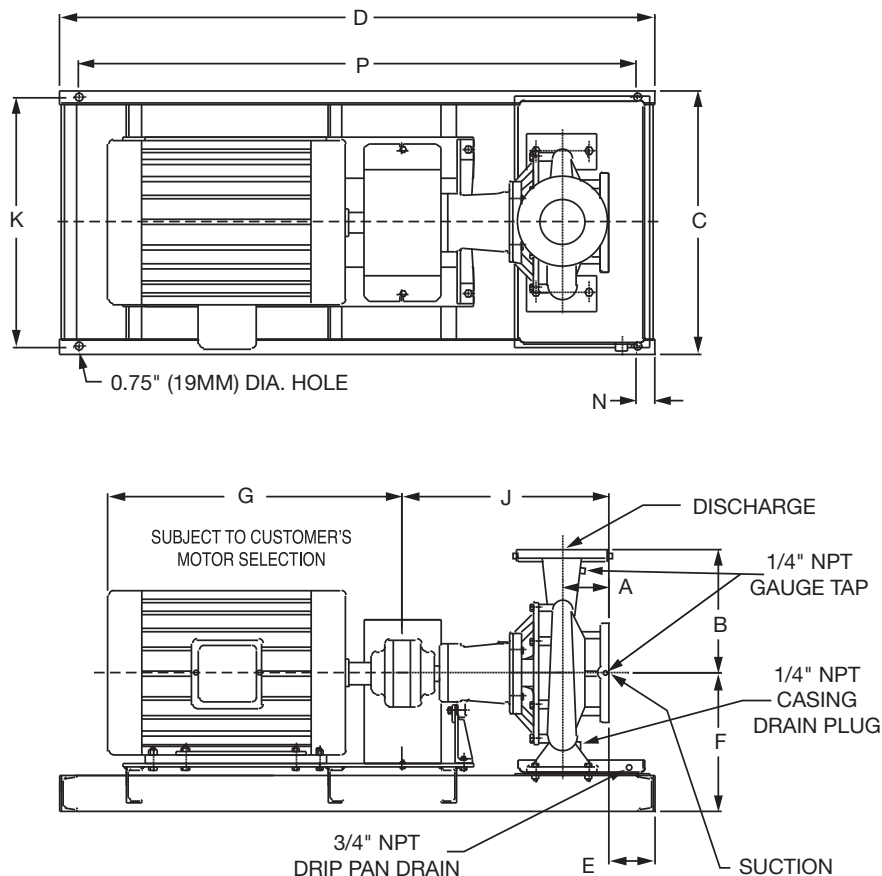
1760 RPM MODEL 2506

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2506 3 x 2 1/2 (76 x 64)	56	0.75	3.74 (95)	4.11 (104)	7.25 (184)	7.56 (192)	14.17 (360)	32.0 (813)	1.06 (27)	0.69 (18)	10.61 (269)	12.25 (311)	16.97 (431)	17.34 (440)	12.67 (322)	2.00 (51)	28.0 (711)
	143T	1					14.17 (360)	32.0 (813)	1.06 (27)	0.69 (18)		11.94 (303)			12.67 (322)		28.0 (711)
	145T	1.5					14.17 (360)	32.0 (813)	1.06 (27)	0.69 (18)		13.00 (330)			12.67 (322)		28.0 (711)
		2					14.17 (360)	32.0 (813)	1.06 (27)	0.69 (18)		13.00 (330)			12.67 (322)		28.0 (711)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

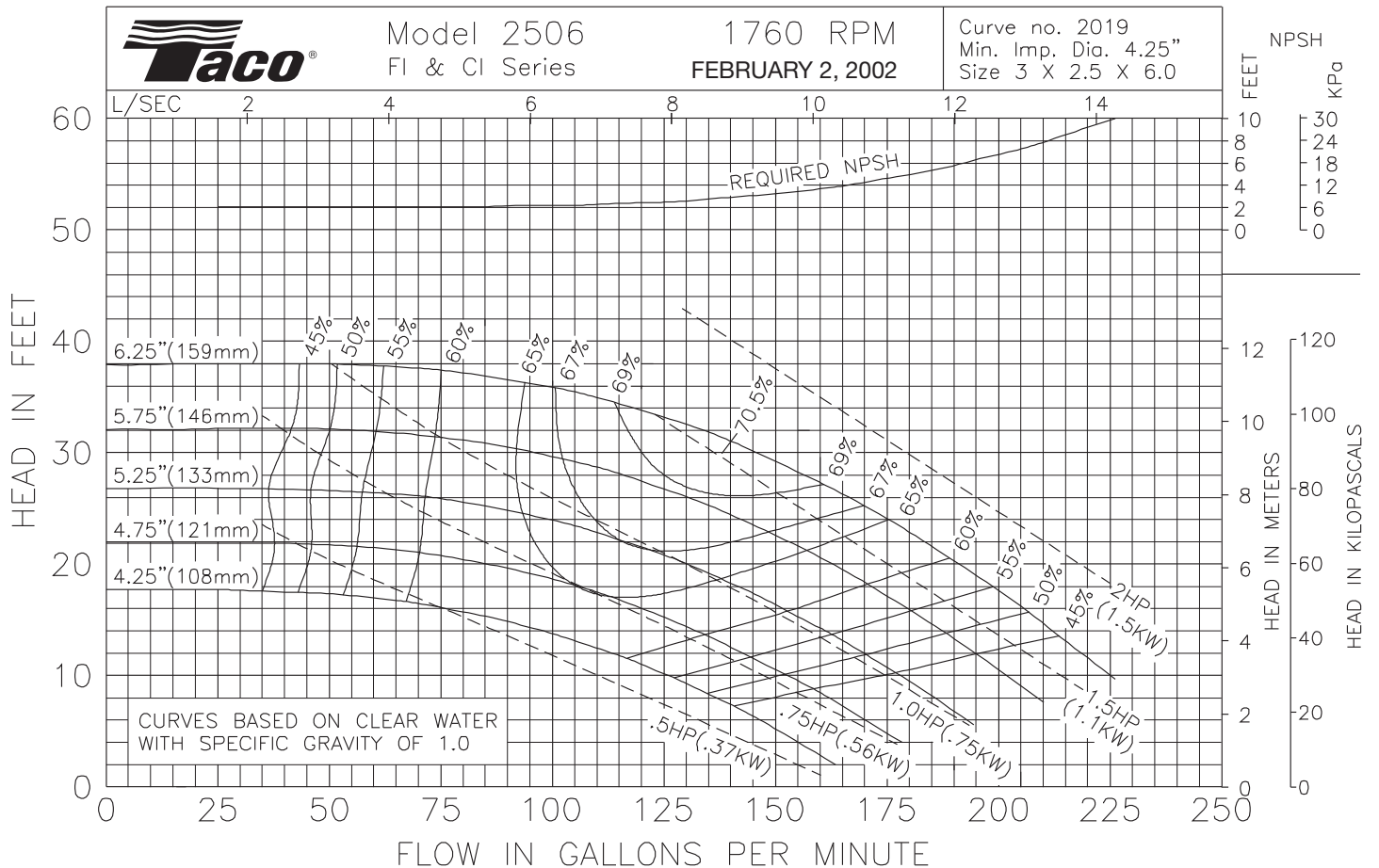
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
56	257 (117)
143T - 145T	286 (130)



Comments:

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Submittal Data Information

FI Series Pumps

301-1413

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

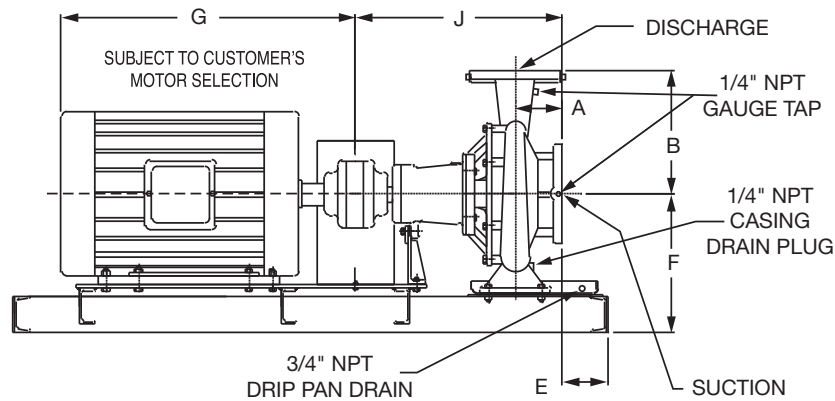
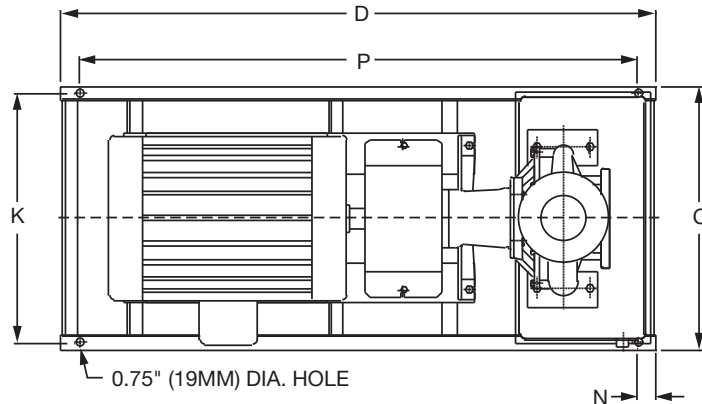
1760 RPM MODEL 2507

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2507 3 x 2 1/2 (76 x 64)	145T	2	4.72 (120)	5.09 (129)	7.83 (199)	8.14 (207)	16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)	11.40 (290)	13.00 (330)	23.53 (598)	23.90 (607)	14.67 (373)	2.00 (51)	37.5 (923)
	182T	3					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		15.38 (391)			14.67 (373)		37.5 (923)
	184T	5					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		16.56 (421)			14.67 (373)		37.5 (923)
	213T	7.5					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		17.94 (456)			14.67 (373)		37.5 (923)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

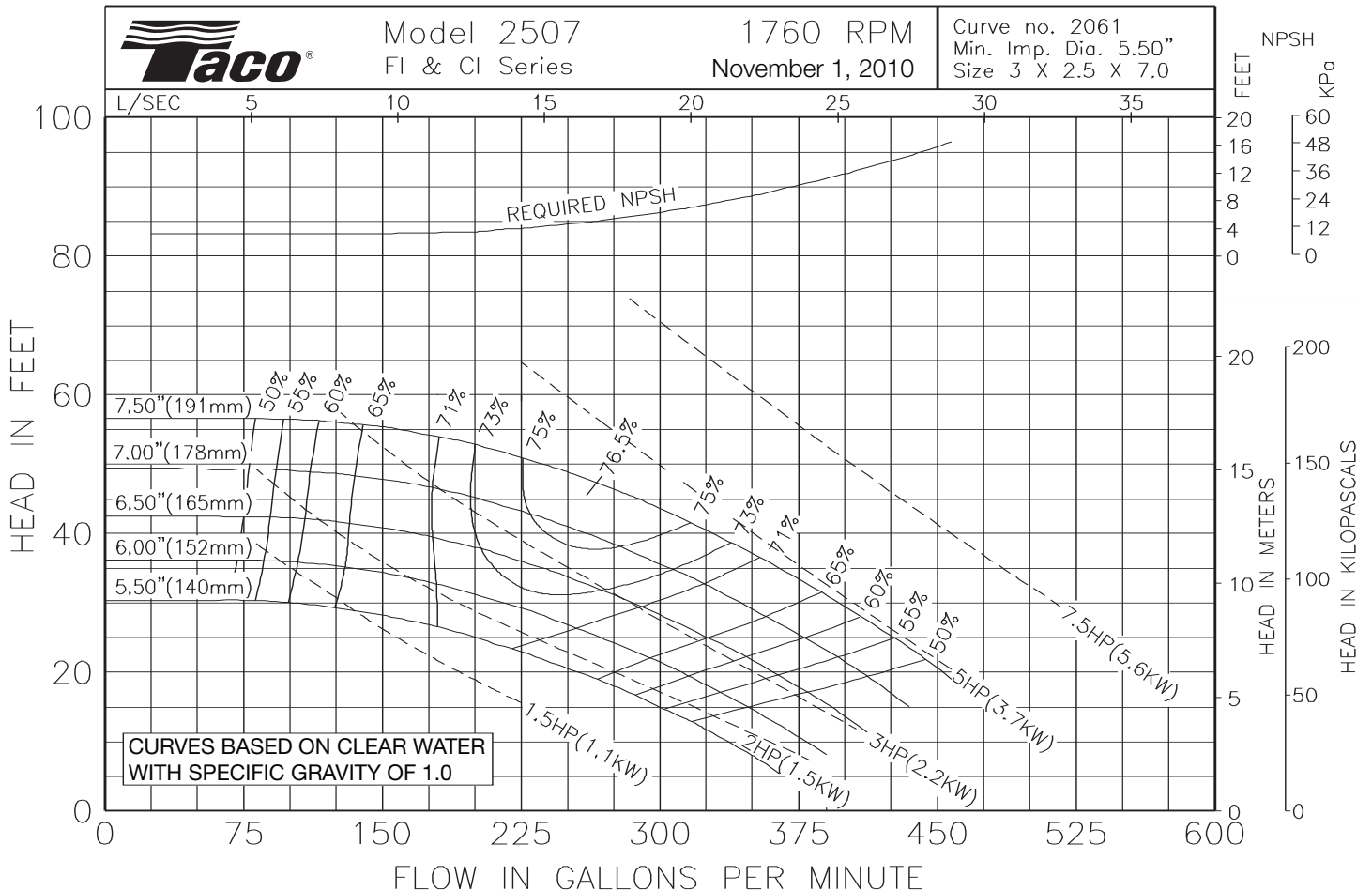
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	330 (150)
182T - 184T	381 (173)
213T - 215T	443 (201)



Comments:

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Submittal Data Information

FI Series Pumps

301-1466

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

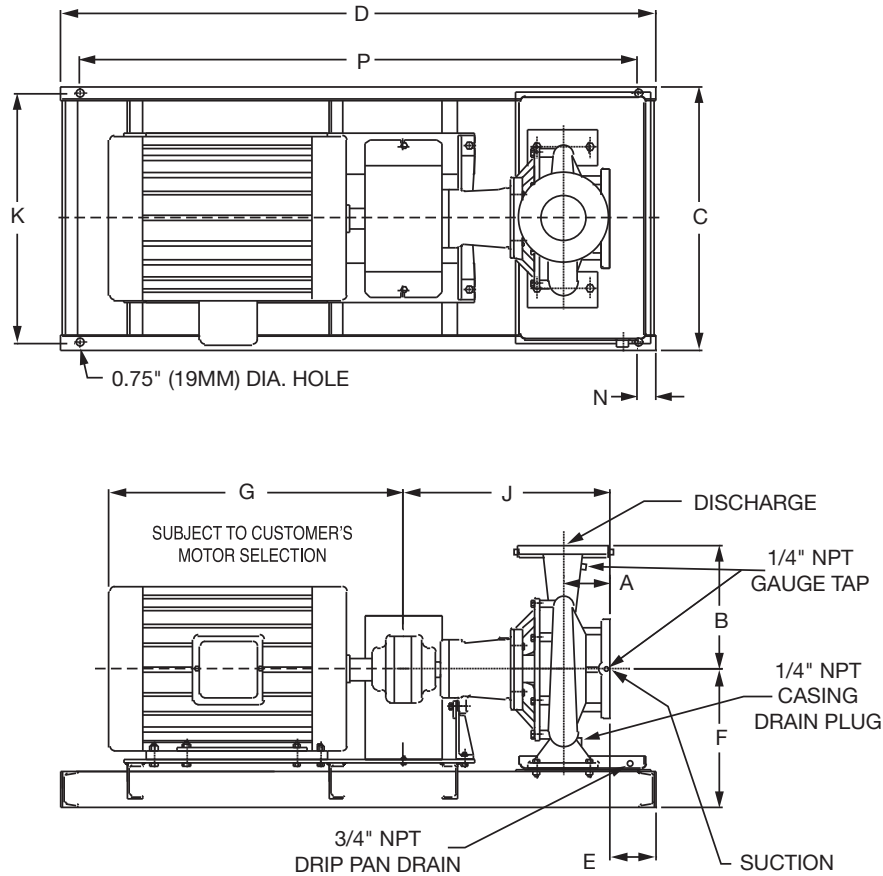
1760 RPM MODEL 2508

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2508 3 x 2 1/2 (76 x 64)	182T	3	4.72 (120)	5.10 (130)	8.25 (210)	8.53 (217)	16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)	11.40 (290)	15.38 (391)	23.24 (590)	23.61 (600)	14.67 (373)	2.00 (51)	37.5 (953)
	184T	5					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	7.5					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		17.94 (456)			14.67 (373)		37.5 (953)
	215T	10					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		18.19 (462)			14.67 (373)		37.5 (953)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

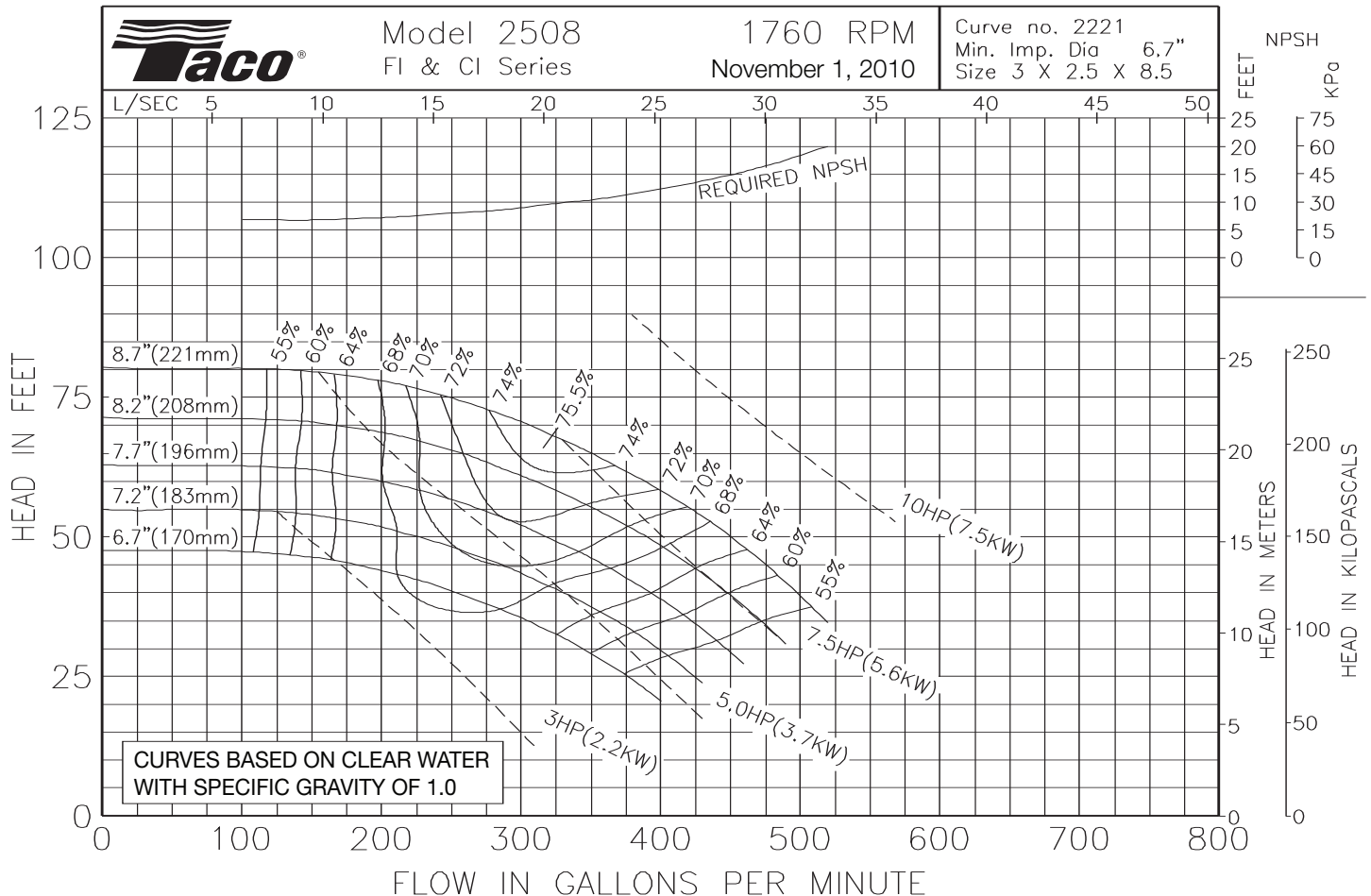
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	387 (176)
213T - 215T	477 (216)



Comments:

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Submittal Data Information

FI Series Pumps

301-1425

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

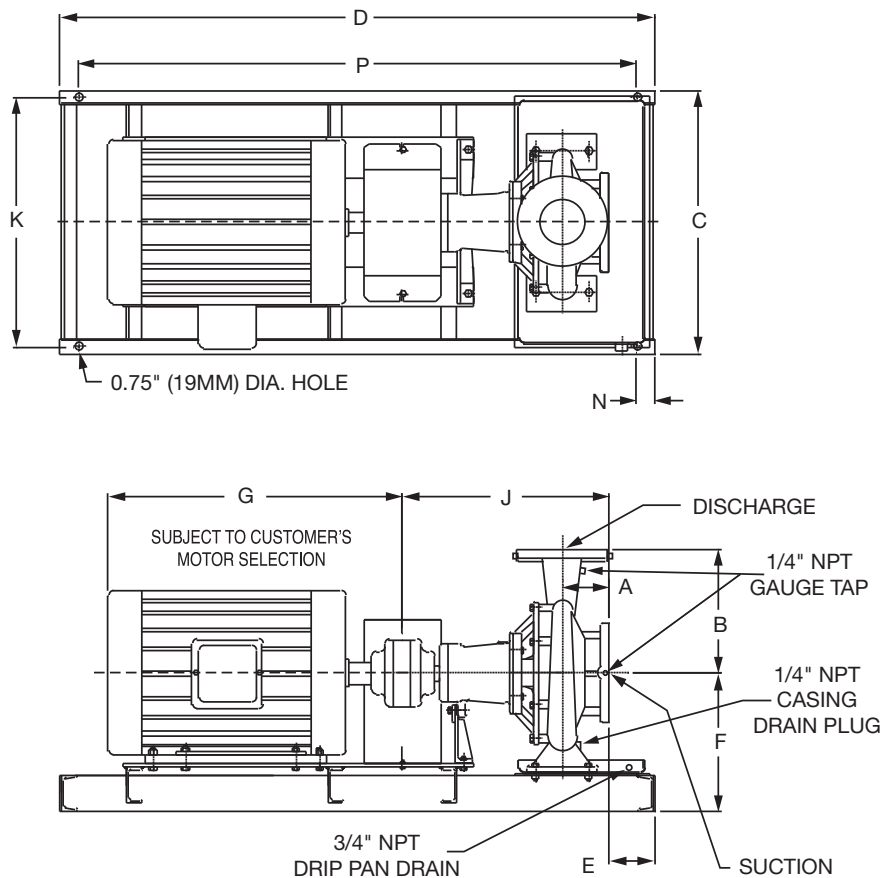
1760 RPM MODEL 2509

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2509 3 x 2½ (76 x 64)	182T	3	4.72 (120)	5.09 (129)	9.00 (229)	9.31 (236)	16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)	11.40 (290)	15.38 (391)	23.12 (587)	23.49 (597)	14.67 (373)	2.00 (51)	37.5 (953)
	184T	5					16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	7.5					16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)		17.94 (456)			14.67 (373)		37.5 (953)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

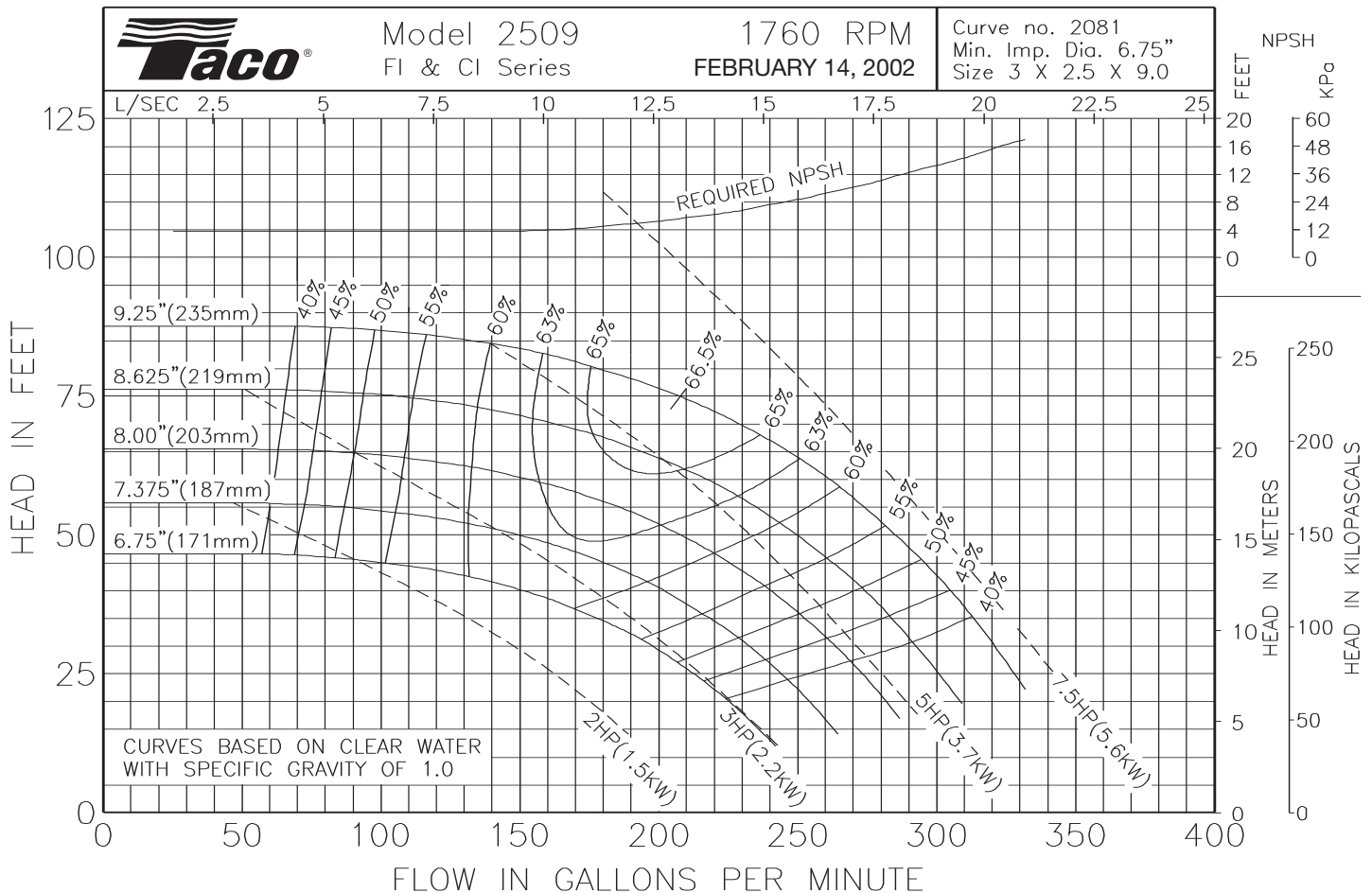
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	423 (192)
213T - 215T	485 (220)



Comments:

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Submittal Data Information

FI Series Pumps

301-1469

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

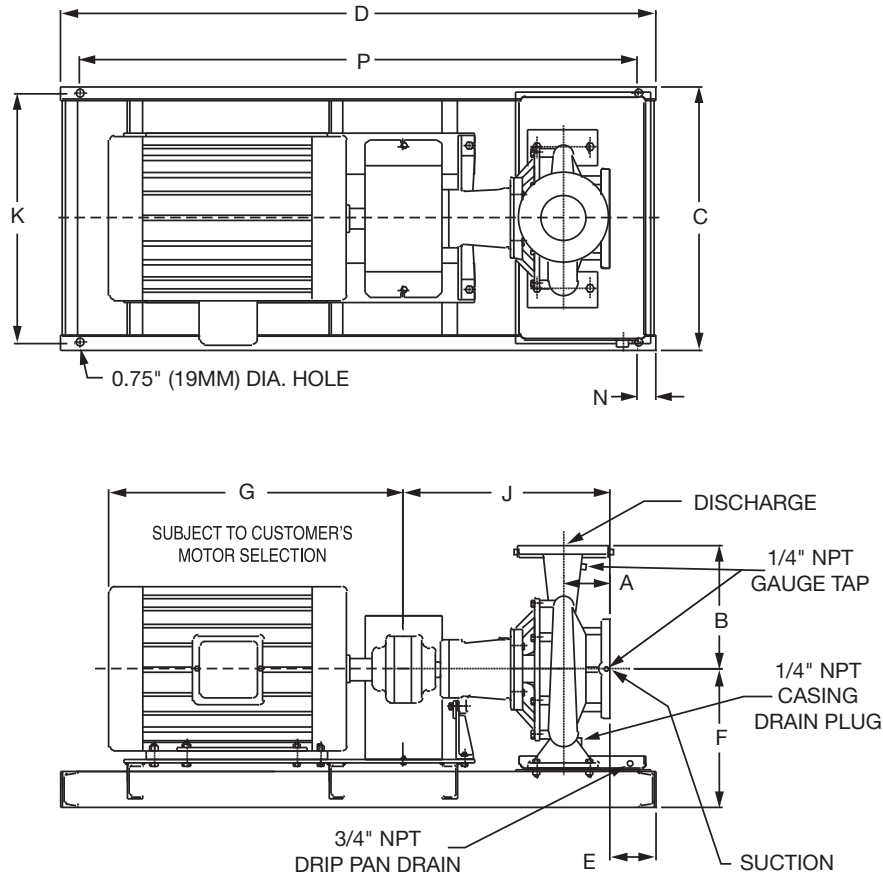
1760 RPM MODEL 2510

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2510 3 x 2½ (76 x 64)	184T	5	4.72 (120)	5.09 (129)	9.75 (248)	10.06 (256)	19.17 (487)	43.0 (1092)	1.07 (27)	0.70 (18)	12.19 (310)	16.56 (421)	23.41 (595)	23.78 (604)	17.67 (449)	2.00 (50)	39.0 (991)
	213T	7.5					19.17 (487)	43.0 (1092)	1.07 (27)	0.70 (18)		17.94 (456)			17.67 (449)		39.0 (991)
	215T	10					19.17 (487)	43.0 (1092)	1.07 (27)	0.70 (18)		18.19 (462)			17.67 (449)		39.0 (991)
	254T	15					19.17 (487)	49.0 (1245)	1.07 (27)	0.70 (18)		21.69 (551)			17.67 (449)		45.0 (1143)
	256T	20					19.17 (487)	49.0 (1245)	1.07 (27)	0.70 (18)		23.19 (589)			17.67 (449)		45.0 (1143)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

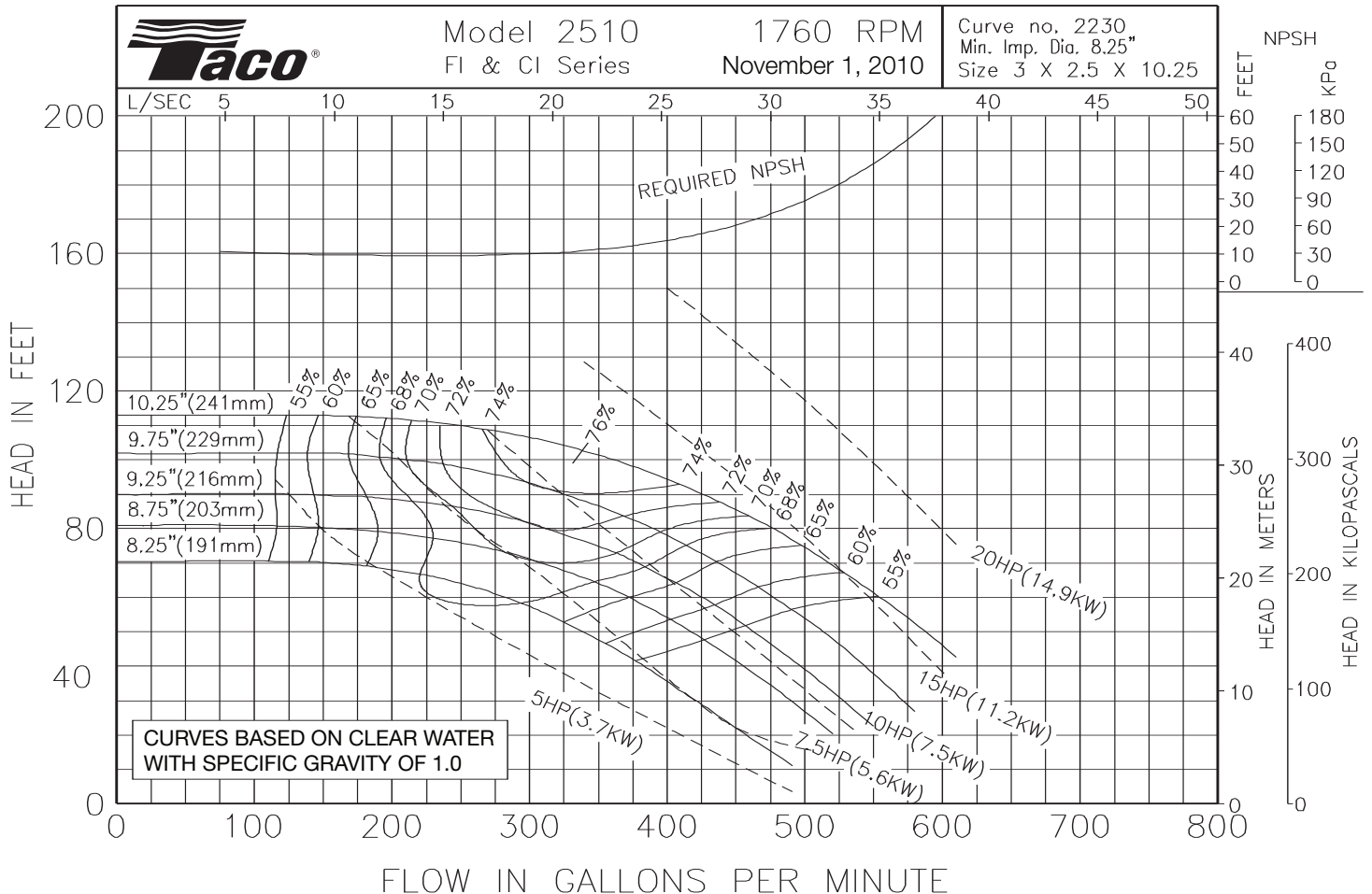
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	452 (205)
213T - 215T	542 (246)
254T - 256T	624 (283)



Comments:

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Submittal Data Information

FI Series Pumps

301-1436

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

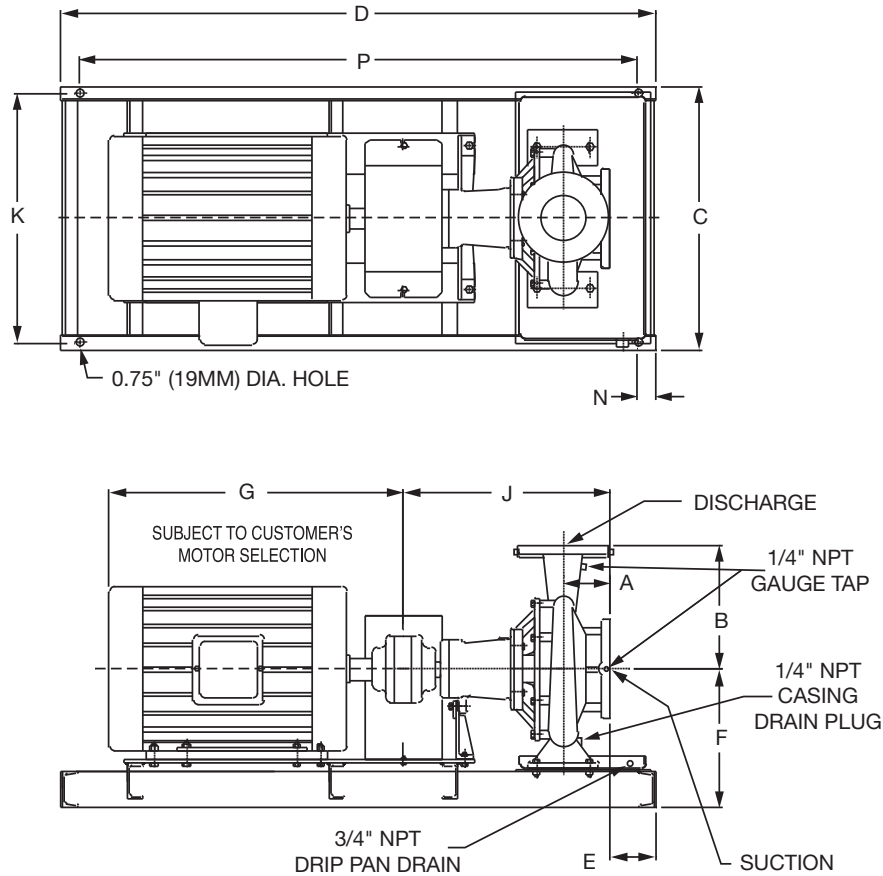
1760 RPM MODEL 2511

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2511 3 x 2 1/2 (76 x 64)	182T	3	4.72 (120)	5.09 (129)	11.50 (292)	11.81 (300)	19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)	13.19 (335)	15.38 (391)	23.31 (592)	23.68 (598)	17.67 (449)	2.00 (50)	48.0 (1219)
	184T	5					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		16.56 (421)			17.67 (449)		48.0 (1219)
	213T	7.5					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		21.69 (551)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

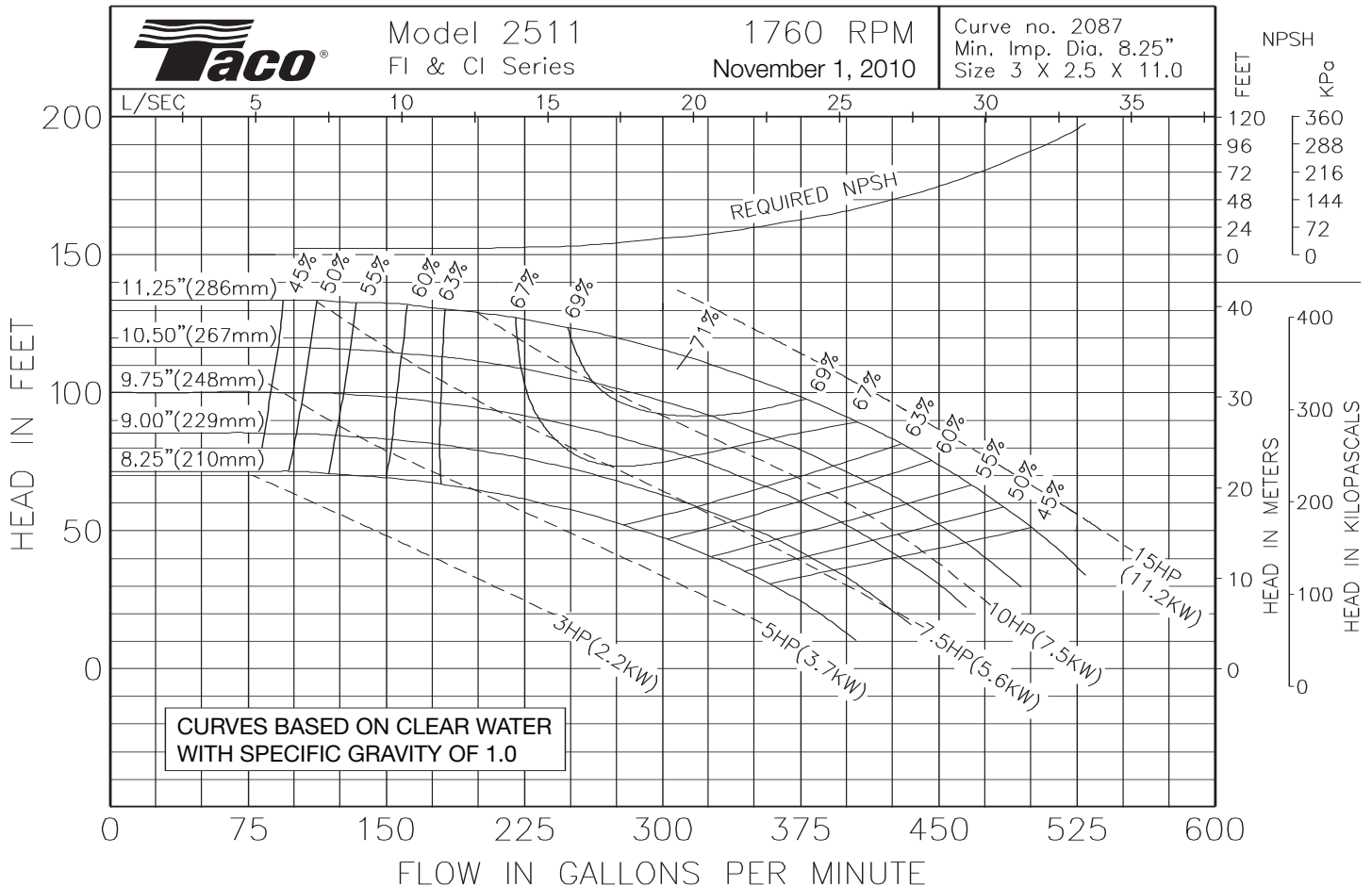
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	478 (217)
213T - 215T	568 (258)
254T - 256T	619 (281)



Comments:

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Submittal Data Information

FI Series Pumps

301-1444

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

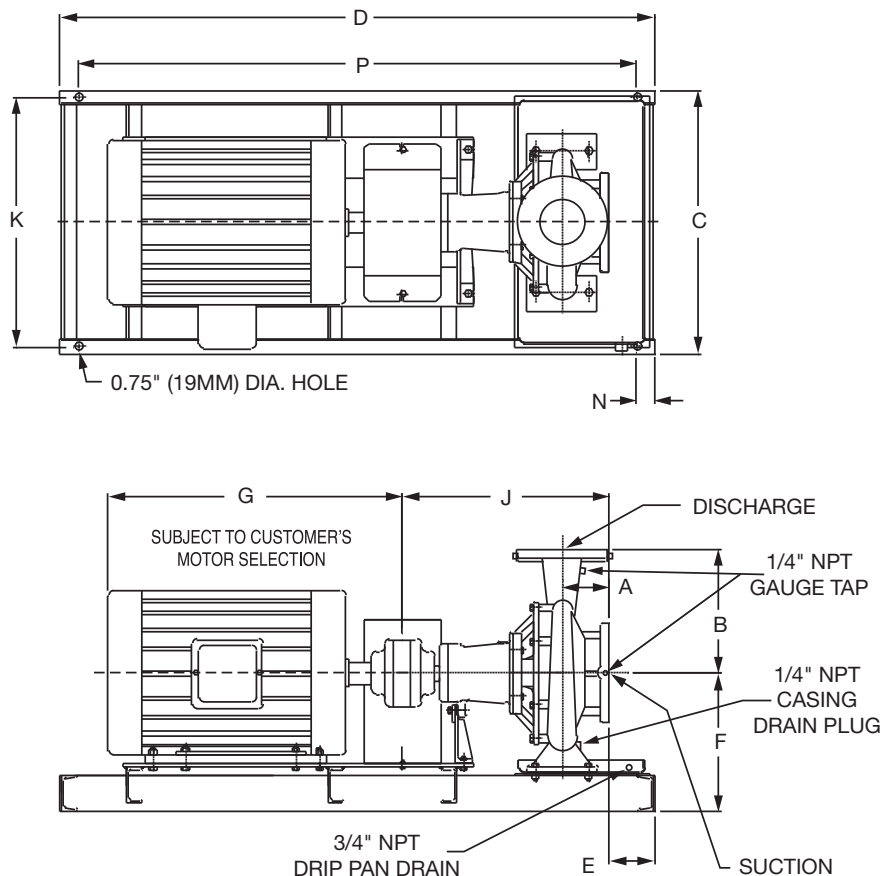
1760 RPM MODEL 2513

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
2513 3 x 2 1/2 (76 x 64)	213T	7.5	4.72 (120)	5.09 (129)	12.23 (311)	12.54 (319)	19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)	13.19 (335)	17.94 (456)	23.47 (596)	23.84 (606)	17.67 (449)	2.00 (50)	48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		24.94 (633)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

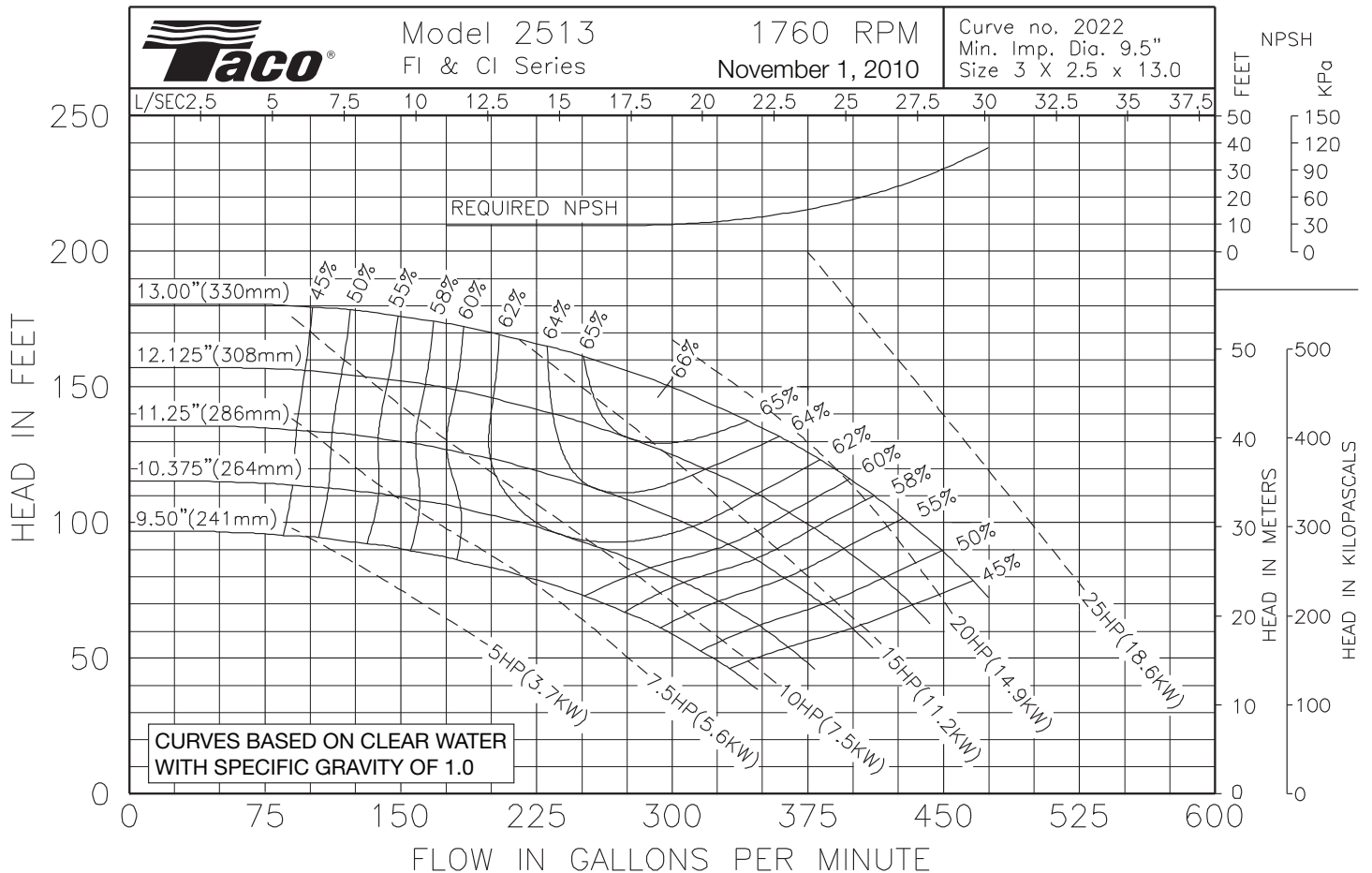
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	672 (305)
254T - 256T	754 (342)
284T - 286T	900 (408)



Comments:

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Submittal Data Information

FI Series Pumps

301-1416

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

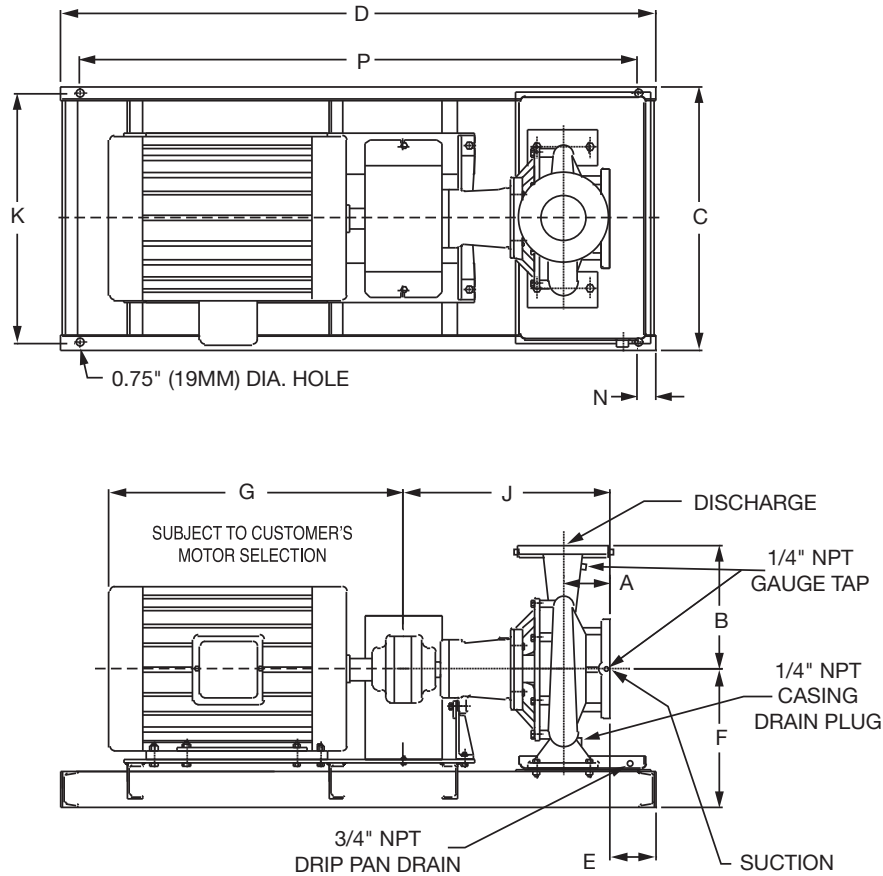
1760 RPM MODEL 3007

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
3007 4 x 3 (102 x 76)	145T	2	4.72 (120)	5.03 (128)	10.00 (254)	10.37 (263)	16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)	11.40 (290)	13.00 (330)	23.92 (608)	24.24 (616)	14.67 (373)	2.00 (51)	37.5 (923)
	182T	3					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		15.38 (391)			14.67 (373)		37.5 (923)
	184T	5					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		16.56 (421)			14.67 (373)		37.5 (923)
	213T	7.5					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		17.94 (456)			14.67 (373)		37.5 (923)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

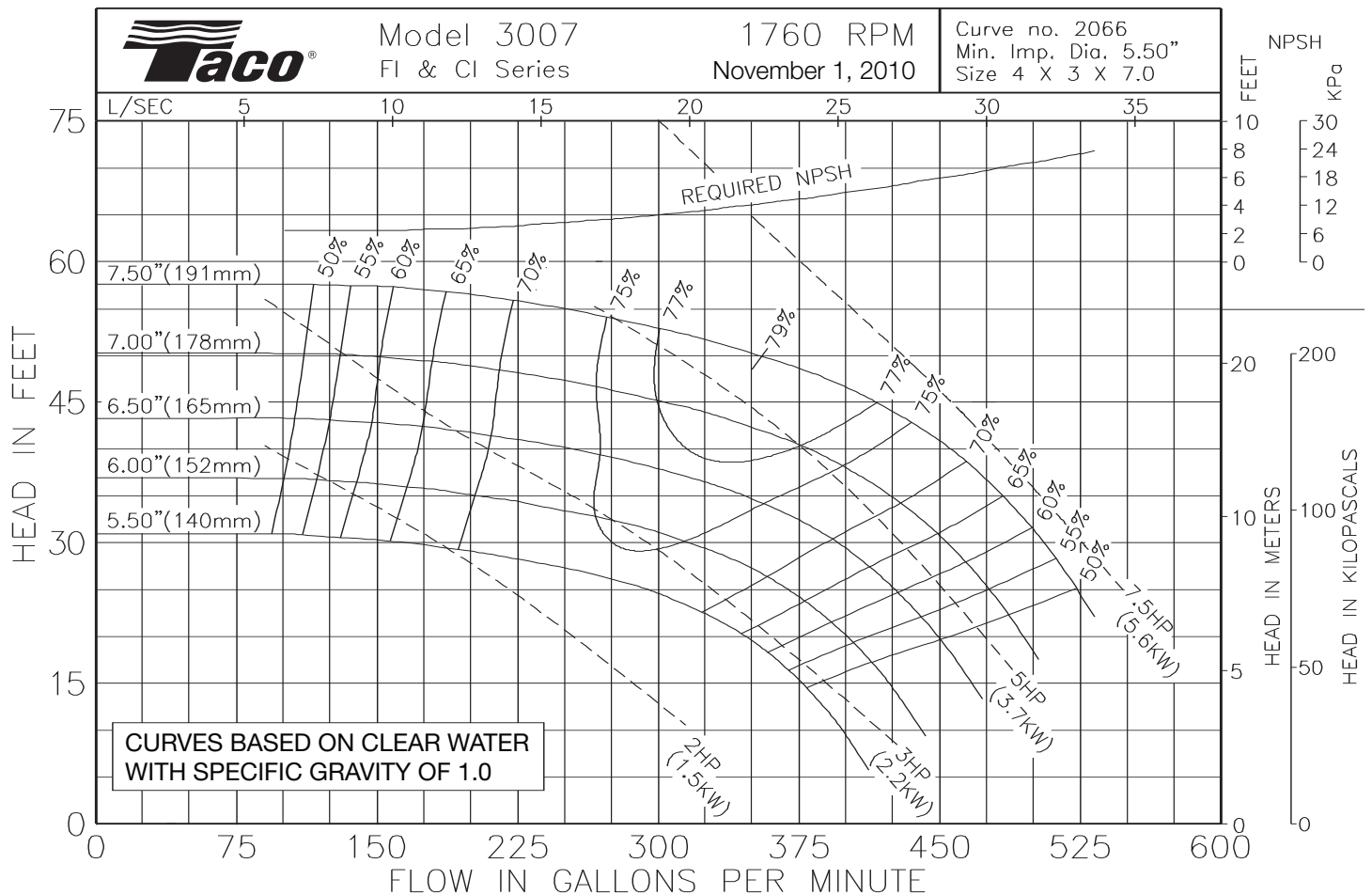
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
143T - 145T	348 (158)
182T - 184T	399 (181)
213T - 215T	461 (209)



Comments:

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Submittal Data Information

FI Series Pumps

301-1428

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

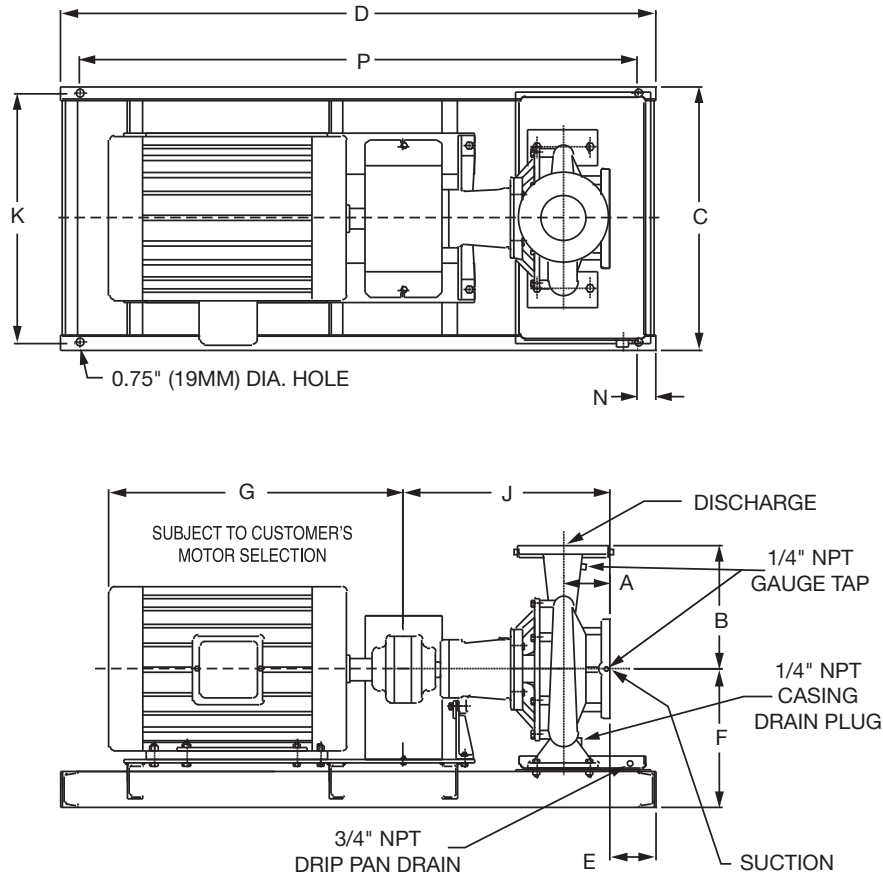
1760 RPM MODEL 3009

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
3009 4 x 3 (102 x 76)	182T	3	4.73 (120)	5.04 (128)	10.00 (254)	10.37 (263)	16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)	11.40 (290)	15.38 (391)	23.24 (590)	23.55 (598)	14.67 (373)	2.00 (50)	37.5 (953)
	184T	5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	7.5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		17.94 (456)			14.67 (373)		37.5 (953)
	215T	10					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		18.19 (462)			14.67 (373)		37.5 (953)
	254T	15					19.17 (487)	49.0 (1245)	1.14 (29)	0.83 (21)		21.69 (551)			17.67 (449)		45.0 (1143)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

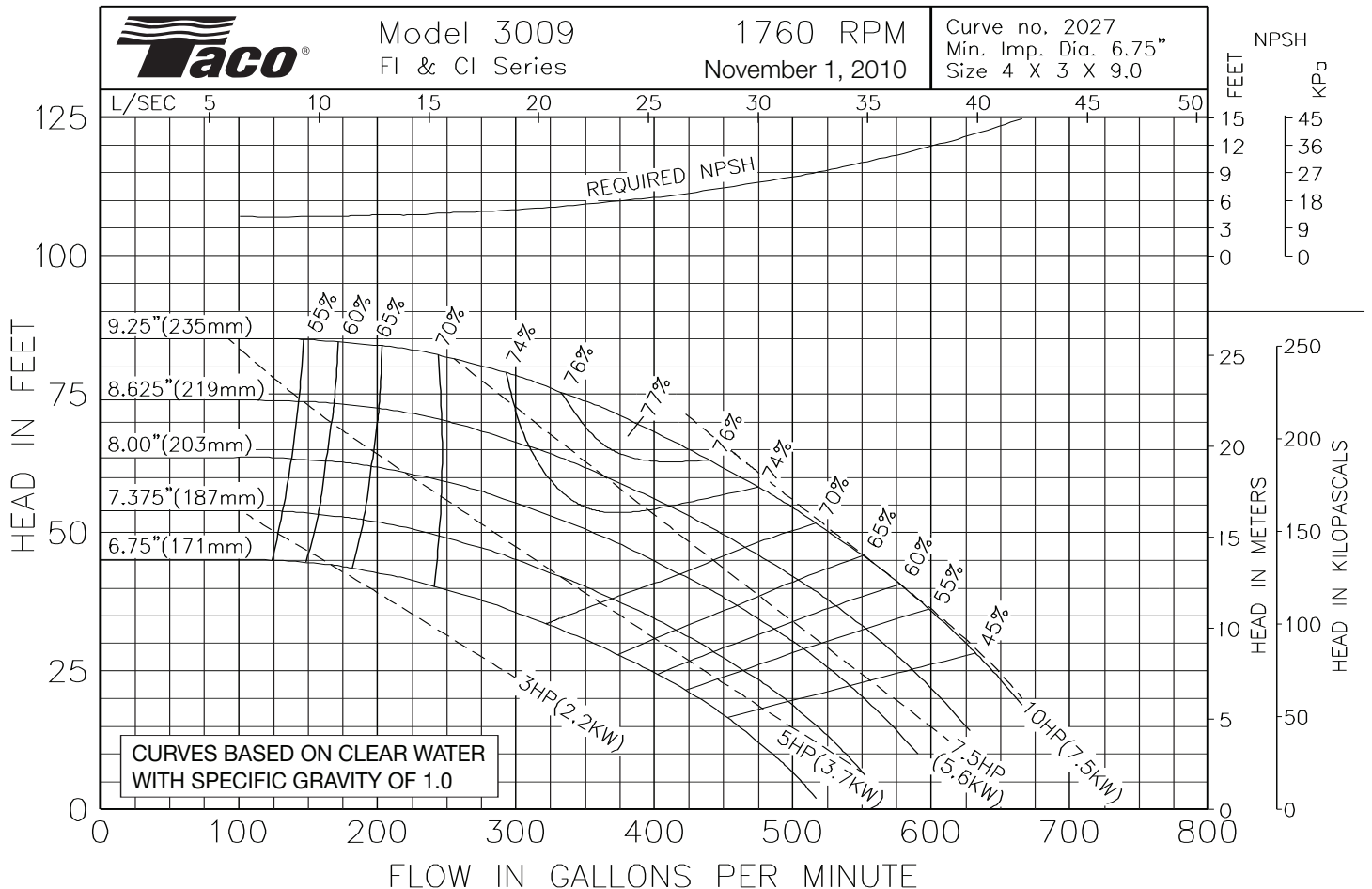
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	419 (190)
213T - 215T	509 (231)
254T - 256T	560 (254)



Comments:

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Submittal Data Information

FI Series Pumps

301-1438

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

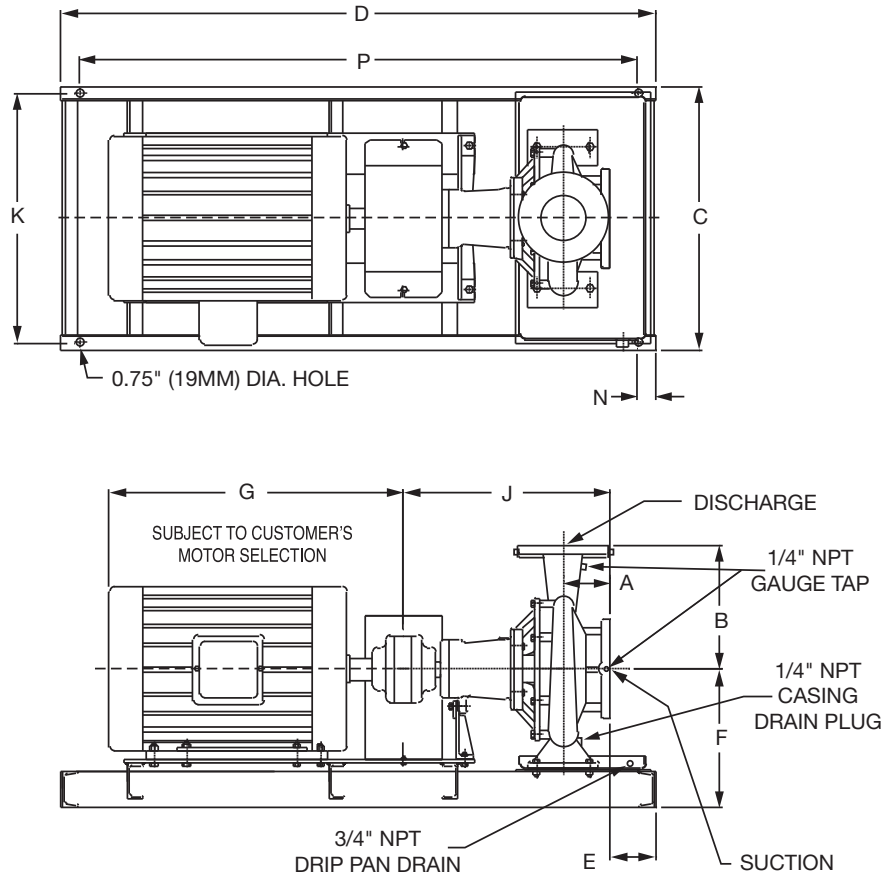
1760 RPM MODEL 3011

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
3011 4 x 3 (102 x 76)	213T	7.5	4.72 (120)	5.03 (128)	11.00 (279)	11.38 (289)	19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)	13.19 (335)	17.94 (456)	23.50 (597)	23.81 (605)	17.67 (449)	2.00 (50)	48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		24.94 (633)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

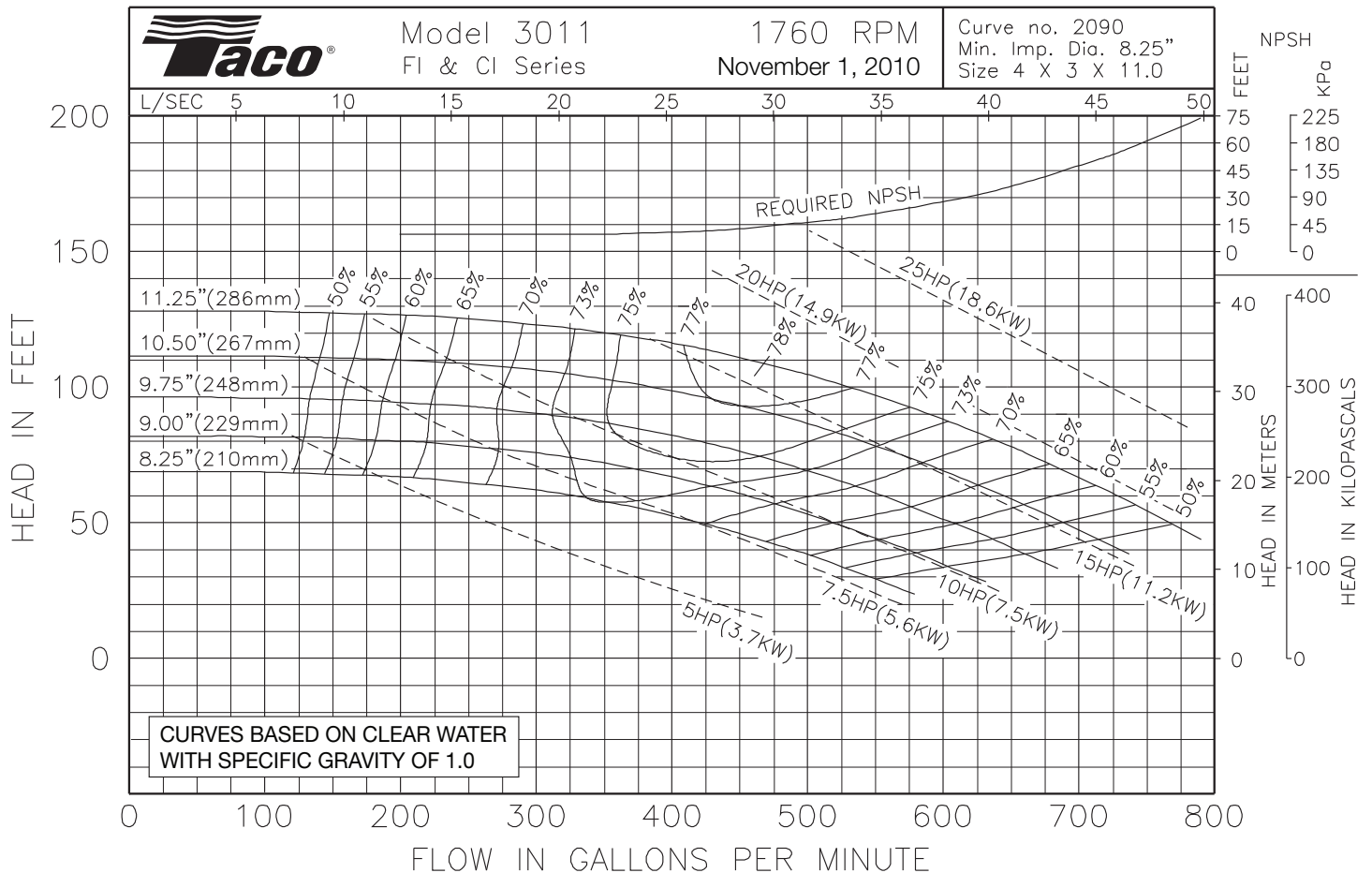
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	592 (269)
254T - 256T	674 (306)
284T - 286T	820 (372)



Comments:

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Submittal Data Information

FI Series Pumps

301-1446

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

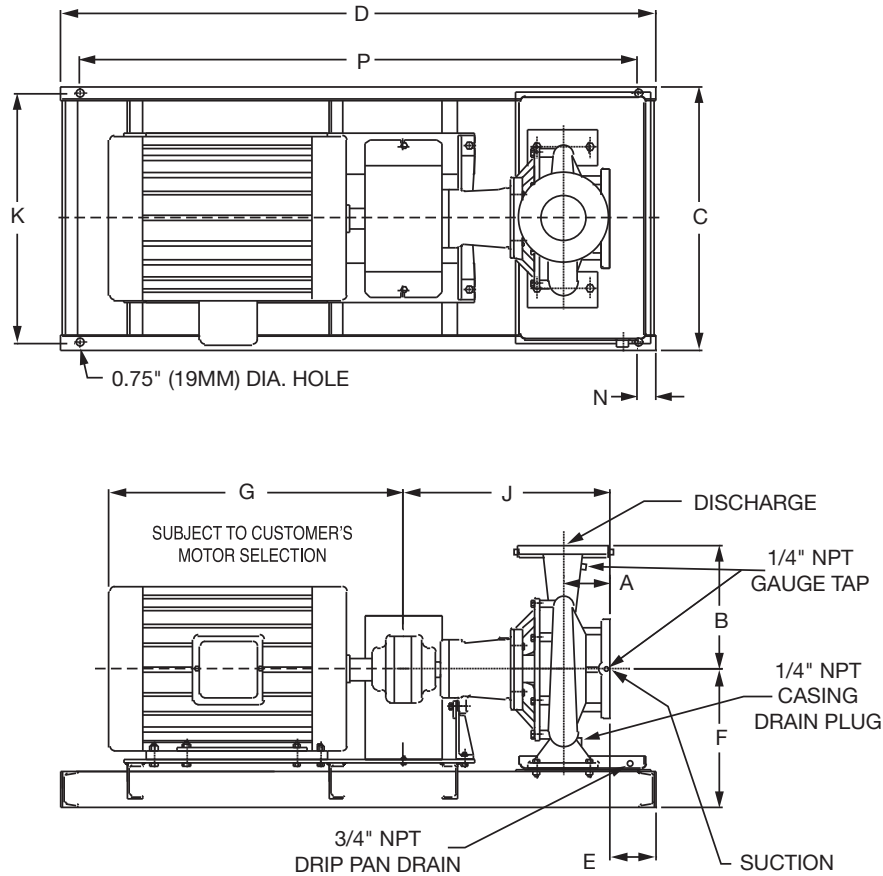
1760 RPM MODEL 3013

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
3013 4 x 3 (102 x 76)	215T	10	4.72 (120)	5.03 (128)	12.25 (311)	12.63 (321)	19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)	14.15 (359)	18.19 (462)	23.50 (597)	23.81 (605)	17.67 (449)	2.00 (51)	48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		24.94 (633)			17.67 (449)		48.0 (1219)
	286T	30					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		25.06 (637)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

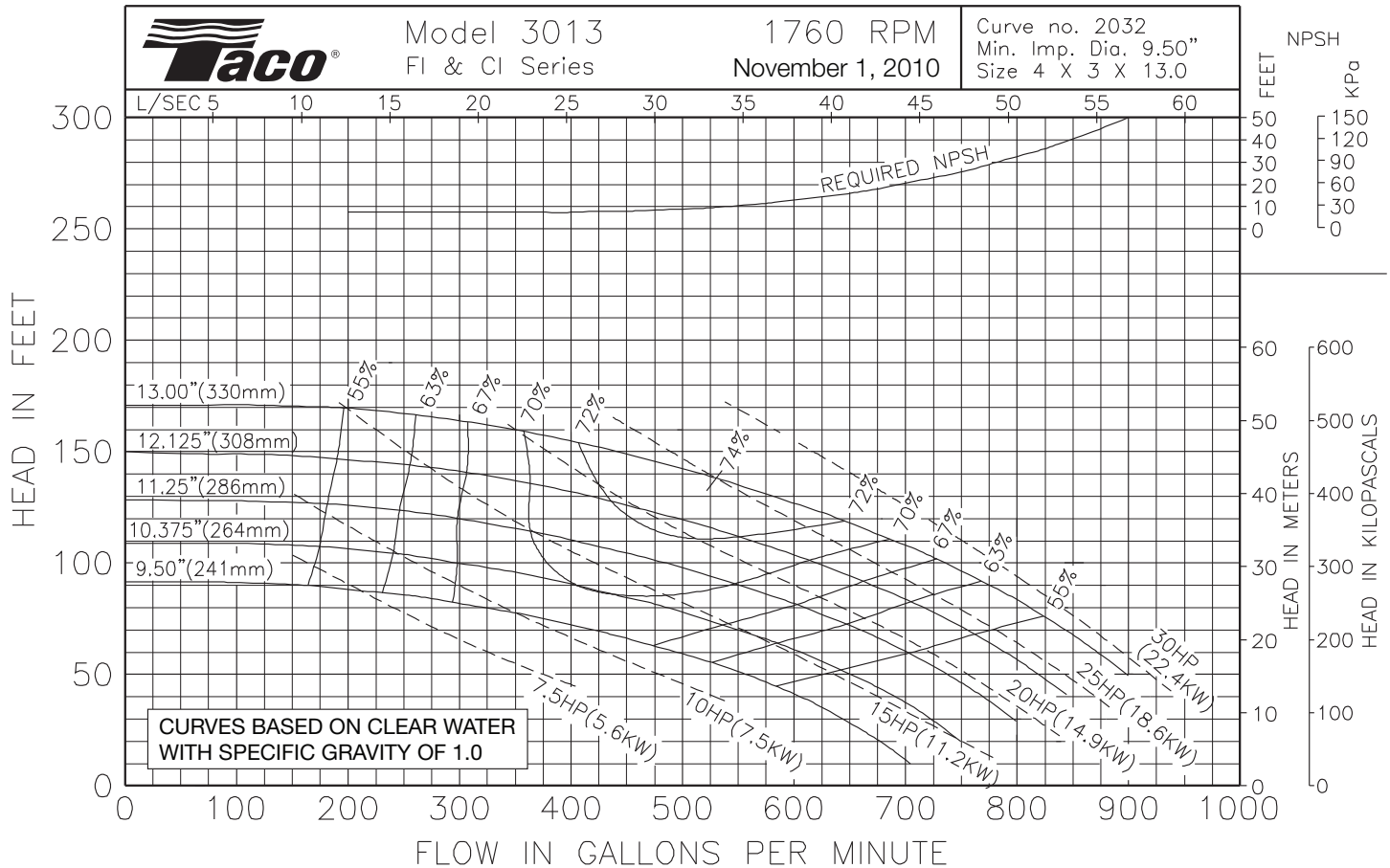
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	741 (336)
254T - 256T	823 (373)
284T - 286T	1029 (467)



Comments:

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Submittal Data Information

FI Series Pumps

301-1419

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

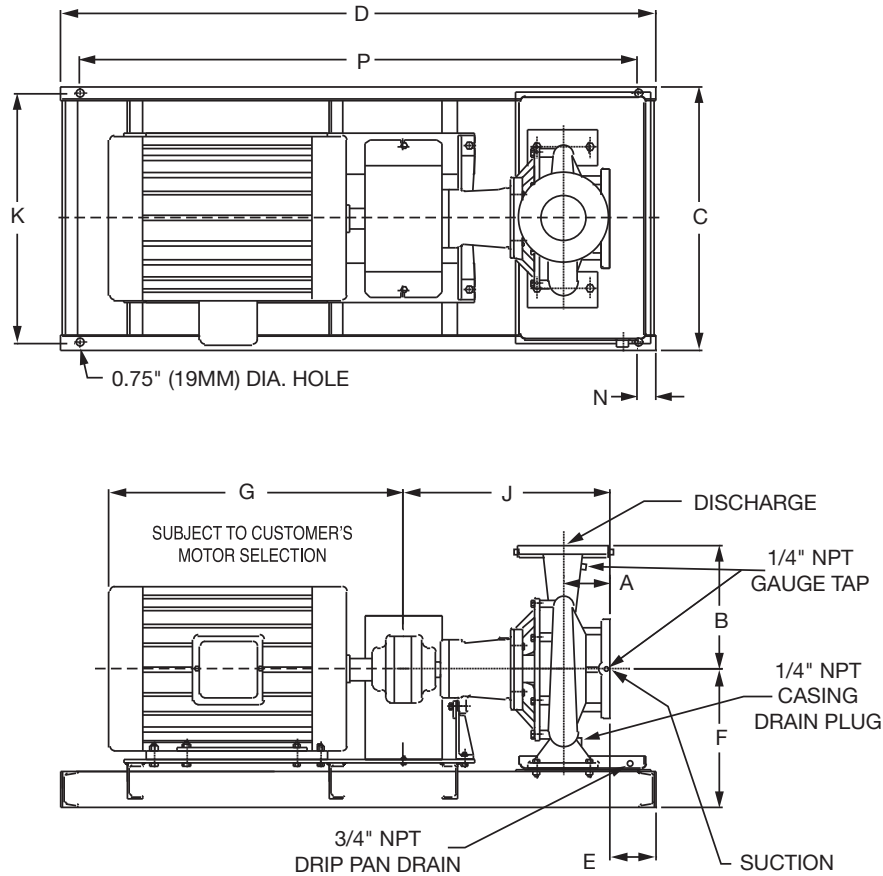
1760 RPM MODEL 4007

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4007 5 x 4 (127 x 102)	182T	3	5.56 (141)	6.00 (152)	10.50 (267)	10.81 (275)	19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)	12.19 (310)	15.38 (391)	25.10 (638)	25.54 (648)	17.67 (449)	2.00 (51)	39.0 (991)
	184T	5					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		16.56 (421)			17.67 (449)		39.0 (991)
	213T	7.5					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		17.94 (456)			17.67 (449)		39.0 (991)
	215T	10					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		18.19 (462)			17.67 (449)		39.0 (991)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

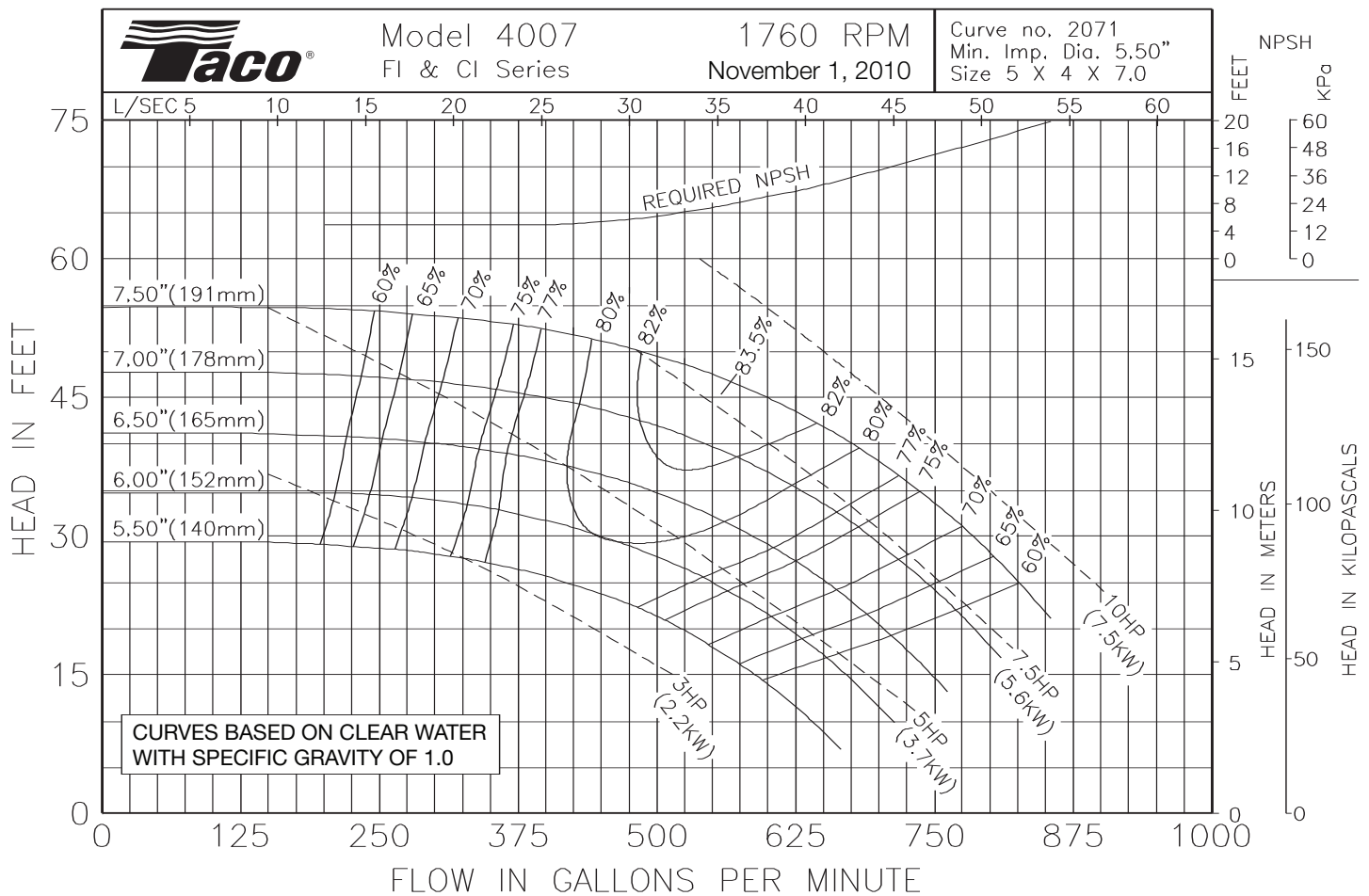
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	443 (201)
213T - 215T	533 (242)



Comments:

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Submittal Data Information

FI Series Pumps

301-1483

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

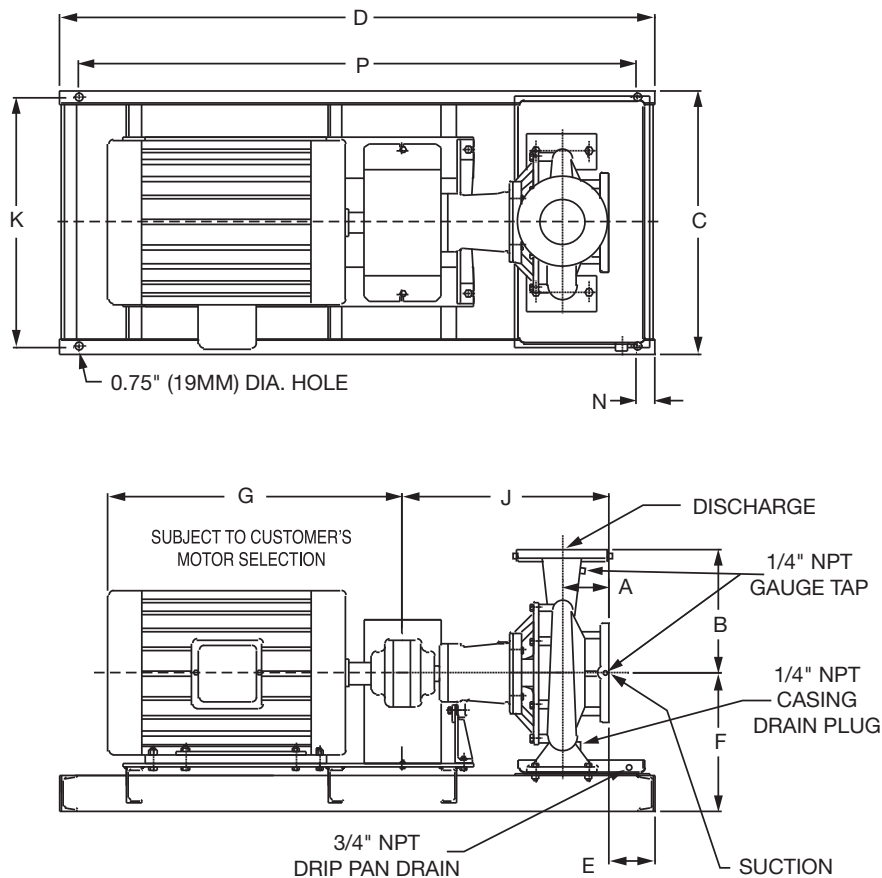
1760 RPM MODEL 4009

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4009 5 x 4 (127 x 102)	215T	10	5.31 (135)	5.75 (146)	12.50 (317)	12.81 (325)	19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)	13.05 (331)	18.19 (462)	24.53 (623)	24.96 (634)	17.67 (449)	2.00 (51)	48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		24.94 (633)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

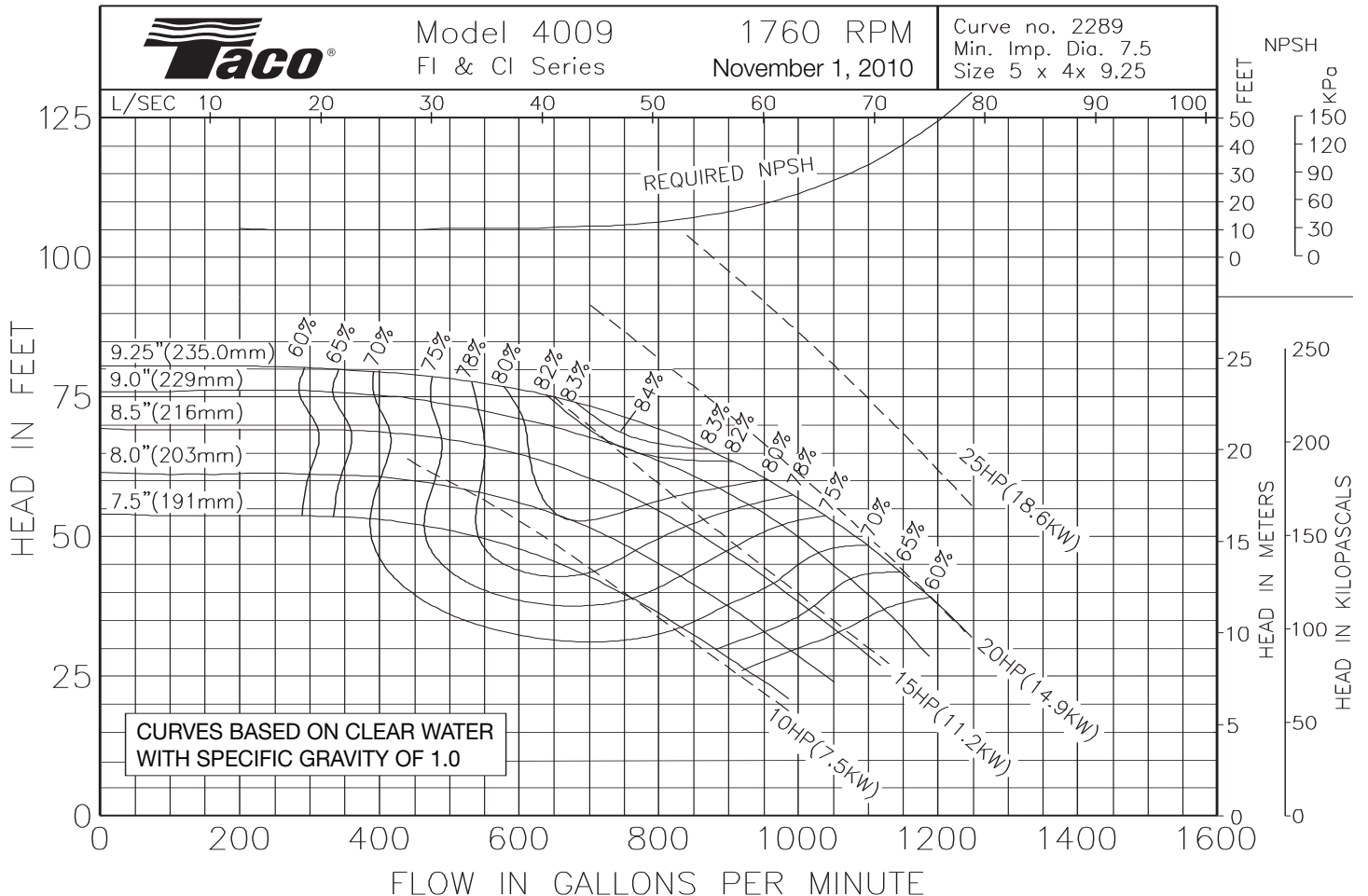
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	555 (252)
254T - 256T	637 (289)
284T - 286T	783 (355)



Comments:

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Submittal Data Information

FI Series Pumps

301-1485

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

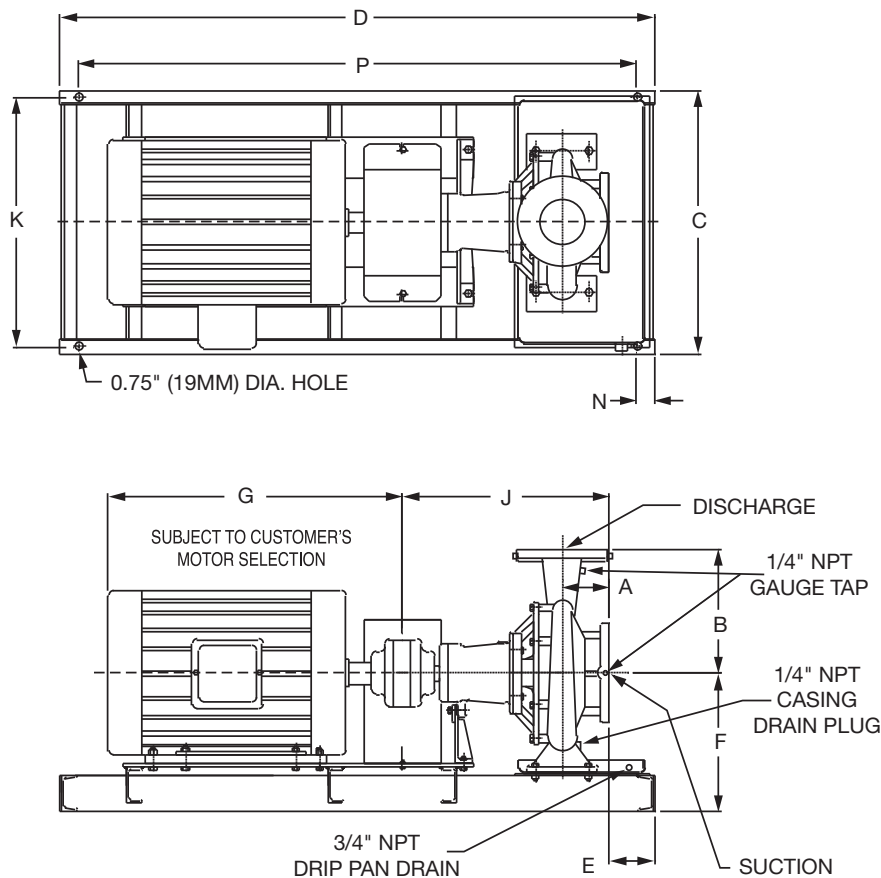
1760 RPM MODEL 4011

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4011 5 x 4 (127 x 102)	254T	15	5.31 (135)	5.75 (146)	14.00 (356)	14.31 (363)	19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)	14.03 (356)	21.69 (551)	24.24 (616)	24.68 (627)	17.67 (449)	2.00 (51)	48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		24.94 (633)			17.67 (449)		48.0 (1219)
	286T	30					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		25.06 (637)			17.67 (449)		48.0 (1219)
	324T	40					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		26.69 (678)			17.67 (449)		48.0 (1219)
	326T	50					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		27.69 (703)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

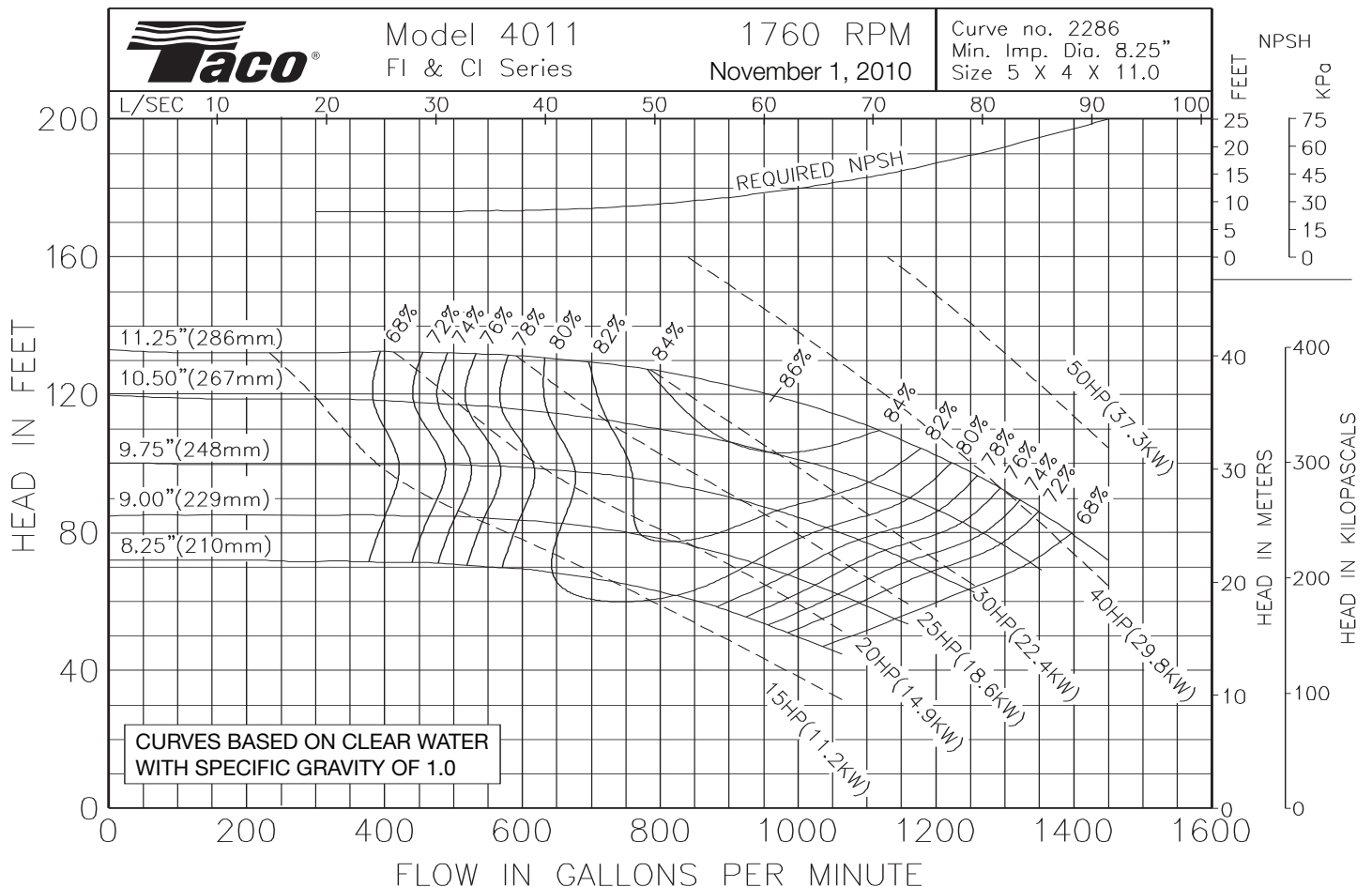
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
254T - 256T	658 (298)
284T - 286T	864 (392)
324T - 326T	1006 (456)



Comments:

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Submittal Data Information

FI Series Pumps

301-2126

EFFECTIVE: JULY 31, 2012

SUPERSEDES: NEW

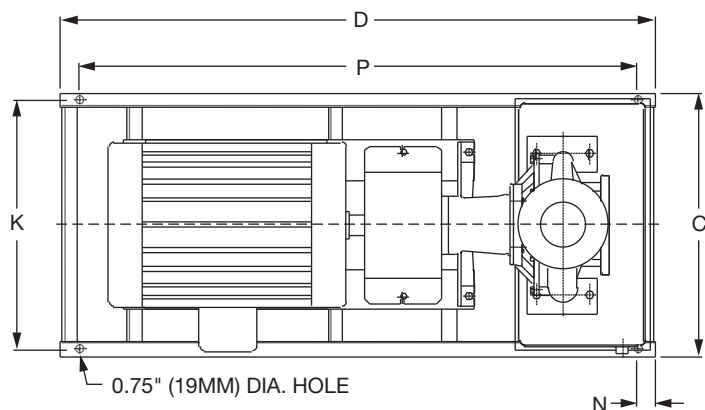
1760 RPM MODEL 4011C

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 _____



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)

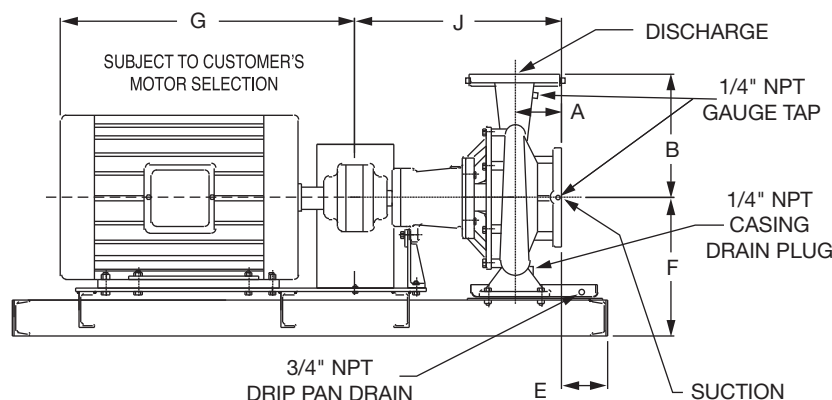
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	578 (262)
254T - 256T	658 (298)
284T - 286T	864 (392)



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4011C 5 x 4 (127 x 102)	215T	10	5.31 (135)	5.75 (146)	14.00 (356)	14.31 (363)	19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)	14.03 (356)	18.19 (462) 21.69 (551) 23.19 (589) 24.94 (633) 25.06 (637)	24.24 (616)	24.68 (627)	17.67 (449)	2.00 (51)	48.0 (1219)
	254T	15															
	256T	20															
	284T	25															
	286T	30															

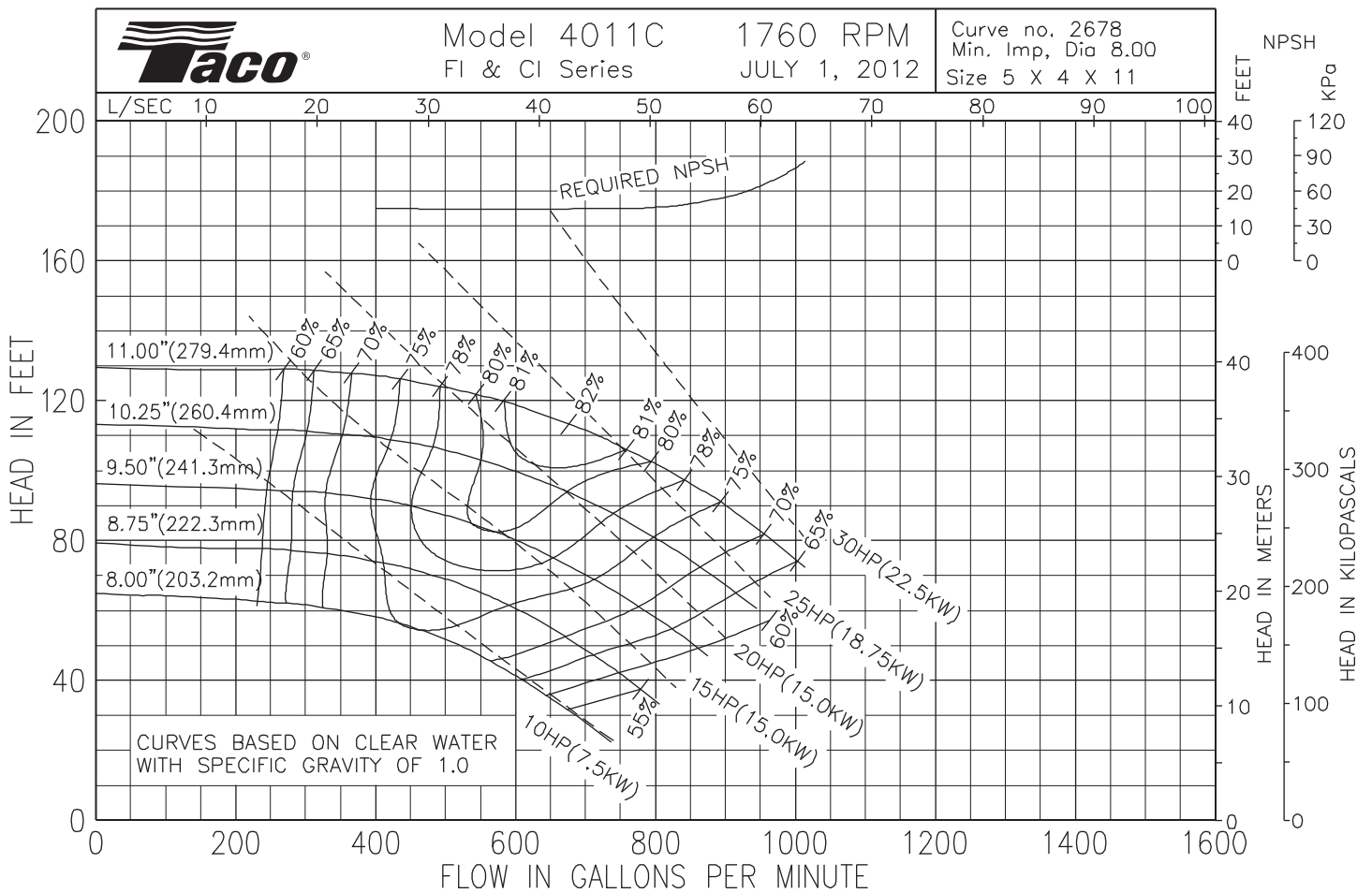
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

ITEM	BRONZE FITTED			ALL IRON		
	Standard Pump Construction		Optional	Standard Pump Construction		Optional
	125# Flange	250# Flange	125# or 250# Flange	125# Flange	250# Flange	125# or 250# Flange
Casing	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Cover	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Impeller	Bronze ASTM B584-11 C87500 0.2% Max Lead	Bronze ASTM B584-11 C87500 0.2% Max Lead	N/A	Cast Iron ASTM A48/A48M-03 Class 30A	Cast Iron ASTM A48/A48M-03 Class 30A	N/A
Wear Ring	N/A	N/A	Bronze ASTM B584-11 C89835 0.2% Max Lead	N/A	N/A	N/A
Shaft	Carbon Steel AISI 1045	Carbon Steel AISI 1045	Stainless Steel TYPE 416"™ or 410"™ ASTM A582	Carbon Steel AISI 1045	Carbon Steel AISI 1045	Stainless Steel TYPE 416"™ or 410"™ ASTM A582
Shaft Sleeve	Bronze ASTM B584-11 C92200 0.2% Max Lead	Bronze ASTM B584-11 C92200 0.2% Max Lead	Stainless Steel TYPE 303 ASTM A276	Stainless Steel TYPE 303 ASTM A276	Stainless Steel TYPE 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	Ceramic/EPT	CF	Ceramic/EPT	Ceramic/EPT	CF
Seal Flush Line	N/A	N/A	Copper	N/A	N/A	Stainless Steel

CF - Consult Factory

N/A - Not Available



Comments:

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Submittal Data Information

FI Series Pumps

301-1487

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

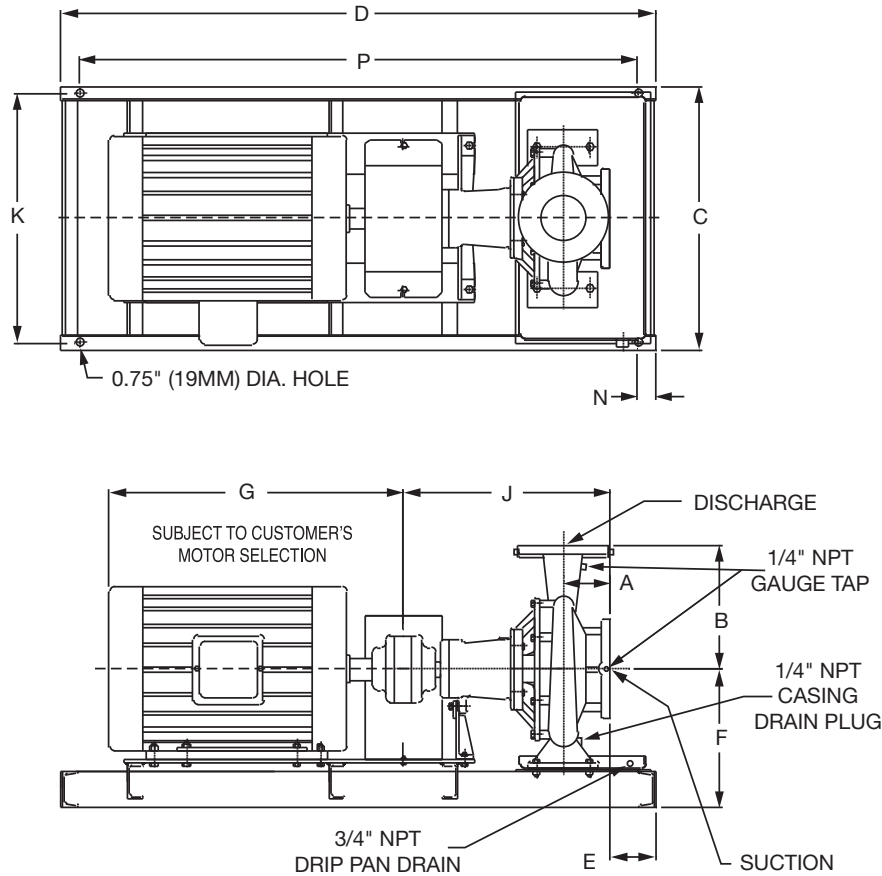
1760 RPM MODEL 4013

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4013 5 x 4 (127 x 102)	213T	7.5	6.10 (155)	6.54 (166)	14.00 (356)	14.44 (367)	19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)	14.03 (356)	17.94 (456)	25.14 (639)	25.58 (650)	17.67 (449)	2.00 (51)	48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		24.94 (633)			17.67 (449)		48.0 (1219)
	286T	30					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		25.06 (637)			17.67 (449)		48.0 (1219)
	324T	40					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		26.69 (678)			17.67 (449)		48.0 (1219)
	326T	50					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		27.69 (703)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

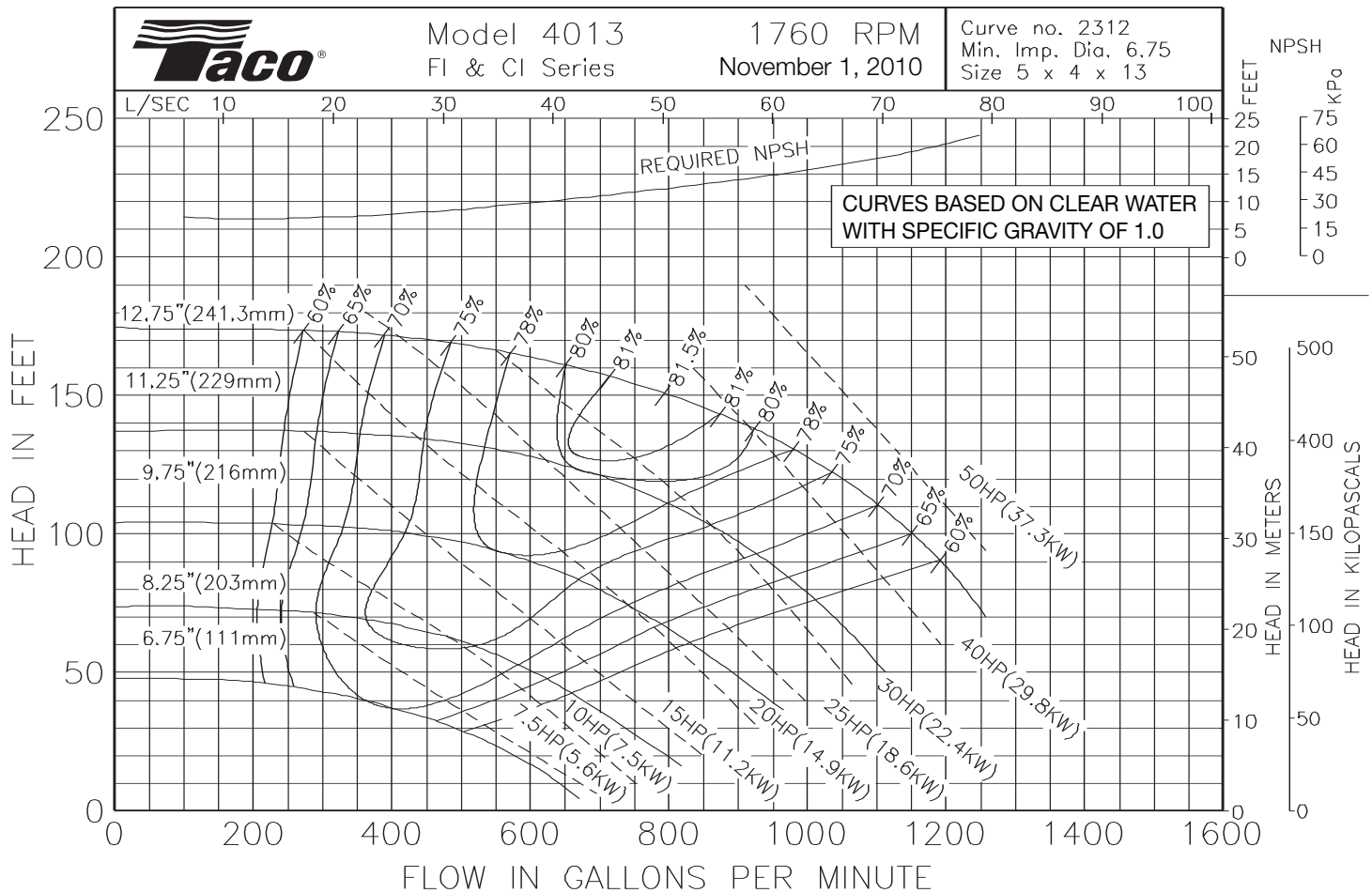
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	662 (300)
254T - 256T	744 (337)
284T - 286T	950 (431)
324T - 326T	1092 (495)



Comments: _____

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Submittal Data Information

FI Series Pumps

301-1452

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

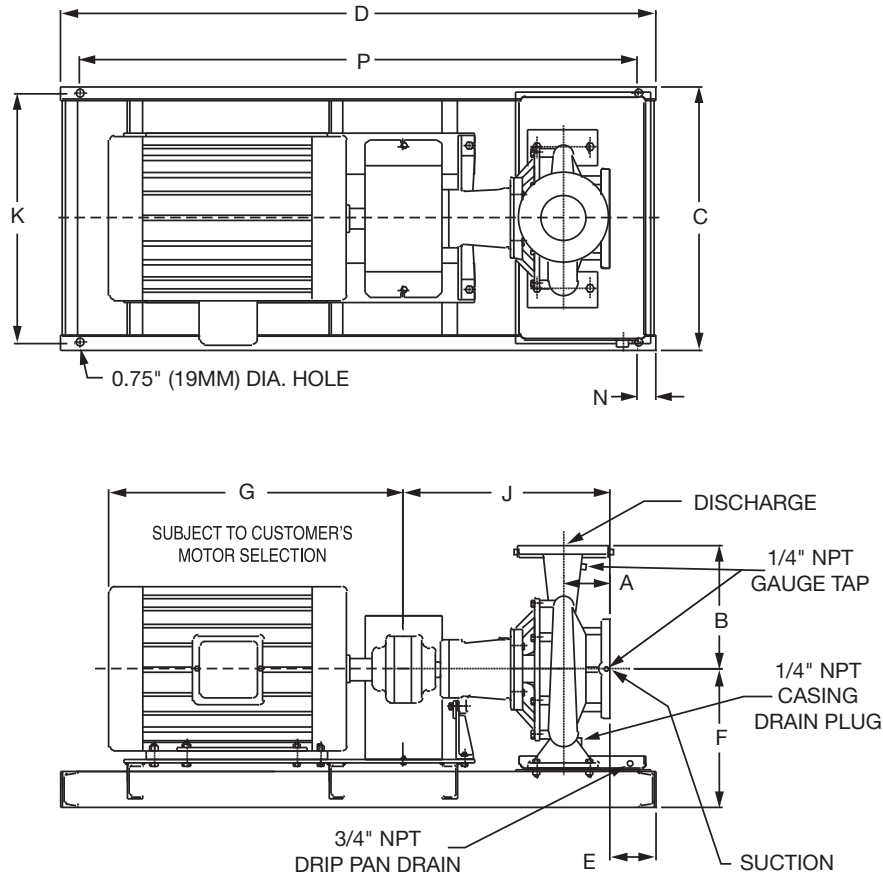
1760 RPM MODEL 4075

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4075 5 x 4 (127 x 102)	182T	3	4.72 (120)	5.16 (131)	10.81 (275)	11.12 (267)	16.17 (411)	41.5 (1054)	0.94 (24)	0.50 (13)	11.40 (290)	15.38 (391)	24.34 (618)	24.77 (629)	14.67 (373)	2.00 (51)	37.5 (923)
	184T	5					16.17 (411)	41.5 (1054)	0.94 (24)	0.50 (13)		16.56 (421)			14.67 (373)		37.5 (923)
	213T	7.5					16.17 (411)	41.5 (1054)	0.94 (24)	0.50 (13)		17.94 (456)			14.67 (373)		37.5 (923)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

N/A - Not Available

	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 250 Dim.

Motor Frame	Weight Lbs (Kg)
182T - 184T	459 (208)
213T - 215T	521 (236)



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Submittal Data Information

FI Series Pumps

301-1455

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

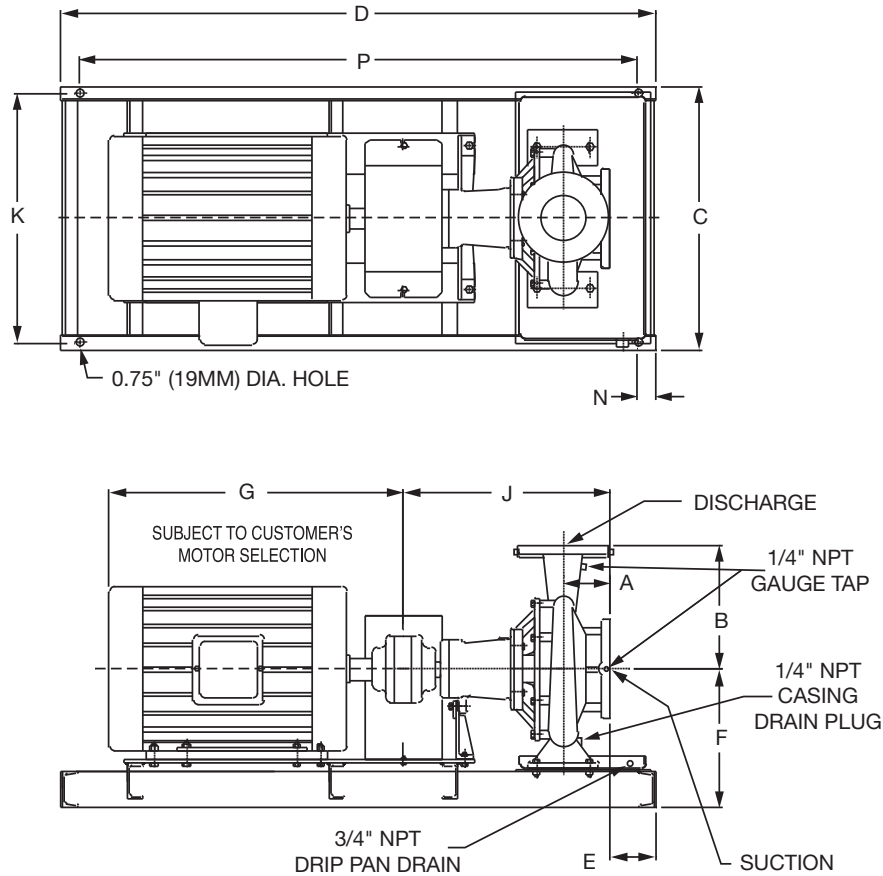
1760 RPM MODEL 5007

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
5007 6 x 5 (152 x 127)	184T	5	5.31 (135)	5.75 (146)	11.00 (279)	11.44 (291)	19.17 (487)	43.0 (1092)	0.93 (24)	0.49 (12)	12.19 (310)	16.56 (421)	25.05 (636)	25.49 (647)	17.67 (449)	2.00 (51)	39.0 (991)
	213T	7.5					19.17 (487)	43.0 (1092)	0.93 (24)	0.49 (12)		17.94 (456)			17.67 (449)		39.0 (991)
	215T	10					19.17 (487)	43.0 (1092)	0.93 (24)	0.49 (12)		18.19 (462)			17.67 (449)		39.0 (991)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

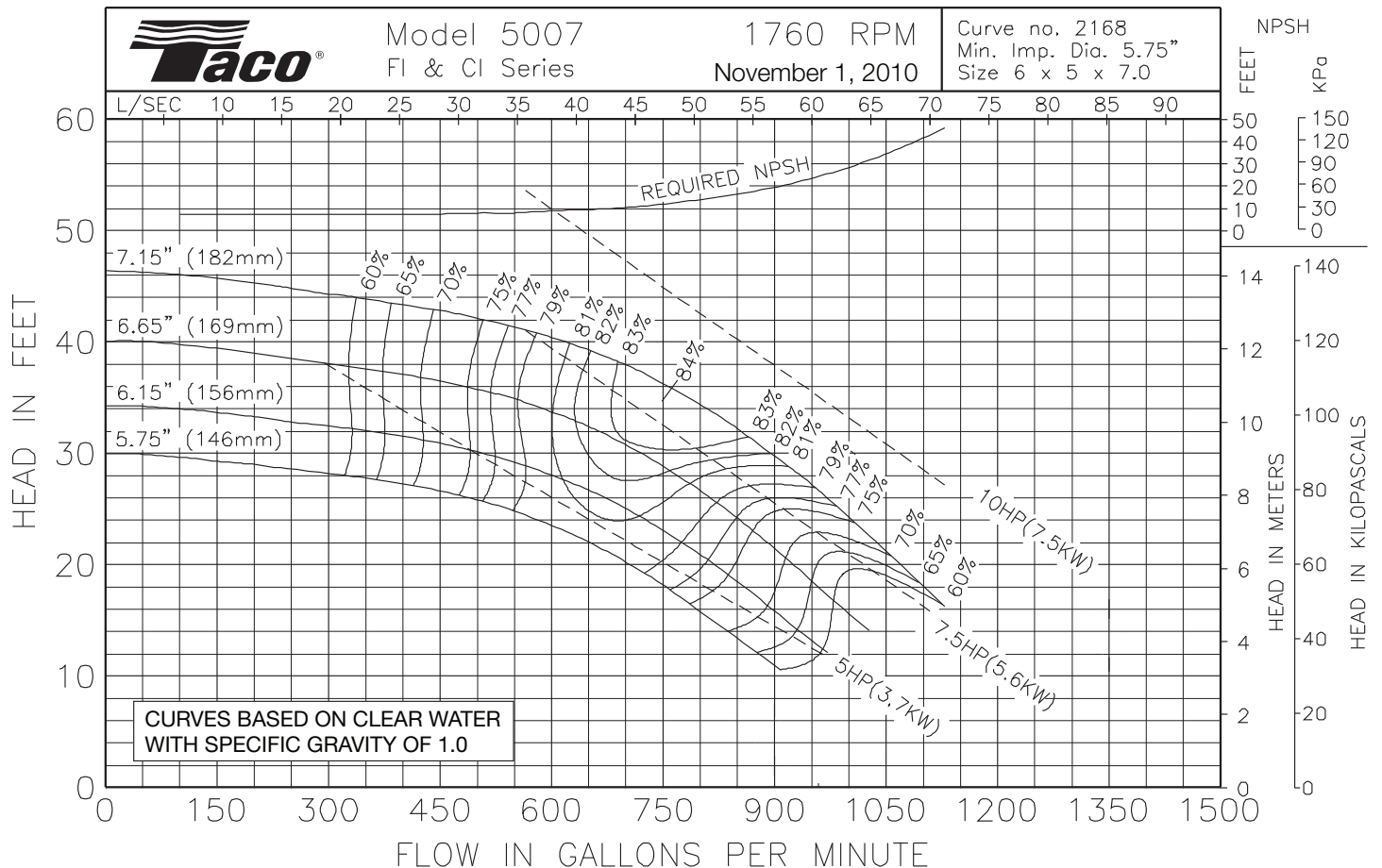
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	499 (226)
213T - 215T	589 (267)



Comments: _____

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Submittal Data Information

FI Series Pumps

301-1431

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

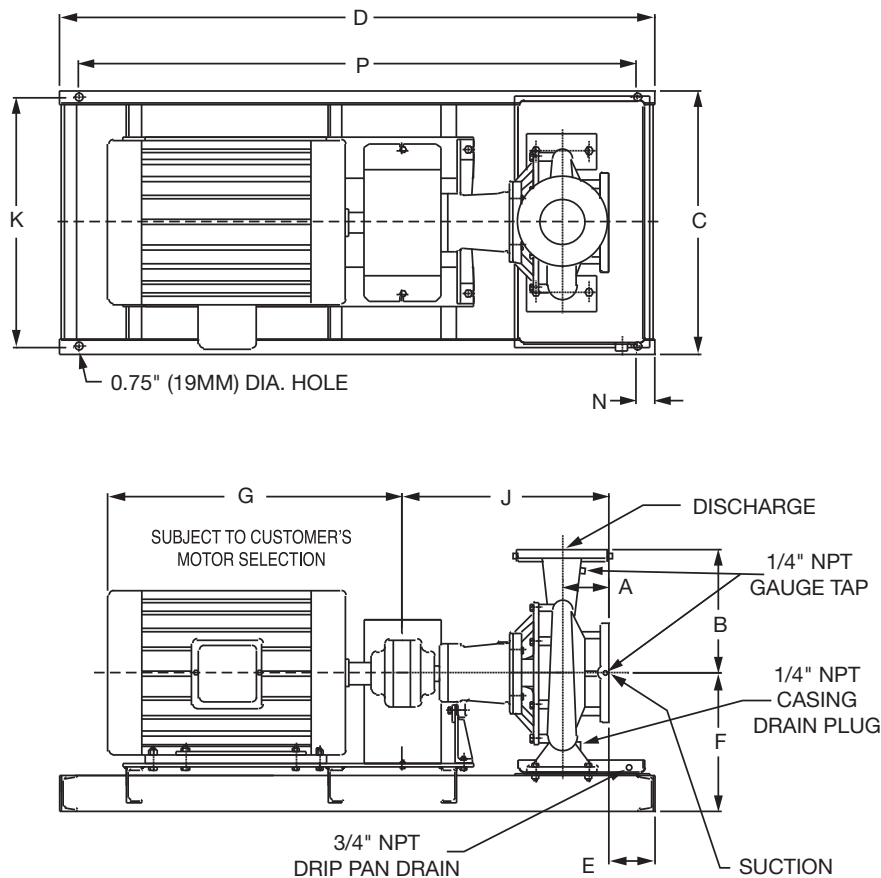
1760 RPM MODEL 5009

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
5009 6 x 5 (152 x 127)	184T	5	5.31 (135)	5.75 (146)	14.00 (356)	14.44 (367)	19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)	13.17 (335)	16.56 (421)	24.27 (616)	24.71 (628)	17.67 (449)	2.00 (50)	48.0 (1219)
	213T	7.5					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		23.19 (589)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

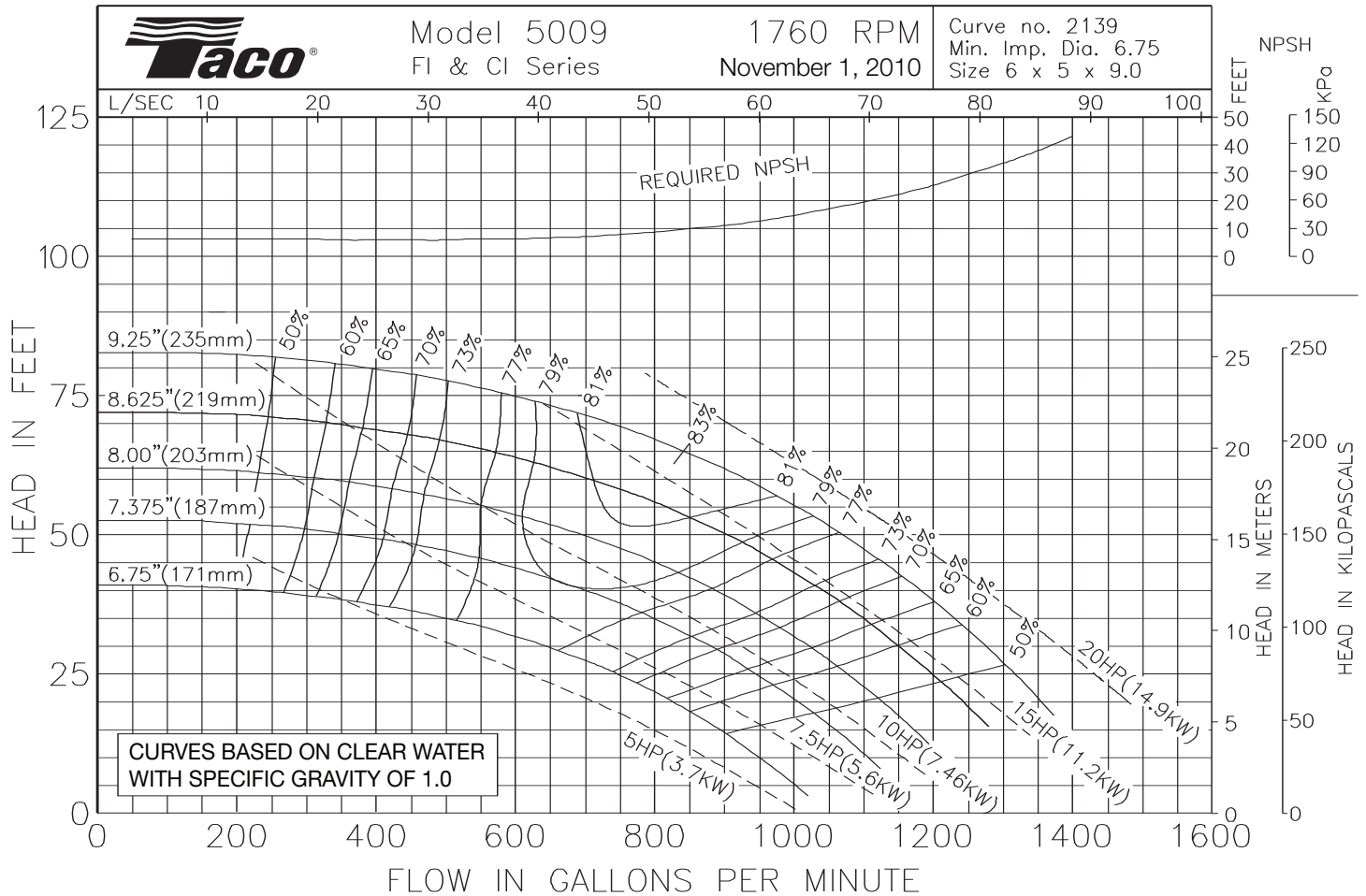
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
182T - 184T	514 (233)
213T - 215T	604 (274)
254T - 256T	686 (311)



Comments:

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Submittal Data Information

FI Series Pumps

301-1440

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

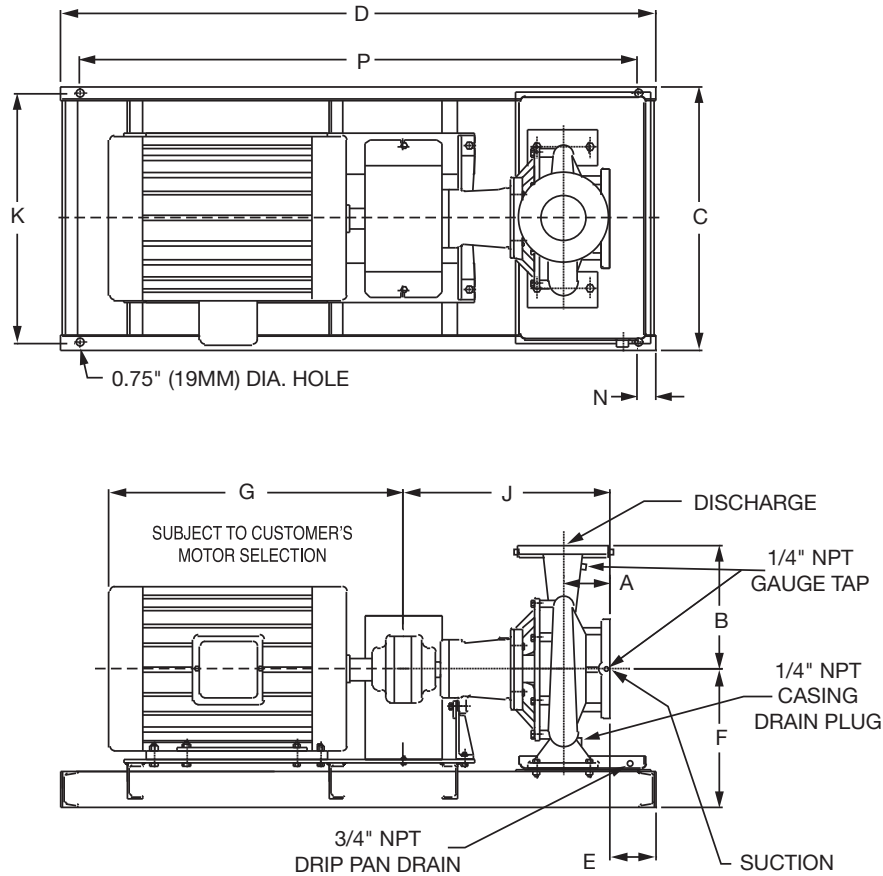
1760 RPM MODEL 5011

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
5011 6 x 5 (152 x 127)	215T	10	5.31 (135)	5.75 (146)	15.00 (381)	15.44 (392)	25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)	15.33 (389)	18.19 (462)	24.32 (618)	24.76 (629)	23.67 (601)	2.00 (50)	49.0 (1245)
	254T	15					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		21.69 (551)			23.67 (601)		49.0 (1245)
	256T	20					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		23.19 (589)			23.67 (601)		49.0 (1245)
	284T	25					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		24.94 (633)			23.67 (601)		49.0 (1245)
	286T	30					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		25.06 (637)			23.67 (601)		49.0 (1245)
	324T	40					23.17 (589)	55.0 (1397)	1.56 (40)	1.12 (29)		26.69 (678)			21.67 (550)		51.0 (1295)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

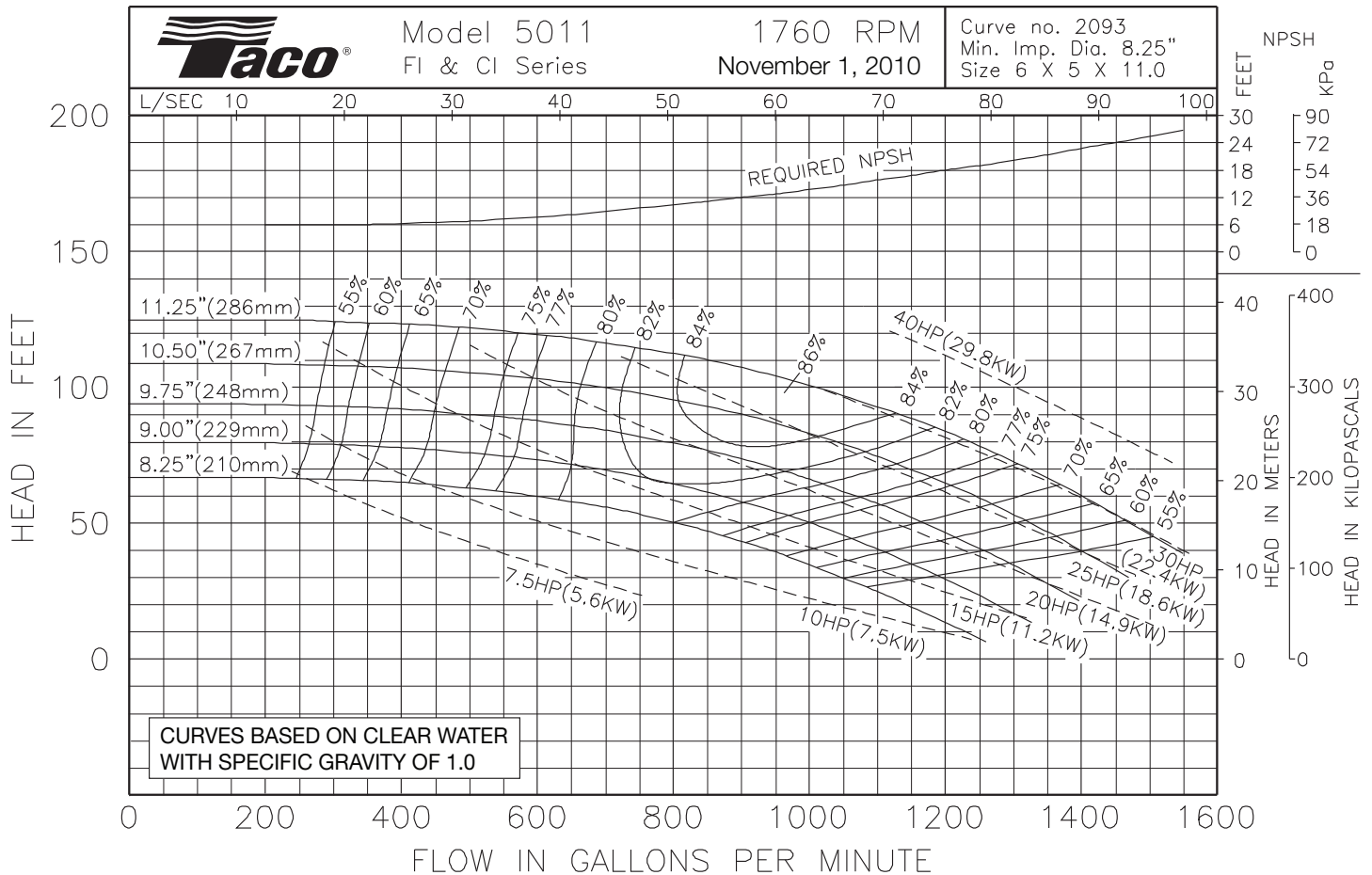
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	698 (317)
254T - 256T	780 (354)
284T - 286T	986 (447)
324T - 326T	1072 (486)



Comments: _____

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Submittal Data Information

FI Series Pumps

301-1448

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

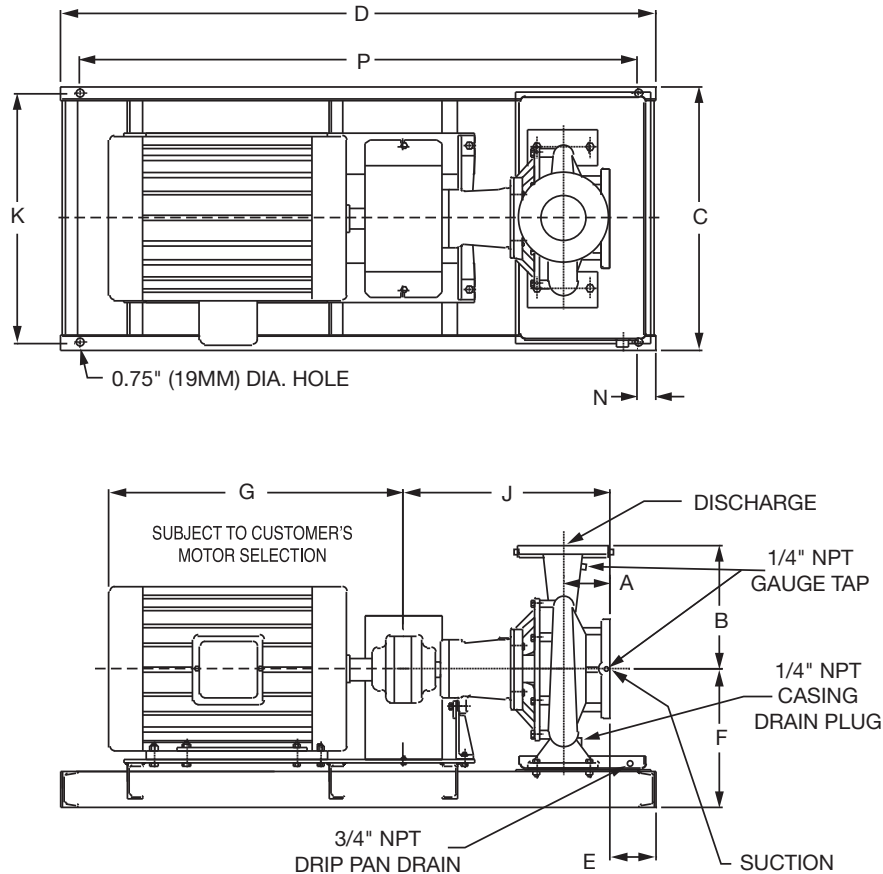
1760 RPM MODEL 5013

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
5013 6 x 5 (152 x 127)	256T	20	5.31 (135)	5.75 (146)	16.00 (406)	16.44 (418)	25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)	15.33 (389)	23.19 (589)	25.84 (656)	26.28 (668)	23.67 (601)	2.00 (50)	49.0 (1245)
	284T	25					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		24.94 (633)			23.67 (601)		49.0 (1245)
	286T	30					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		25.06 (637)			23.67 (601)		49.0 (1245)
	324T	40					23.17 (589)	55.0 (1397)	1.56 (40)	1.12 (29)		26.69 (678)			21.67 (550)		51.0 (1295)
	326T	50					23.17 (589)	55.0 (1397)	1.56 (40)	1.12 (29)		27.69 (703)			21.67 (550)		51.0 (1295)
	364T	60					23.17 (589)	55.0 (1397)	1.56 (40)	1.12 (29)		29.69 (754)			21.67 (550)		51.0 (1295)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

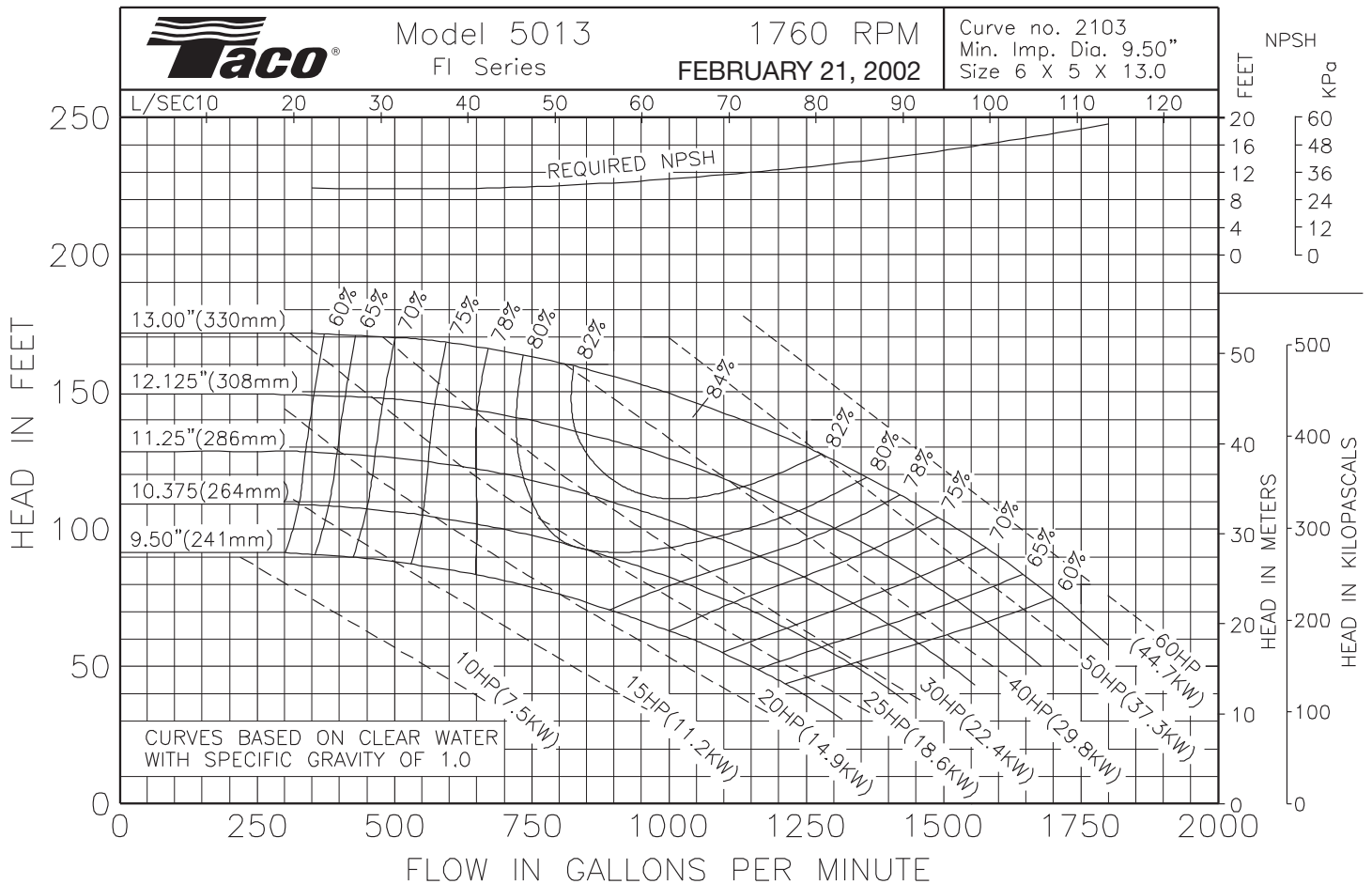
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
254T - 256T	867 (393)
284T - 286T	1073 (487)
324T - 326T	1215 (551)
364T - 365T	1389 (630)



Comments:

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Submittal Data Information

FI Series Pumps

301-1458

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

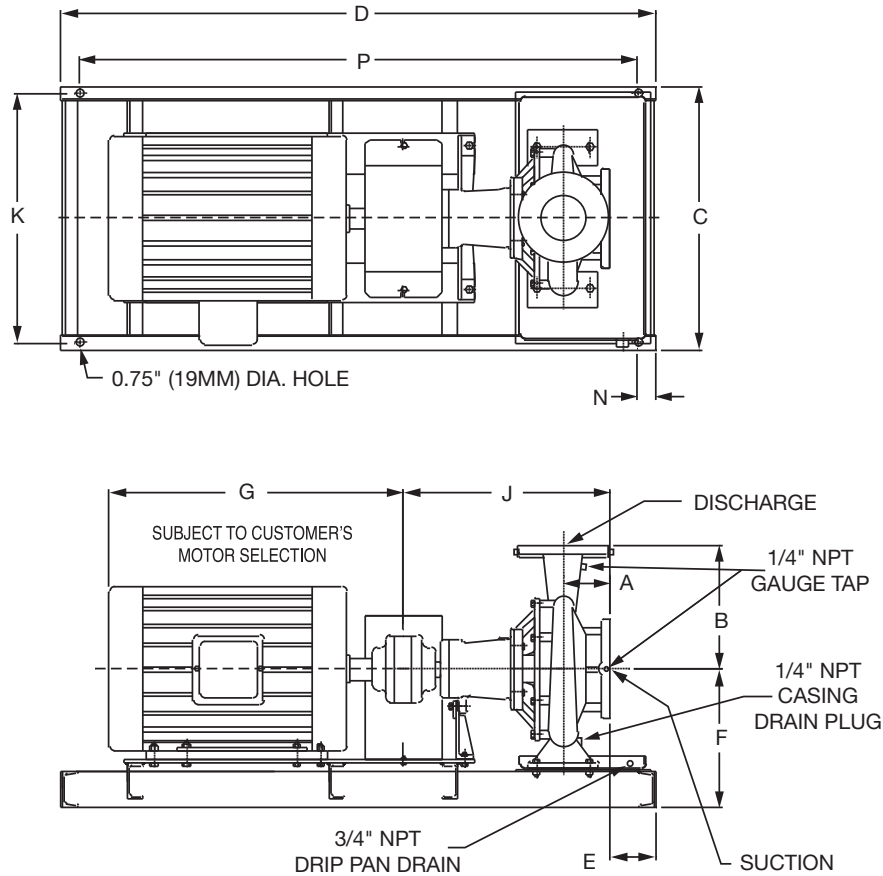
1760 RPM MODEL 5095

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
5095 6 x 5 (152 x 127)	213T	7.5	5.31 (135)	5.75 (146)	11.00 (279)	11.44 (291)	19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)	13.17 (335)	17.94 (456)	24.35 (618)	24.79 (630)	17.67 (449)	2.00 (51)	48.0 (1219)
	215T	10					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	15					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		24.94 (633)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
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MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

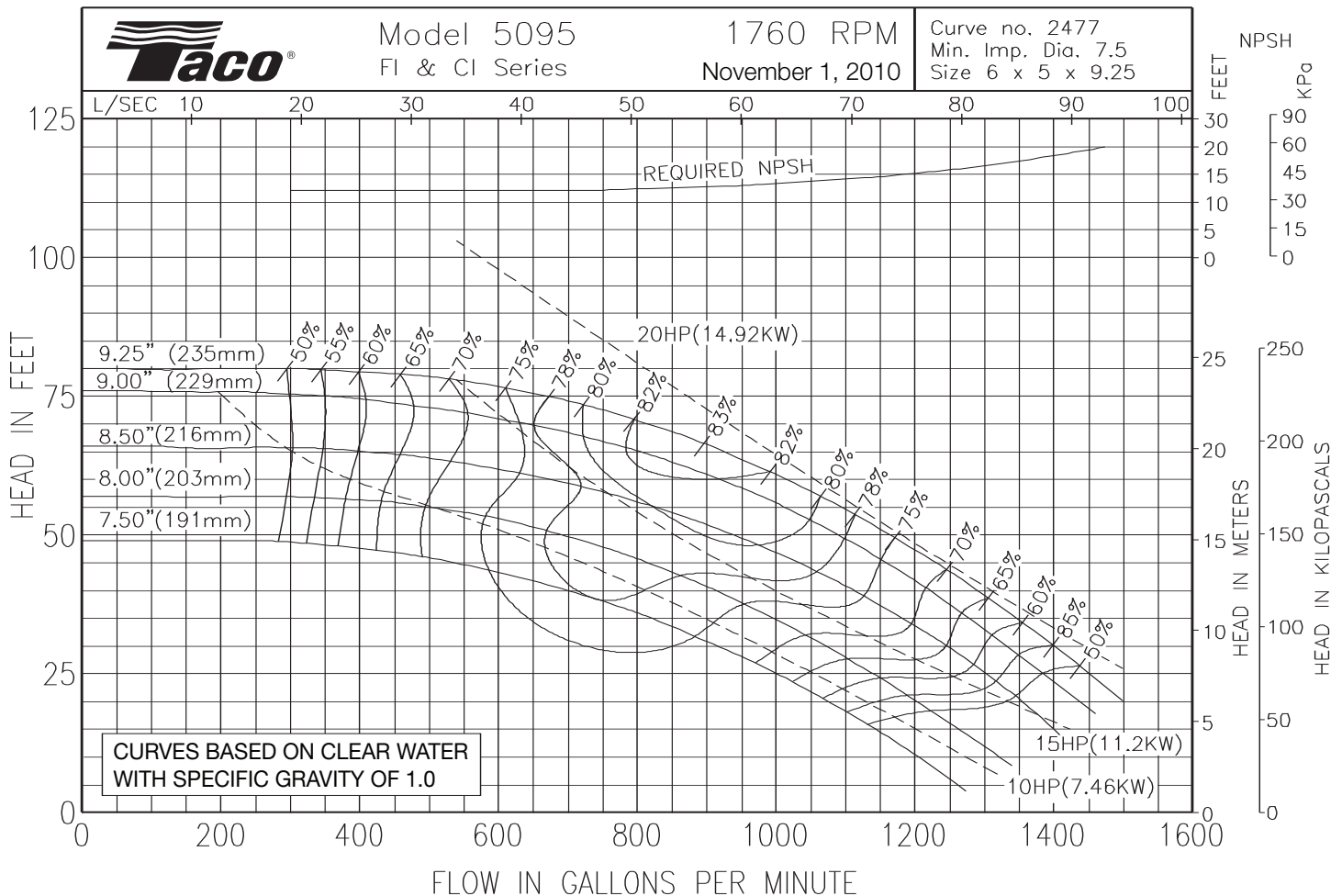
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
213T - 215T	629 (285)
254T - 256T	711 (323)
284T - 286T	857 (389)



Comments:

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Submittal Data Information

FI Series Pumps

301-1726

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

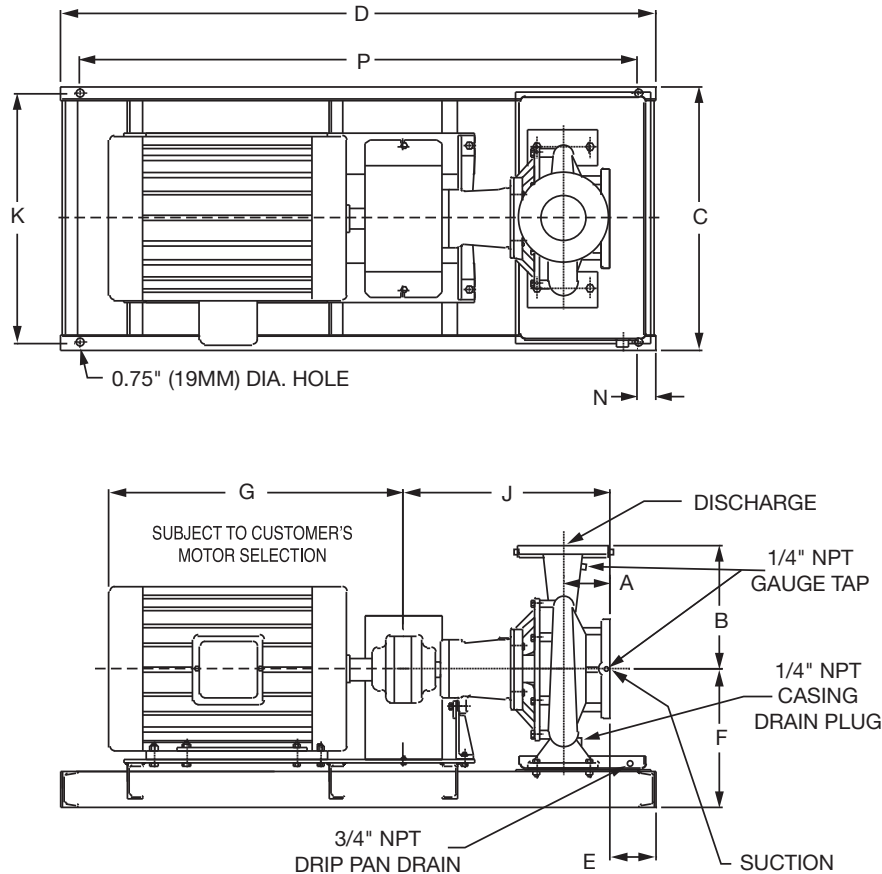
1760 RPM MODEL 6009B

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
6009B 8 x 6 (203 x 152)	254T	15	6.10 (155)	6.60 (168)	14.00 (356)	14.44 (367)	19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)	14.15 (359)	21.69 (551)	25.76 (654)	26.26 (667)	17.67 (449)	2.00 (51)	48.0 (1219)
	256T	20					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	25					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		24.94 (633)			17.67 (449)		48.0 (1219)
	286T	30					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		25.06 (637)			17.67 (449)		48.0 (1219)
	324T	40					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		26.69 (678)			17.67 (449)		48.0 (1219)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

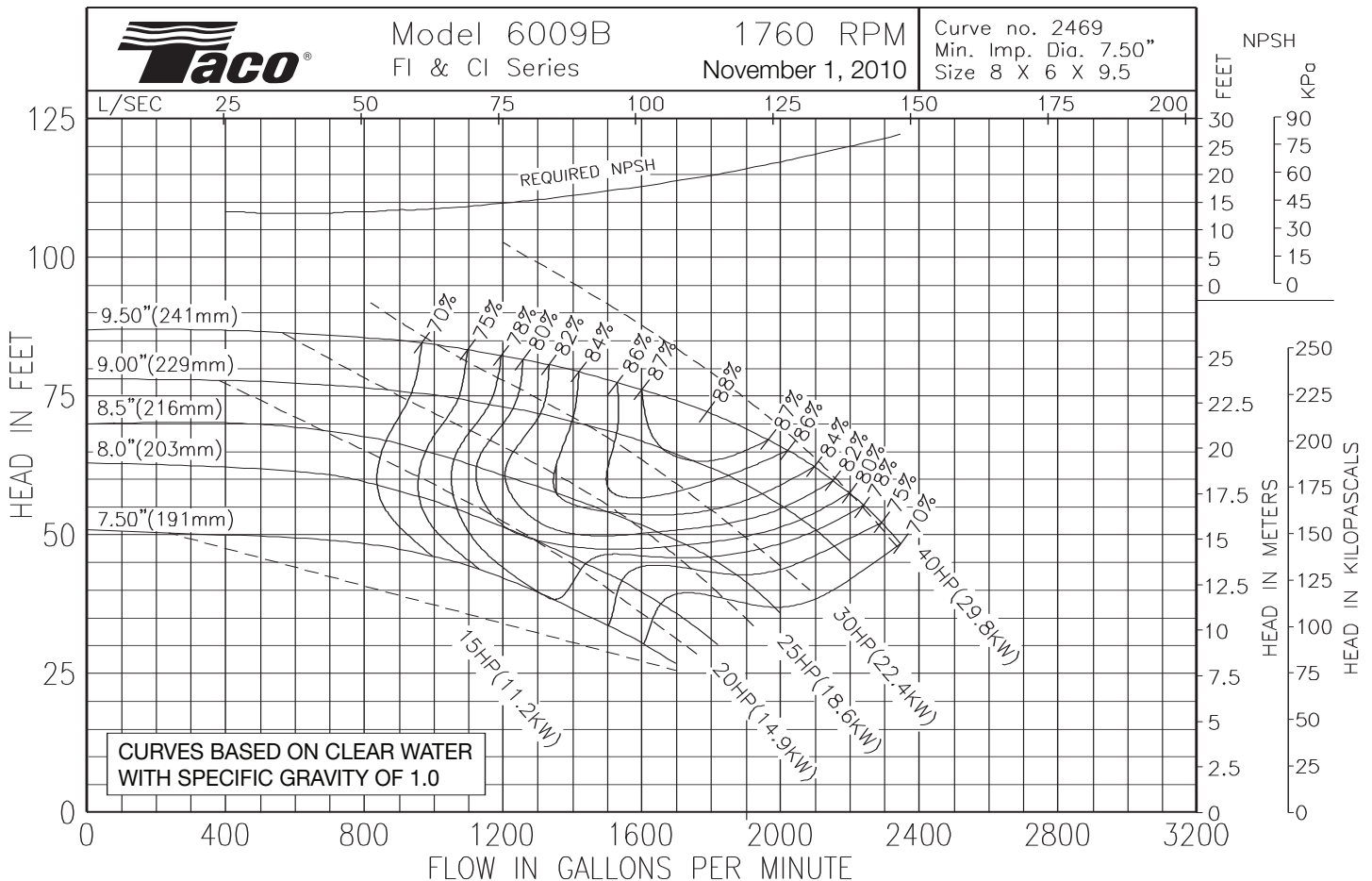
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
254T - 256T	811 (368)
284T - 286T	1017 (461)
324T - 326T	1103 (500)



Comments:

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Submittal Data Information

FI Series Pumps

301-1442

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

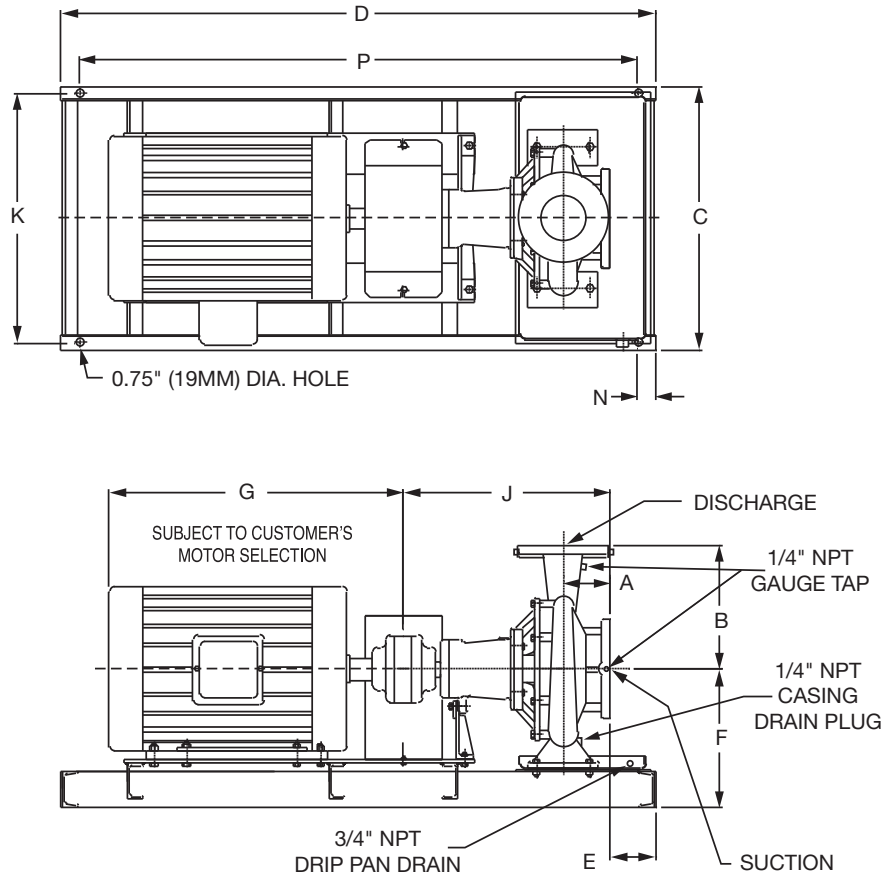
1760 RPM MODEL 6011

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
6011 8 x 6 (203 x 152)	256T	20	6.10 (155)	6.60 (168)	15.00 (381)	15.44 (392)	25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)	16.71 (424)	23.19 (589)	25.61 (650)	26.11 (663)	23.67 (601)	2.00 (50)	49.0 (1245)
	284T	25					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		24.94 (633)			23.67 (601)		49.0 (1245)
	286T	30					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		25.06 (637)			23.67 (601)		49.0 (1245)
	324T	40					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		26.69 (678)			23.67 (601)		49.0 (1245)
	326T	50					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		27.69 (703)			23.67 (601)		49.0 (1245)
	364T	60					25.17 (639)	64.0 (1626)	1.63 (41)	1.13 (29)		29.69 (754)			23.67 (601)		60.0 (1524)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/EPT	CF	Ceramic/EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

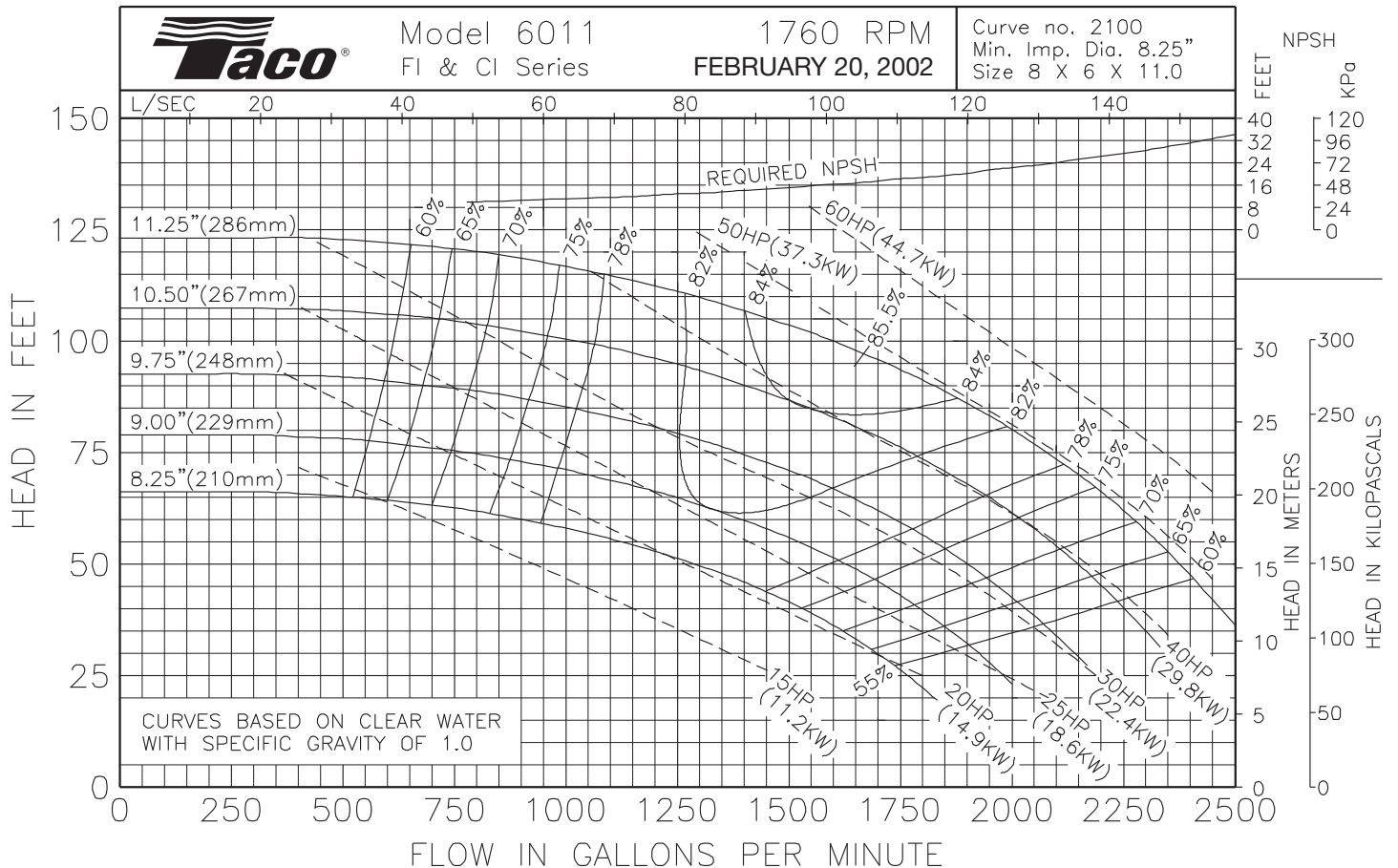
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
254T - 256T	944 (428)
284T - 286T	1150 (522)
324T - 326T	1292 (586)
364T - 365T	1466 (665)



Comments:

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Submittal Data Information

FI Series Pumps

301-1450

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

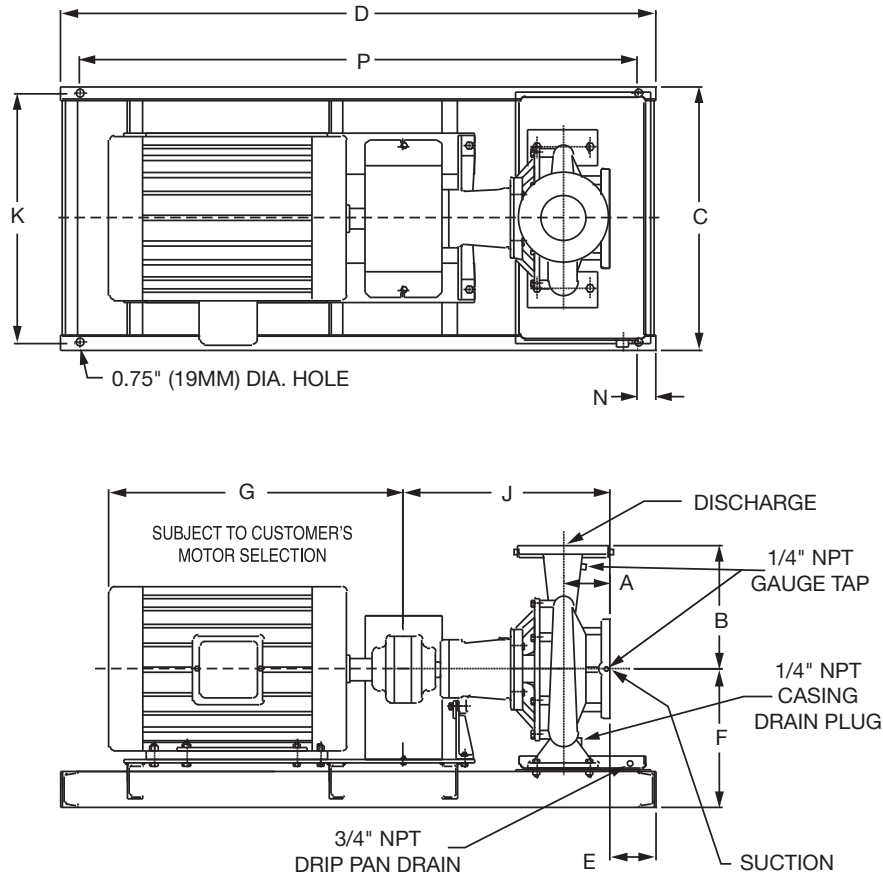
1760 RPM MODEL 6013

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
6013 8 x 6 (203 x 152)	286T	30	6.10 (155)	6.60 (168)	17.00 (432)	17.44 (443)	25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)	16.71 (424)	25.06 (637)	26.87 (682)	27.37 (695)	23.67 (601)	2.00 (50)	49.0 (1245)
	324T	40					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		26.69 (678)			23.67 (601)		49.0 (1245)
	326T	50					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		27.69 (703)			23.67 (601)		49.0 (1245)
	364T	60					25.17 (639)	64.0 (1626)	1.63 (41)	1.13 (29)		29.69 (754)			23.67 (601)		60.0 (1524)
	365T	75					25.17 (639)	64.0 (1626)	1.63 (41)	1.13 (29)		29.69 (754)			23.67 (601)		60.0 (1524)
	405T	100					25.17 (639)	64.0 (1626)	1.63 (41)	1.13 (29)		34.00 (864)			23.67 (601)		60.0 (1524)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

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)

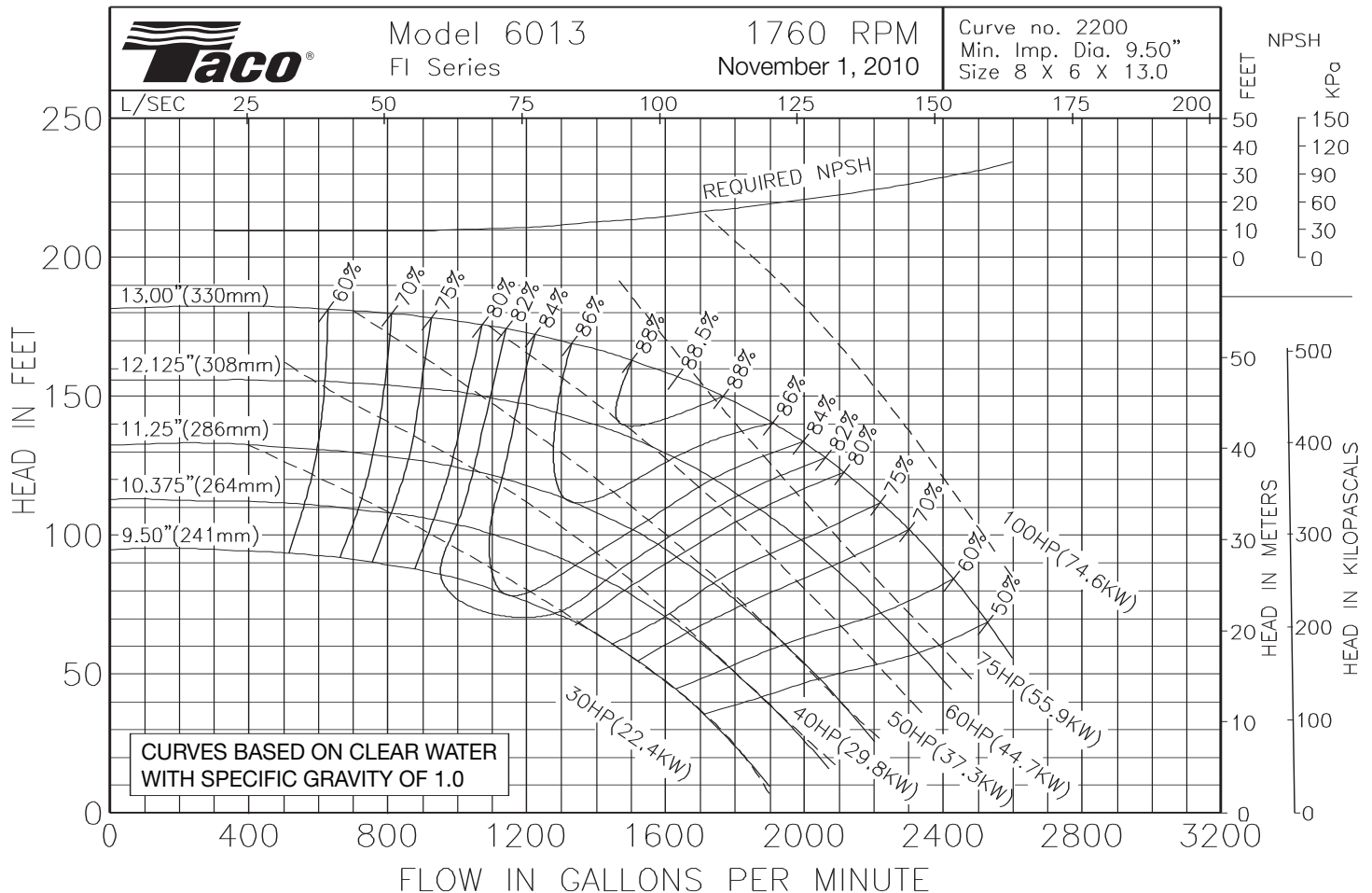
Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
284T - 286T	1271 (577)
324T - 326T	1413 (641)
364T - 365T	1658 (752)
404T - 405T	1966 (892)



Comments:

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Submittal Data InformationFI Series Pumps

301-1489

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

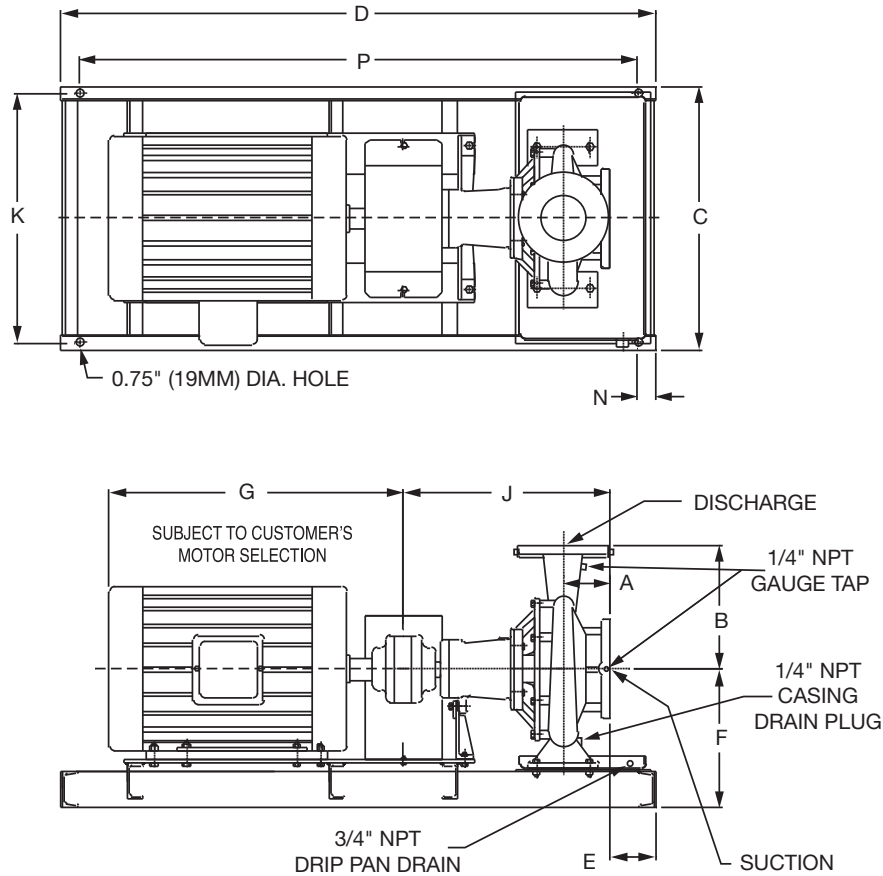
1760 RPM MODEL 8013

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
8013 10 x 8 (254 x 203)	324T	40	10.00 (254)	10.69 (271)	19.00 (483)	19.50 (495)	25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)	16.59 (421)	26.69 (678)	31.65 (804)	32.33 (821)	23.67 (601)	2.00 (51)	56.0 (1422)
	326T	50					25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)		27.69 (703)			23.67 (601)		56.0 (1422)
	364T	60					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		29.69 (754)			23.67 (601)		70.0 (1778)
	365T	75					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		29.69 (754)			23.67 (601)		70.0 (1778)
	405T	100					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		34.00 (864)			23.67 (601)		70.0 (1778)
	444T	125					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		44.30 (1125)			23.67 (601)		70.0 (1778)
	445T	150					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		44.30 (1125)			23.67 (601)		70.0 (1778)
	447T	200					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		47.74 (1213)			23.67 (601)		70.0 (1778)

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

Item	BRONZE FITTED		ALL IRON	
	Std. Pump Constr.	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	N/A	Cast Iron ASTM A48 Class 30A	N/A
Wear Ring	N/A	Bronze ASTM B584-932 SAE660	N/A	N/A
Shaft	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582	Carbon Steel AISI 1045	St. Steel AISI 416 ASTM A582
Shaft Sleeve	Bronze ASTM B584-932 SAE660	St. Steel AISI 303 ASTM A276	St. Steel AISI 303 ASTM A276	N/A
Mech. Seal	Ceramic/ EPT	CF	Ceramic/ EPT	CF
Seal Flush Line	N/A	Copper	N/A	Stainless Steel

N/A - Not Available

OPERATING SPECIFICATIONS

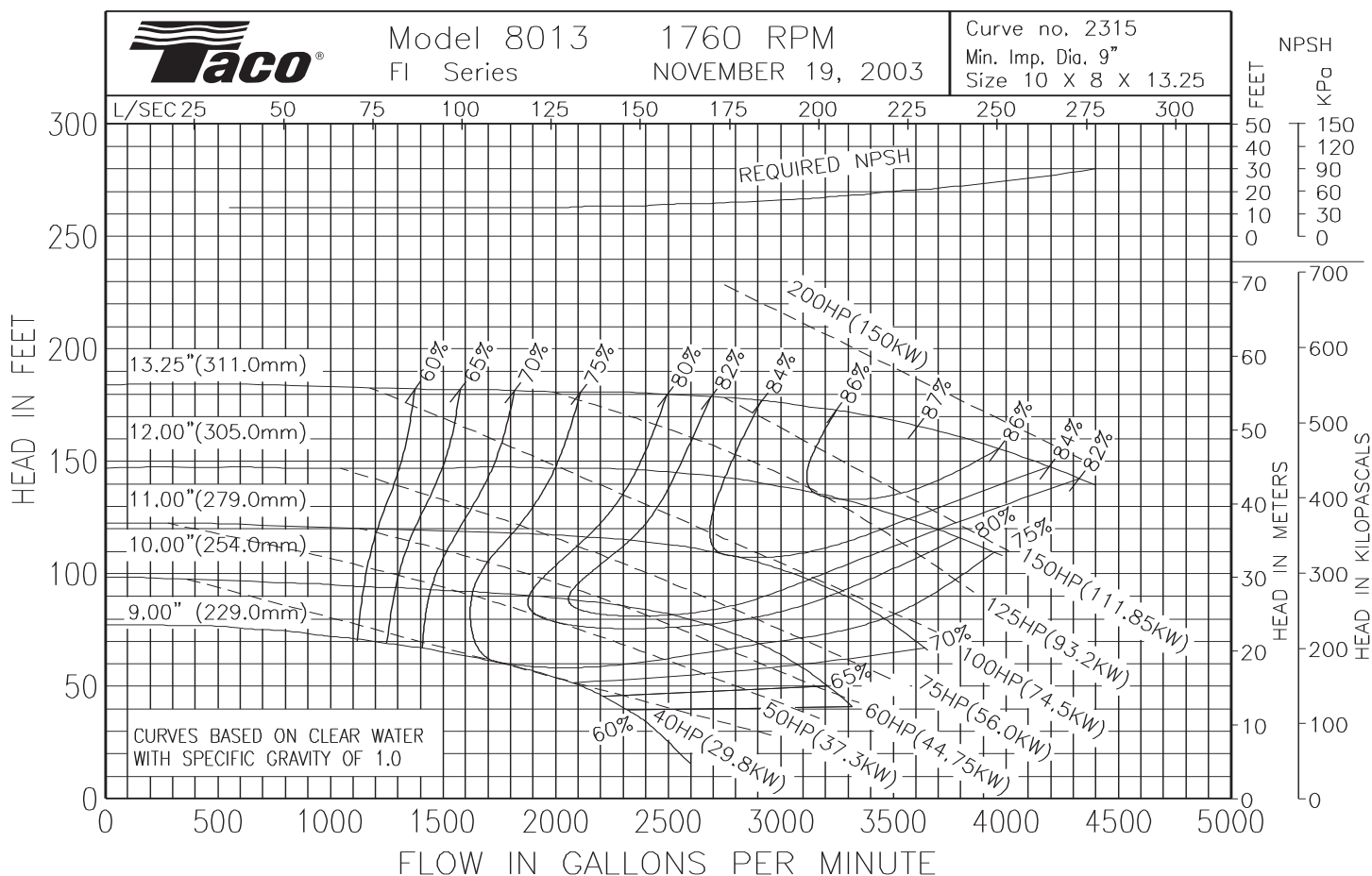
	Standard	Optional
Flange	ANSI Class 125	ANSI Class 250
Pressure	175 PSIG* (1210 KPA)	300 PSIG** (2070 KPA)
Temperature	250°F (120°C)	250°F (120°C)

* In accordance with ANSI Standard B16.1 Class 125

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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight Lbs (Kg)
324T - 326T	1513 (686)
364T - 365T	1758 (797)
404T - 405T	2066 (937)
444T - 445T	2619 (1188)
447T - 449T	2716 (1232)



Comments:

Do it Once. Do it Right.®

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Printed in USA

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