



Submittal Data Information

FI Series Pumps

301-1406

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

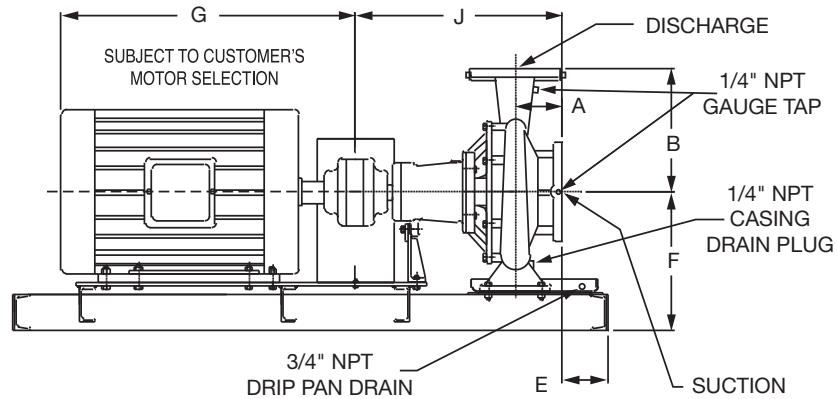
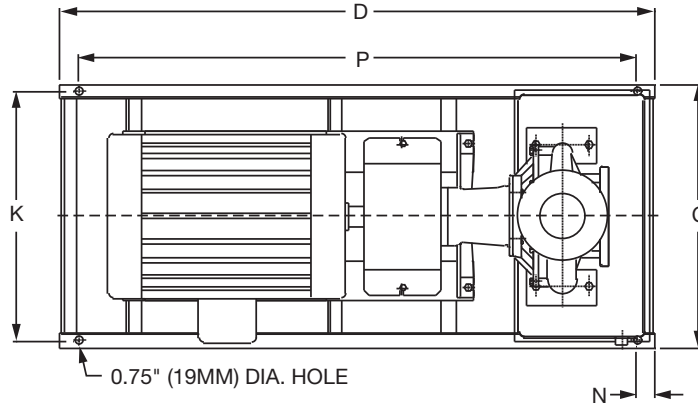
1160 RPM MODEL 1207

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	56	0.5	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)
	143T	0.75					14.17 (360)	32.0 (813)	0.89 (22)	0.63 (16)		11.94 (303)			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

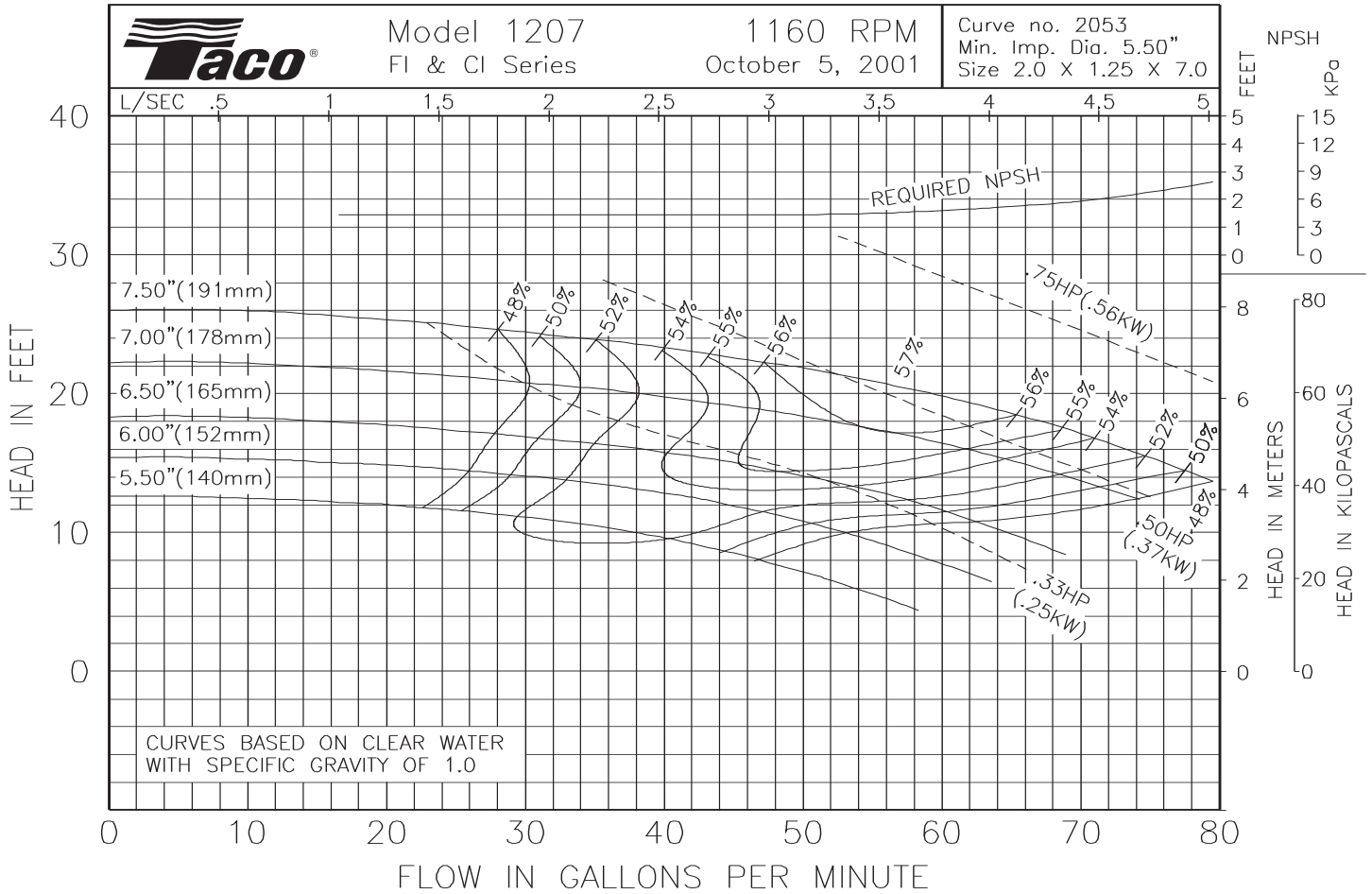
OPERATING SPECIFICATIONS

	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	211 (96)
143T - 145T	221 (100)



Comments:

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Submittal Data Information

FI Series Pumps

301-1409

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

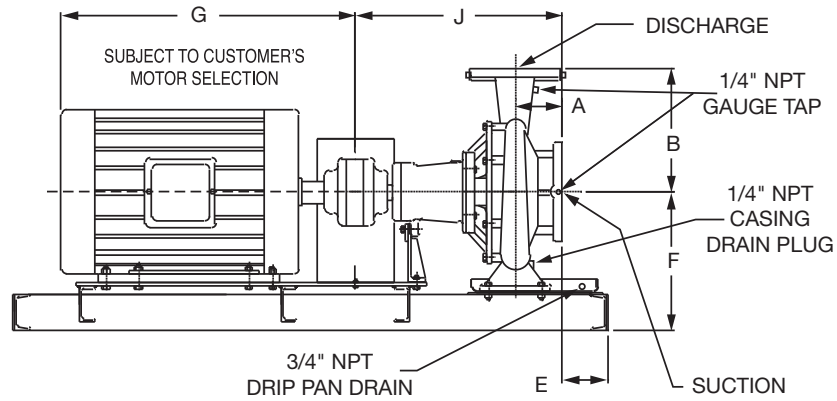
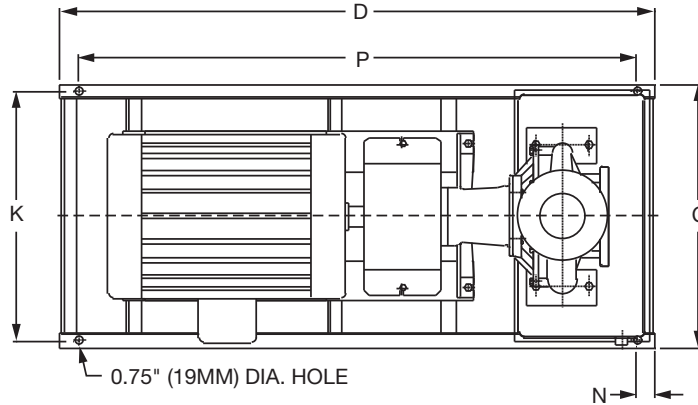
1160 RPM MODEL 1507

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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 2 1/2 x 1 1/2 (64 x 38)	56	0.5	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)
	143T	0.75					14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)		11.94 (303)			12.67 (322)		28.0 (711)
	145T	1					14.17 (360)	32.0 (813)	0.88 (22)	0.58 (15)		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

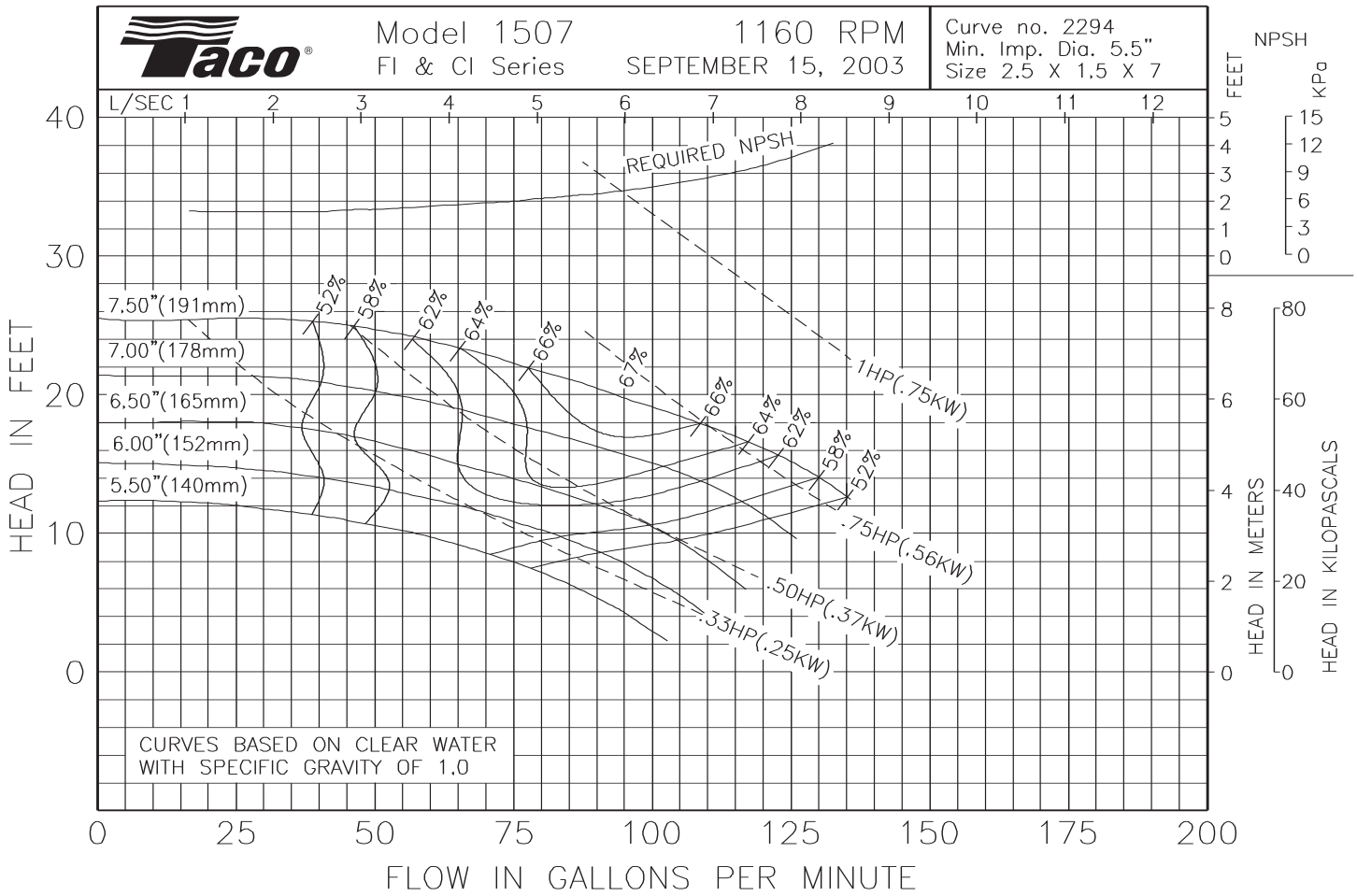
OPERATING SPECIFICATIONS

	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	229 (104)
143T - 145T	264 (120)



Comments:

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Submittal Data Information

FI Series Pumps

301-1421

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

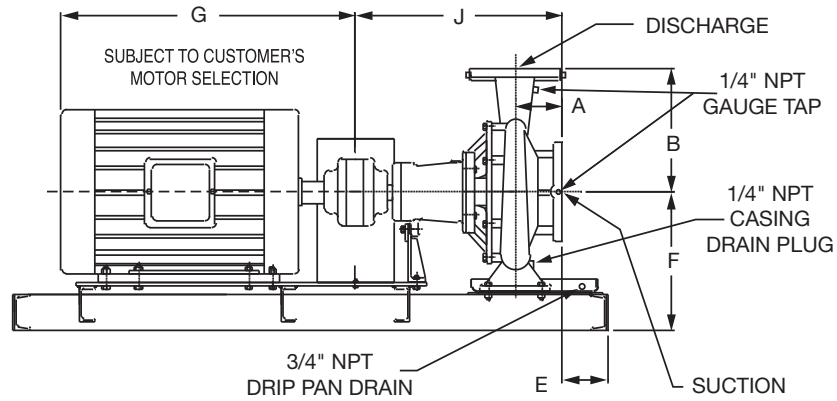
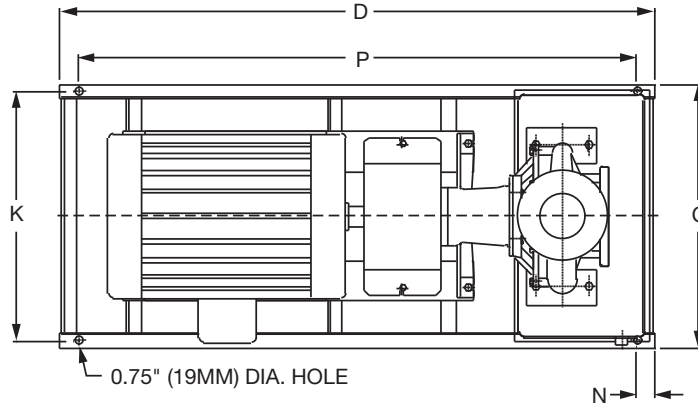
1160 RPM MODEL 1509

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	56	0.5	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)	12.25 (311)	23.03 (585)	23.34 (593)	14.67 (373)	2.00 (51)	37.5 (953)
	143T	0.75					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		11.94 (303)			14.67 (373)		37.5 (953)
	145T	1					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		13.00 (330)			14.67 (373)		37.5 (953)
	182T	1.5					16.17 (411)	41.5 (1054)	1.17 (30)	0.86 (22)		15.38 (391)			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

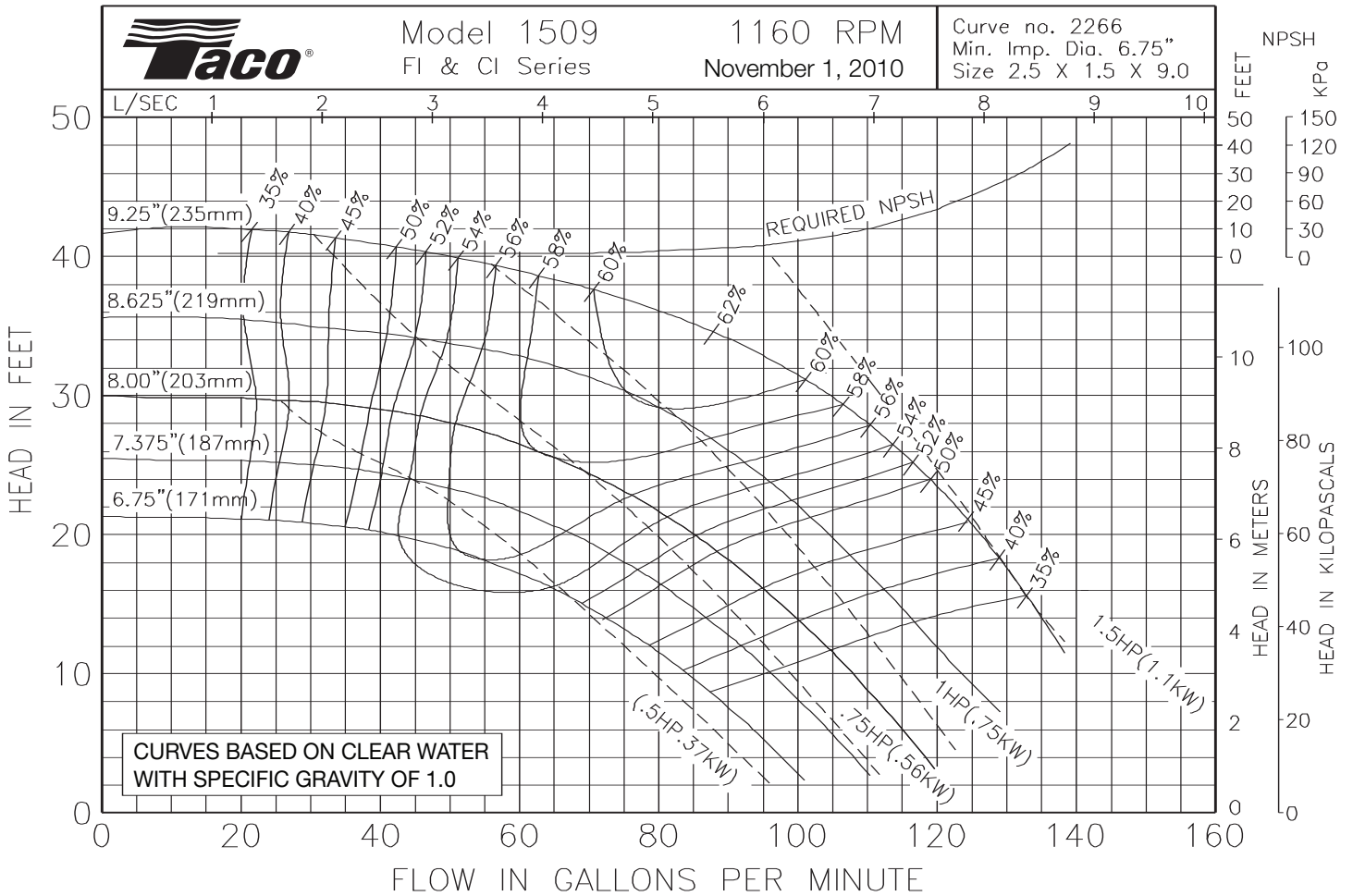
OPERATING SPECIFICATIONS

	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)
56	330 (150)
143T - 145T	365 (166)
182T - 184T	406 (184)



Comments:

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Submittal Data Information

FI Series Pumps

301-1433

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

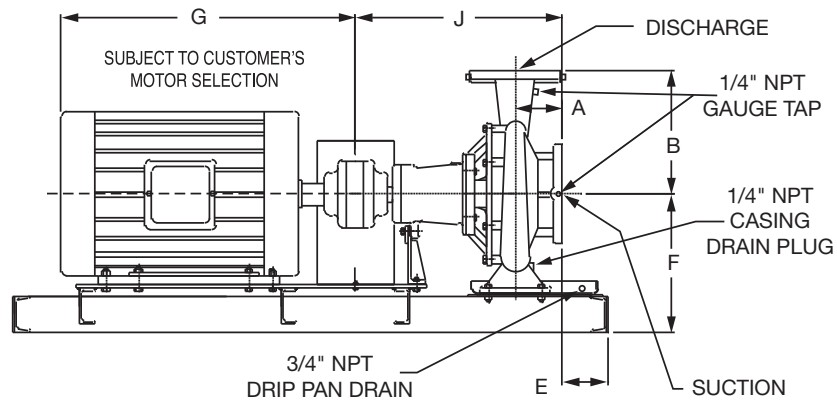
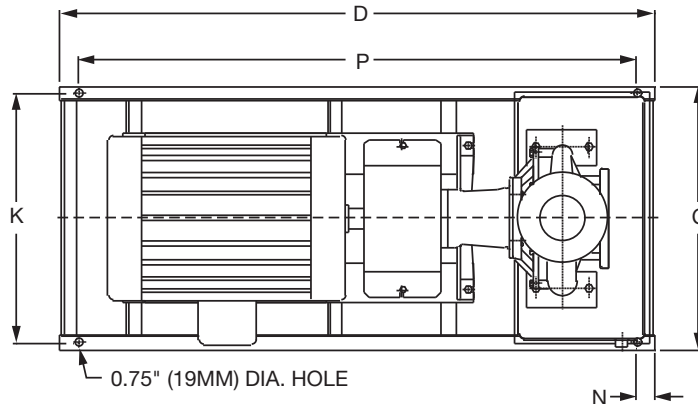
1160 RPM MODEL 1511

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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 2 1/2 x 1 1/2 (64 x 38)	145T	1	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)	13.00 (330)	23.03 (585)	23.34 (593)	17.67 (449)	2.00 (51)	39.0 (991)
	182T	1.5					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		15.38 (391)			17.67 (449)		39.0 (991)
	184T	2					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		16.56 (421)			17.67 (449)		39.0 (991)
	213T	3					19.17 (487)	43.0 (1092)	1.30 (33)	1.05 (27)		17.94 (456)			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

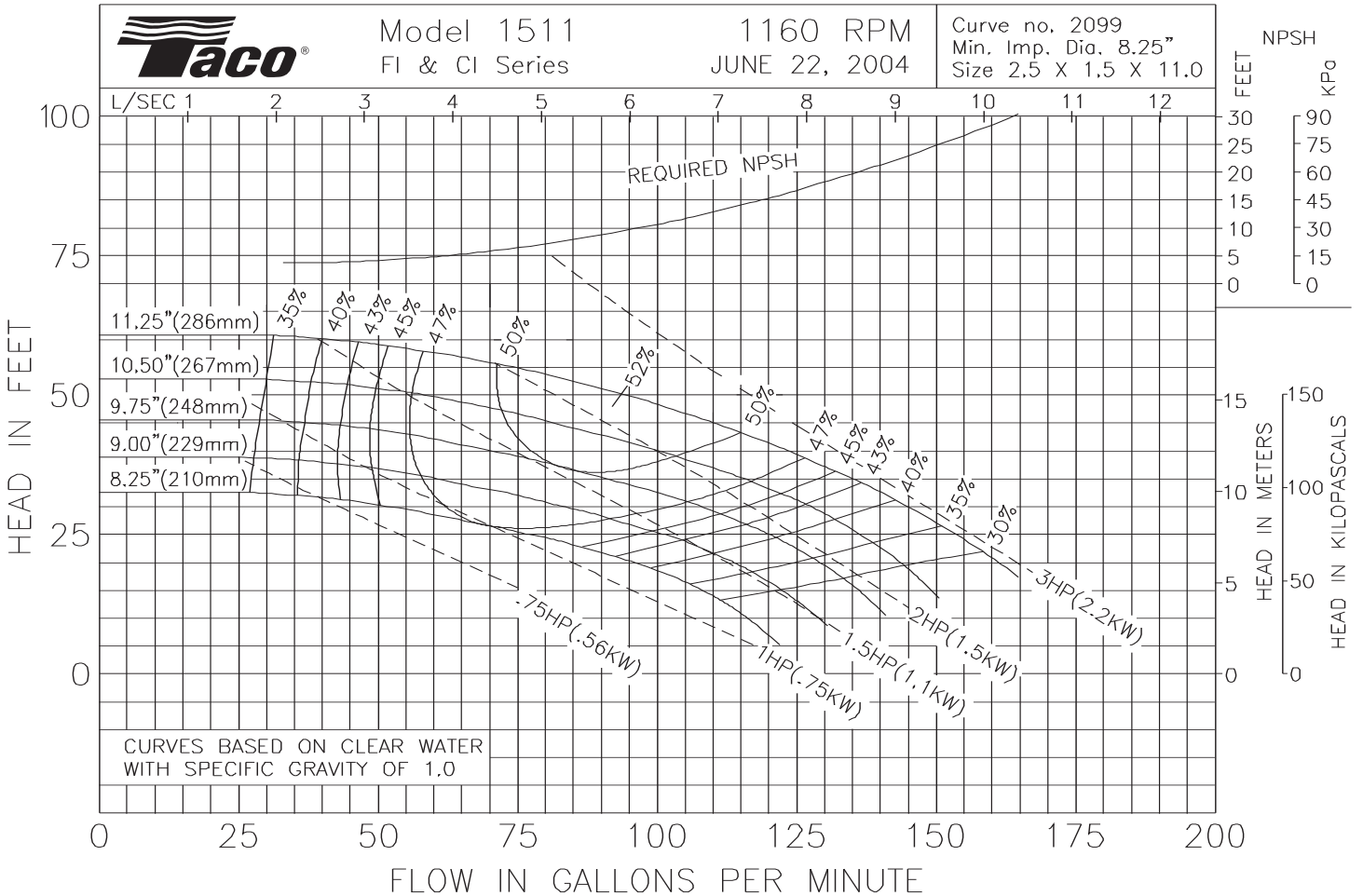
OPERATING SPECIFICATIONS

	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)
143T - 145T	415 (188)
182T - 184T	465 (211)
213T - 215T	531 (241)



Comments:

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Submittal Data Information

FI Series Pumps

301-1476

EFFECTIVE: NOVEMBER 1, 2010

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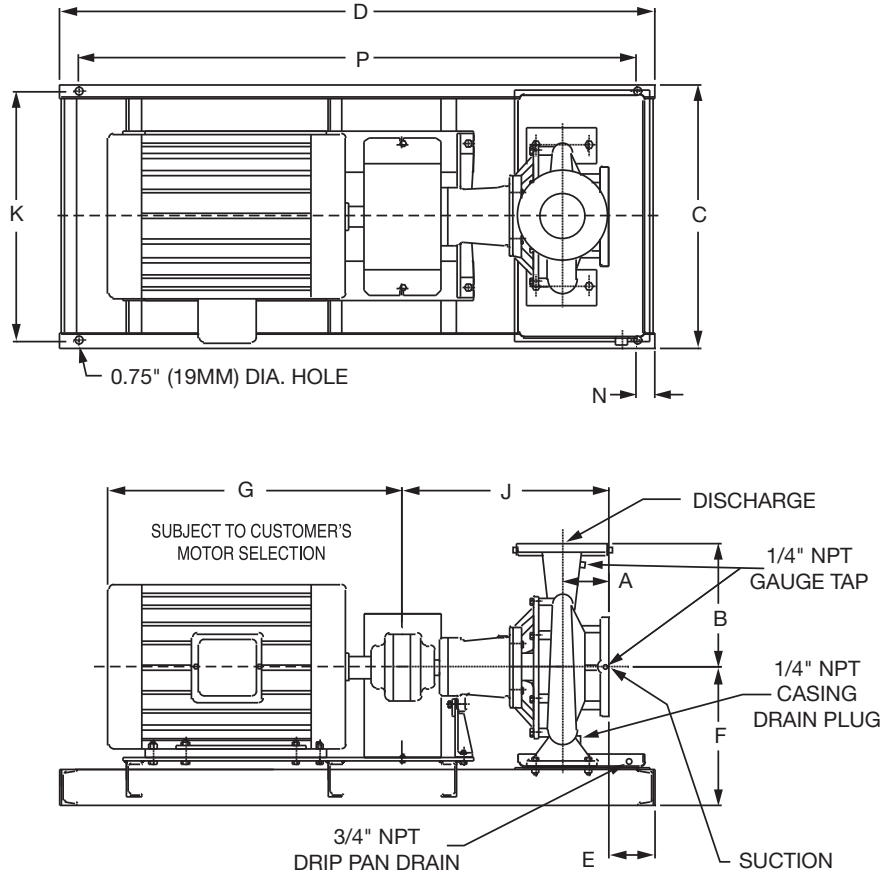
1160 RPM MODEL 2007

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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	0.75	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					14.19 (360)	32.0 (813)	0.19 (4.8)	-0.12 (-3.0)		13.00 (330)			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

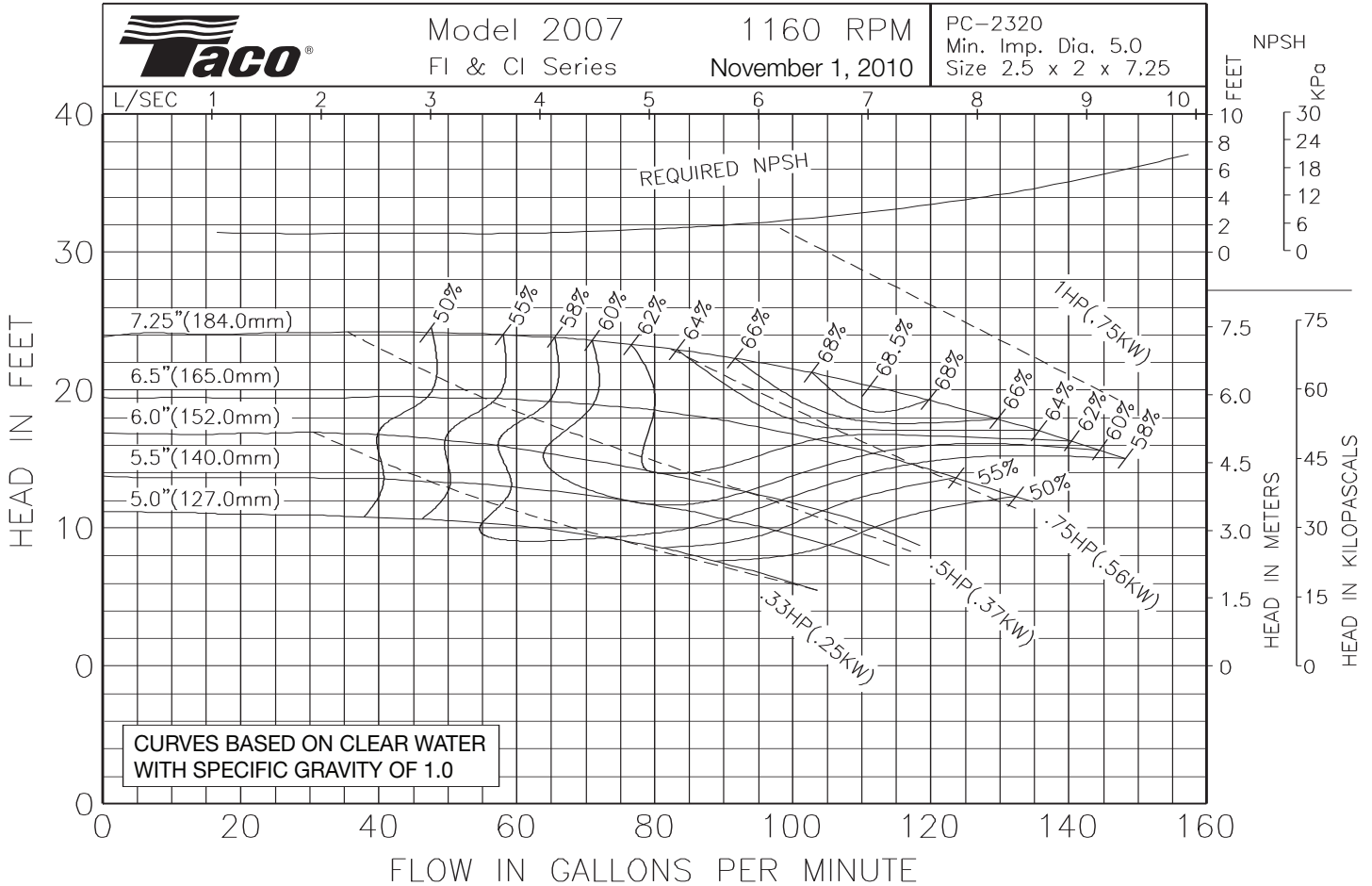
OPERATING SPECIFICATIONS

	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	287 (130)



Comments:

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Submittal Data Information

FI Series Pumps

301-1479

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

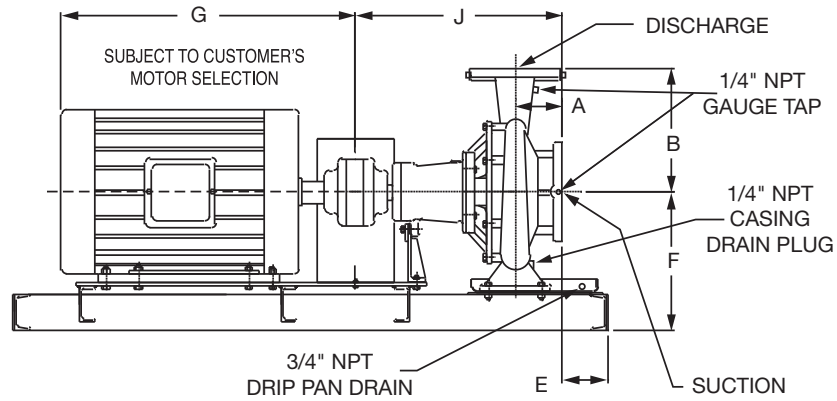
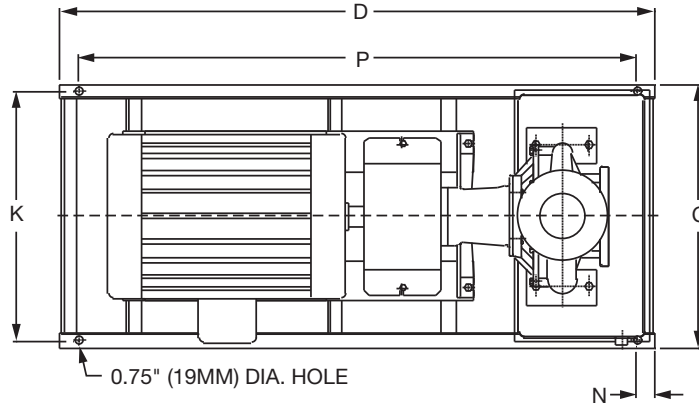
1160 RPM MODEL 2009

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 _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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	0.75	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	1					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		13.00 (330)			14.67 (373)		37.5 (953)
	182T	1.5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	2					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		16.56 (421)			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

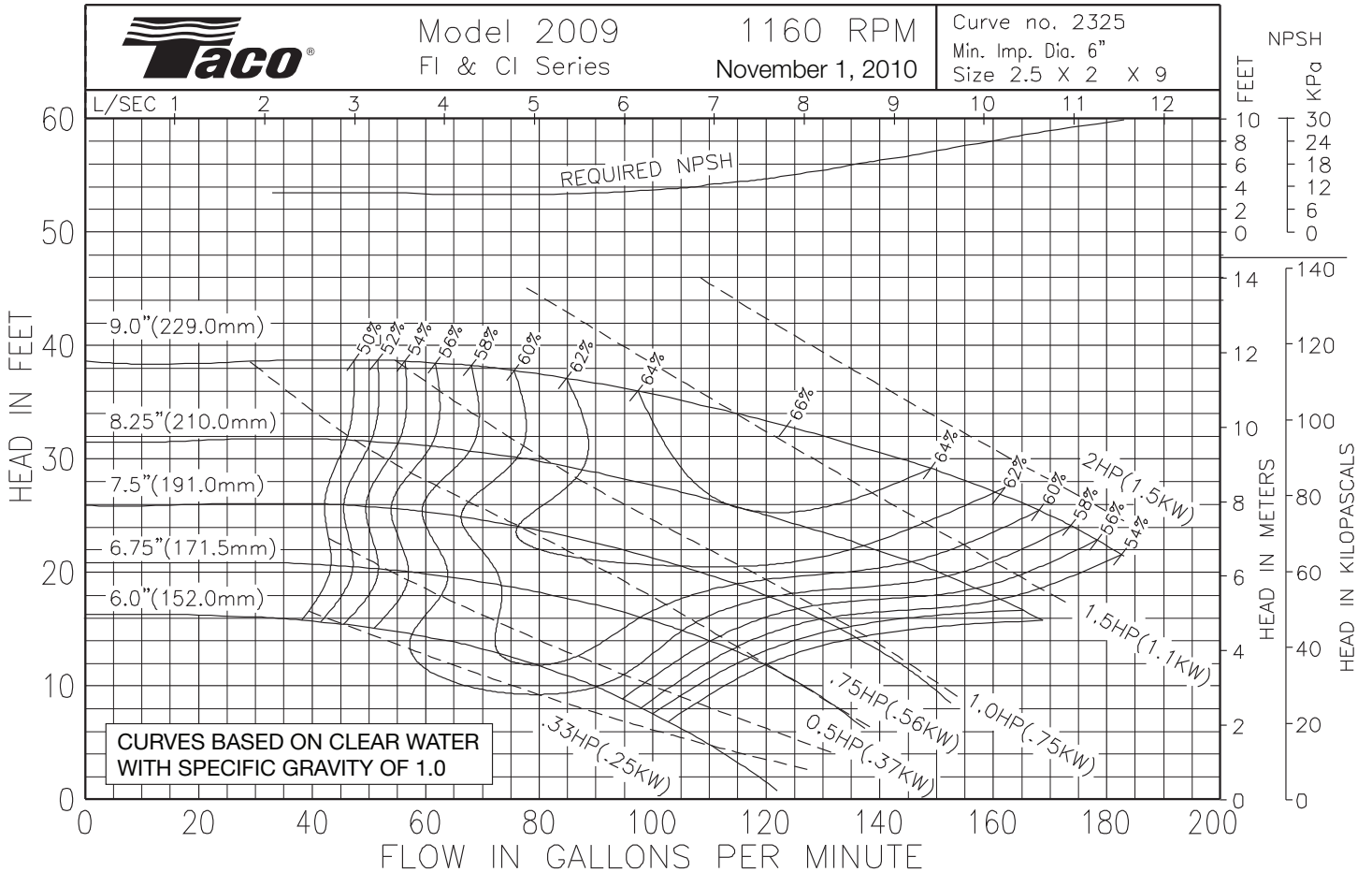
OPERATING SPECIFICATIONS

	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	296 (134)
182T - 184T	346 (157)



Comments:

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Submittal Data Information

FI Series Pumps

301-1412

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

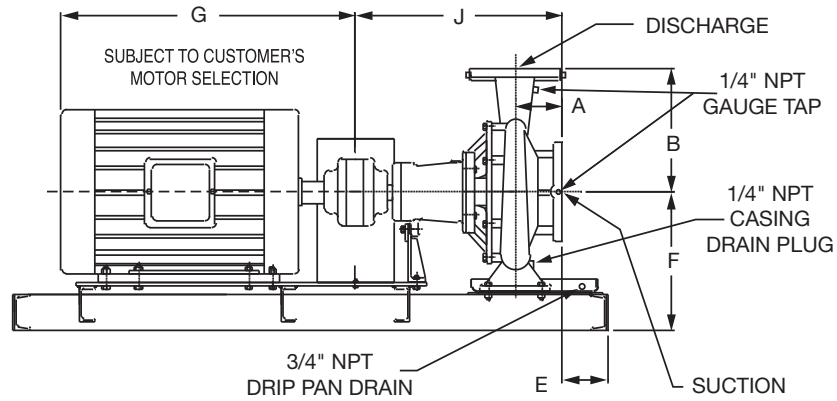
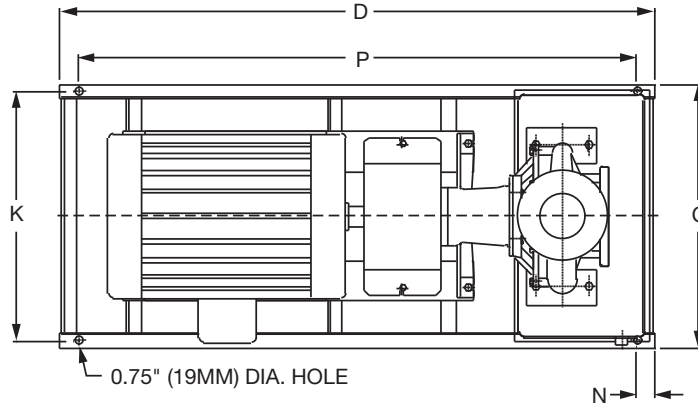
1160 RPM MODEL 2507

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	143T	0.75	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)	11.94 (311)	23.53 (598)	23.90 (607)	14.67 (373)	2.00 (51)	37.5 (923)
	145T	1					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		13.00 (330)			14.67 (373)		37.5 (923)
	182T	1.5					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		15.38 (391)			14.67 (373)		37.5 (923)
	184T	2					16.17 (411)	41.5 (1054)	0.80 (20)	0.44 (11)		16.56 (421)			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

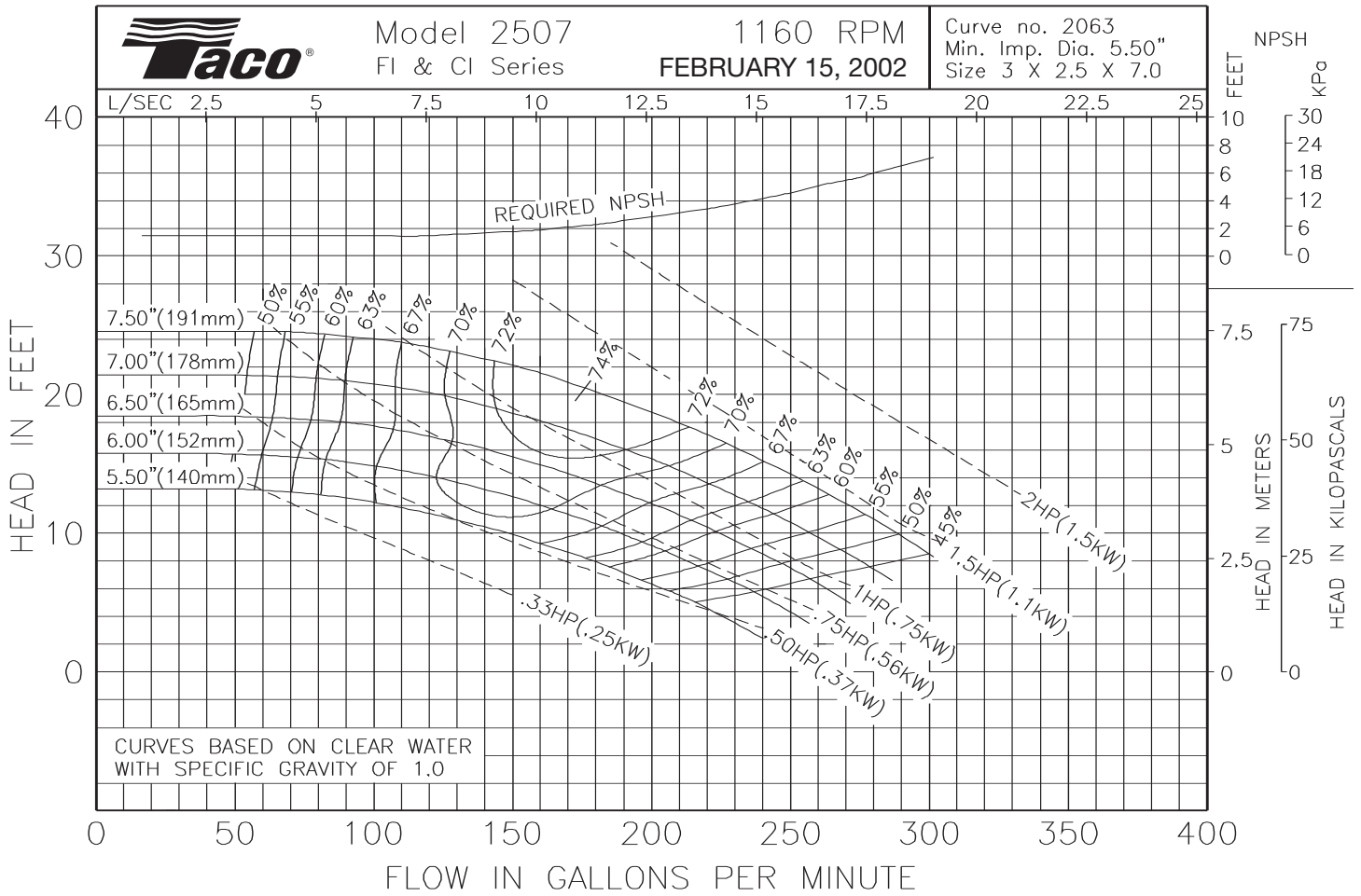
OPERATING SPECIFICATIONS

	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	326 (148)
182T - 184T	376 (171)



Comments:

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Submittal Data Information

FI Series Pumps

301-1465

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

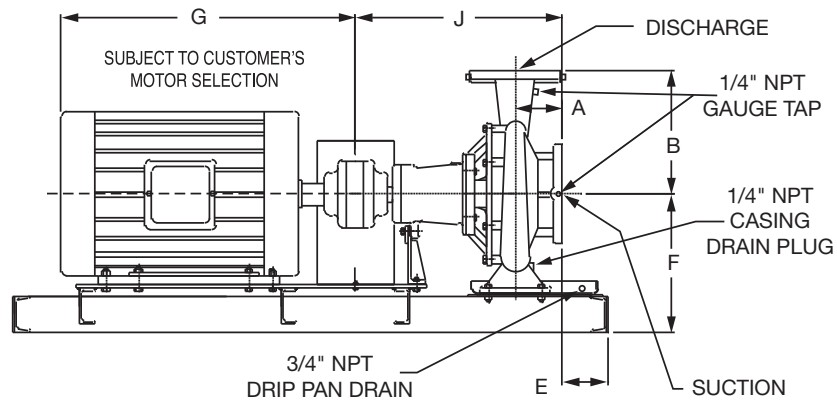
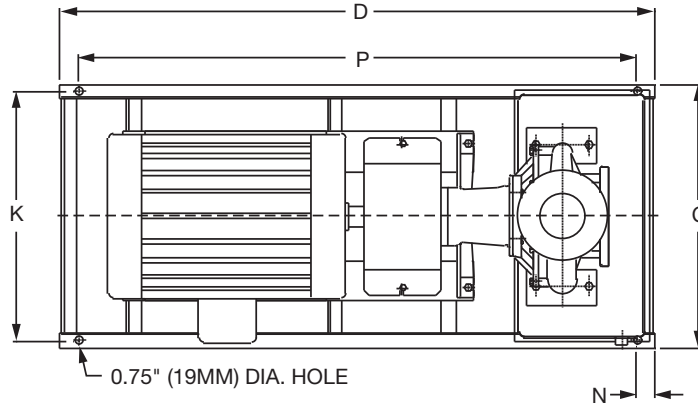
1160 RPM MODEL 2508

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	145T	1	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)	13.00 (330)	23.24 (590)	23.61 (600)	14.67 (373)	2.00 (51)	37.5 (953)
	182T	1.5					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	2					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	3					16.17 (411)	41.5 (1054)	1.17 (30)	0.92 (23)		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

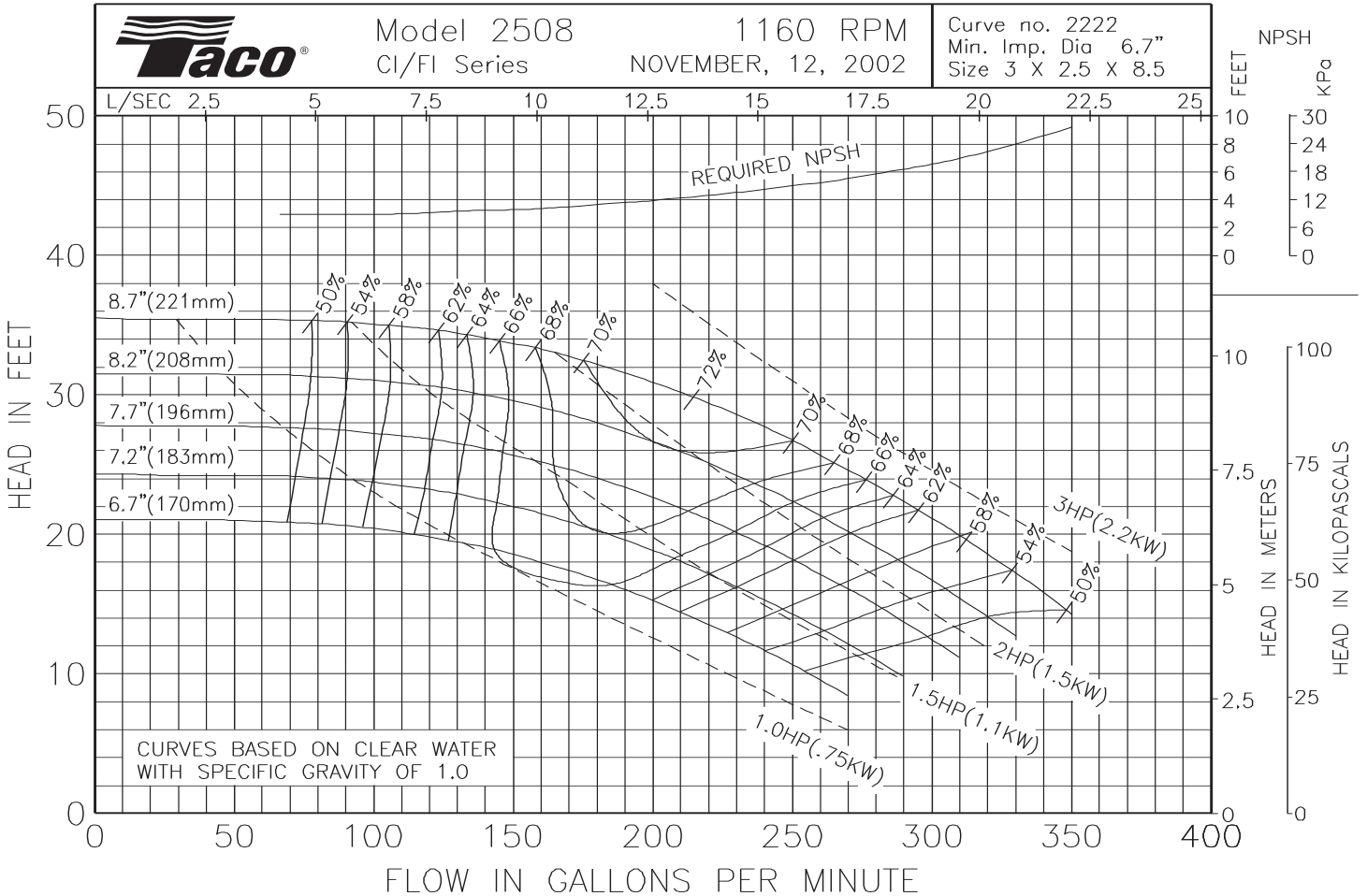
OPERATING SPECIFICATIONS

	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	332 (151)
182T - 184T	382 (173)
213T - 215T	448 (203)



Comments:

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Submittal Data Information

FI Series Pumps

301-1424

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

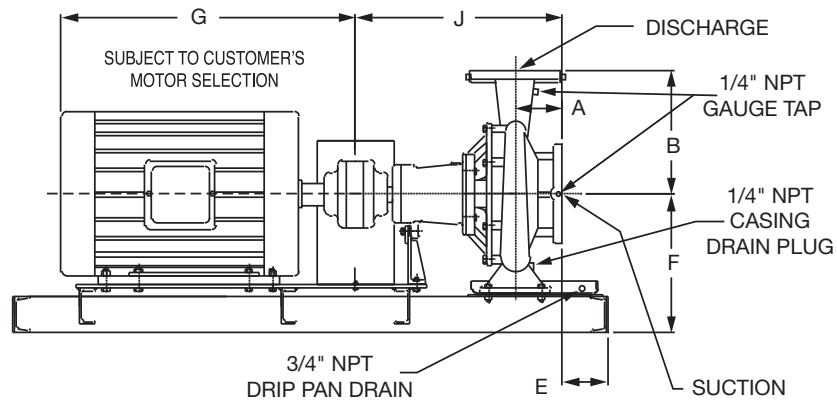
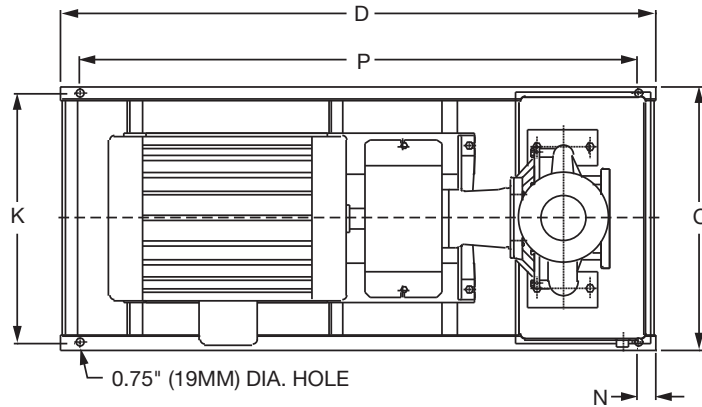
1160 RPM MODEL 2509

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 1160 (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 2 1/2 (76 x 64)	143T	0.75	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)	11.94 (303)	23.12 (587)	23.49 (597)	14.67 (373)	2.00 (50)	37.5 (953)
	145T	1					16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)		13.00 (330)			14.67 (373)		37.5 (953)
	182T	1.5					16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	2					16.17 (411)	41.5 (1054)	1.05 (27)	0.68 (17)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	3					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

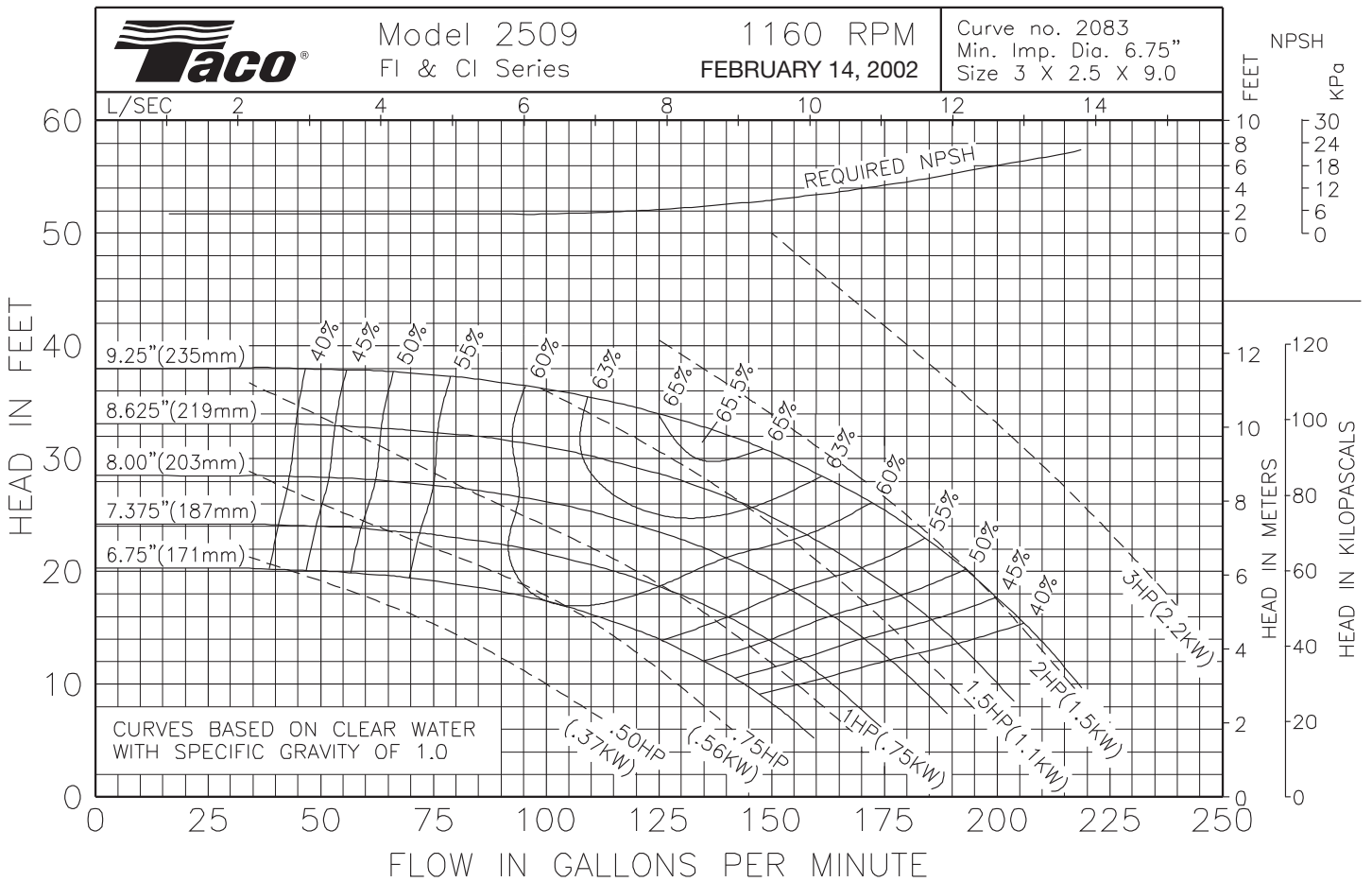
OPERATING SPECIFICATIONS

	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)
143T - 145T	368 (167)
182T - 184T	418 (190)
213T - 215T	484 (220)



Comments:

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Submittal Data Information

FI Series Pumps

301- 1468

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

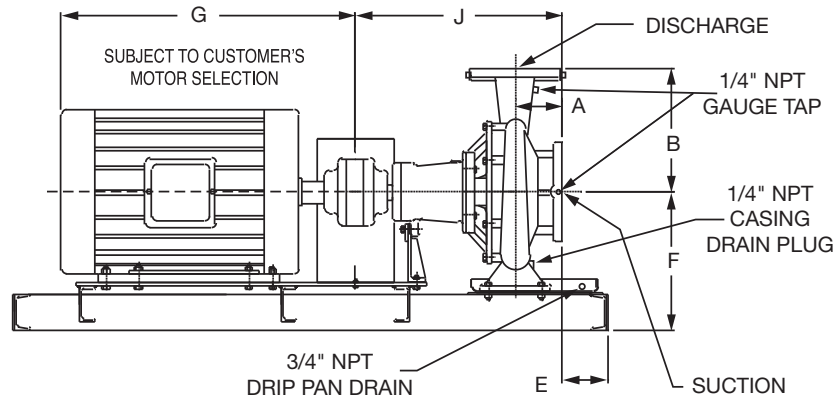
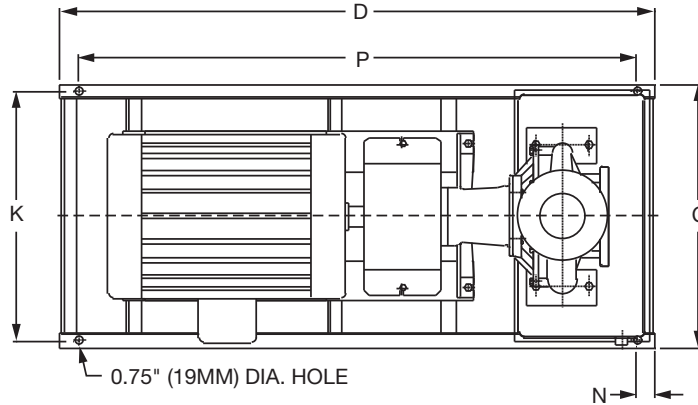
1160 RPM MODEL 2510

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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 2 1/2 (76 x 64)	184T	2	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	3					19.17 (487)	43.0 (1092)	1.07 (27)	0.70 (18)		17.94 (456)			17.67 (449)		39.0 (991)
	215T	5					19.17 (487)	43.0 (1092)	1.07 (27)	0.70 (18)		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

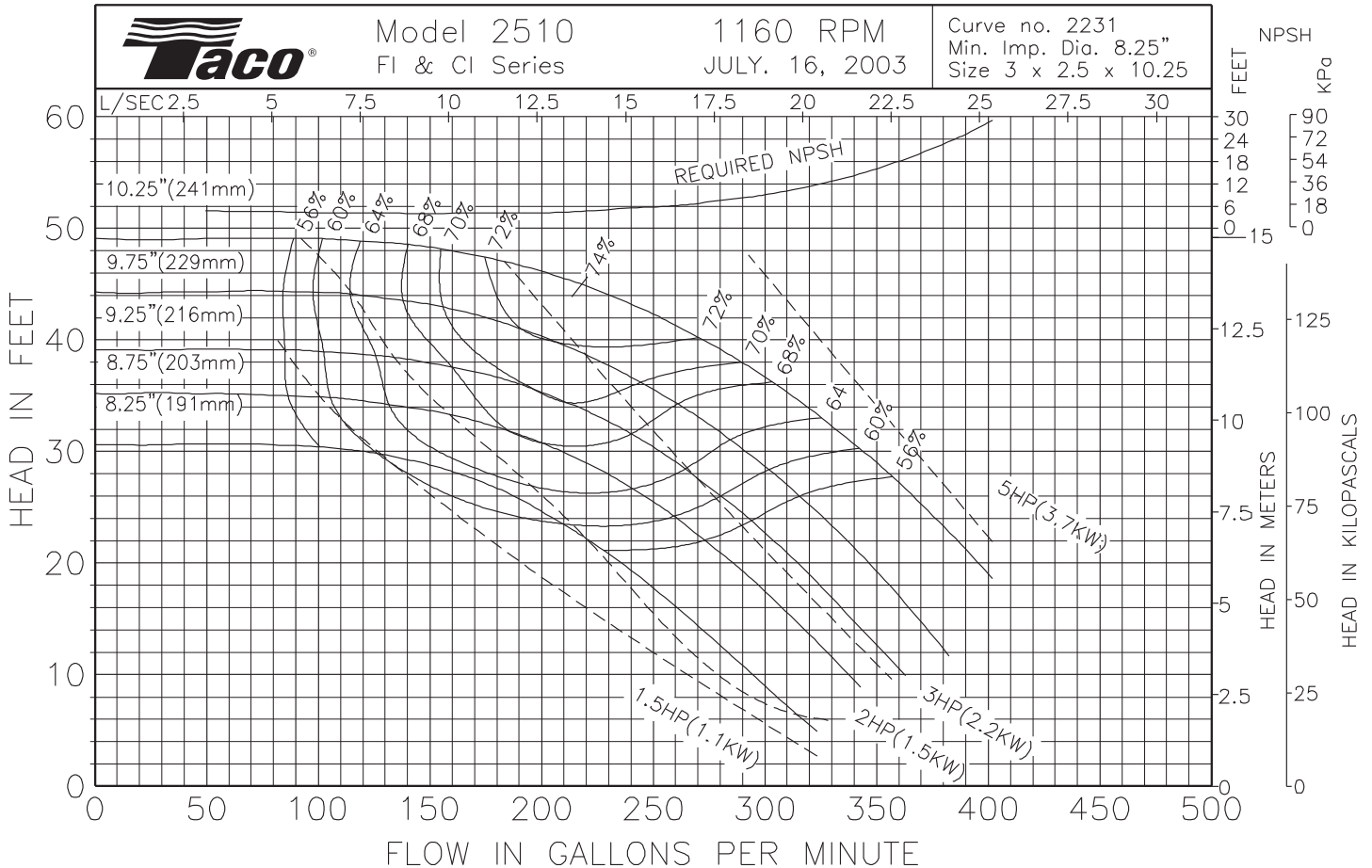
OPERATING SPECIFICATIONS

	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	447 (203)
213T - 215T	531 (241)



Comments:

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Submittal Data Information

FI Series Pumps

301-1435

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

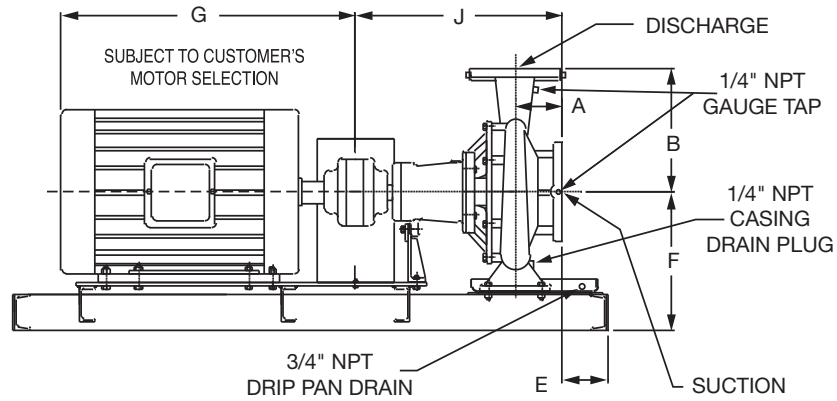
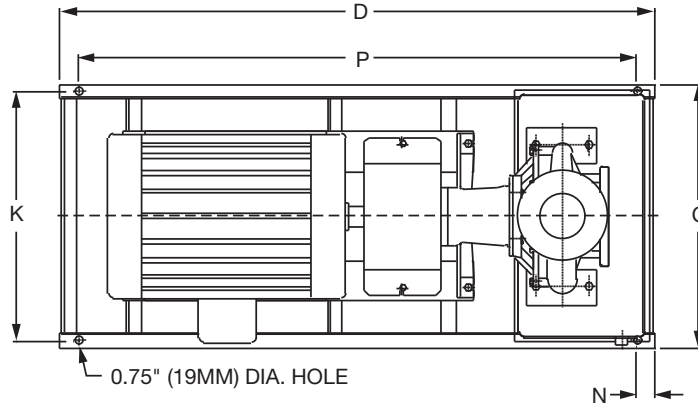
1160 RPM MODEL 2511

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	145T	1	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)	13.00 (330)	23.31 (592)	23.68 (598)	17.67 (449)	2.00 (50)	48.0 (1219)
	182T	1.5					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		15.38 (391)			17.67 (449)		48.0 (1219)
	184T	2					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		16.56 (421)			17.67 (449)		48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	1.55 (39)	1.17 (30)		18.19 (462)			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

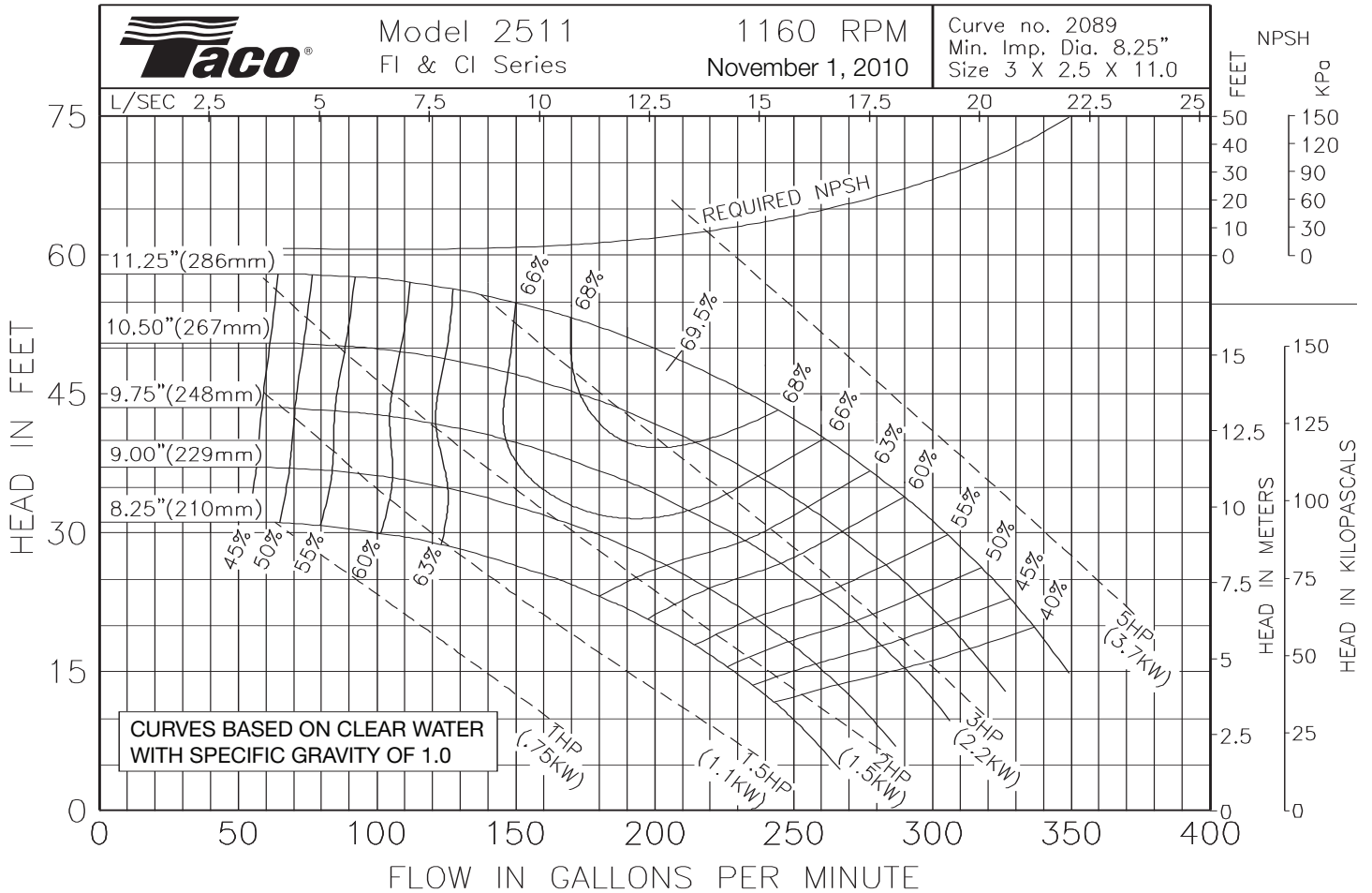
OPERATING SPECIFICATIONS

	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)
143T - 145T	423 (192)
182T - 184T	473 (215)
213T - 215T	557 (253)



Comments:

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Submittal Data Information

FI Series Pumps

301-1443

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

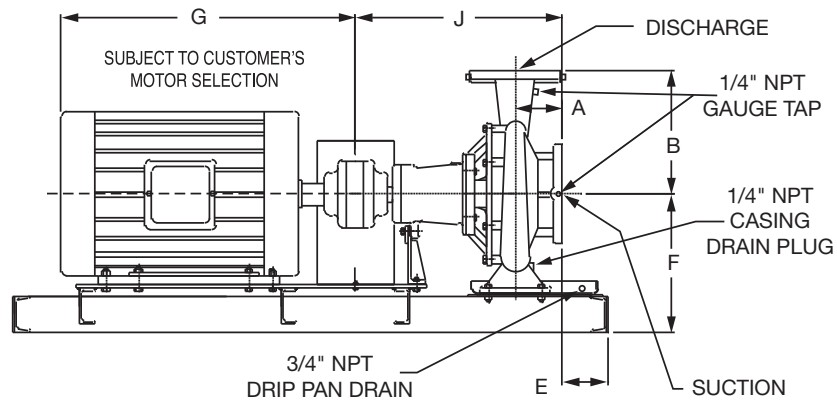
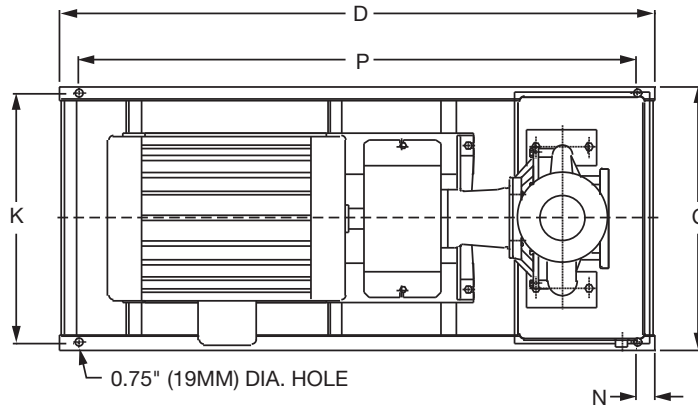
1160 RPM MODEL 2513

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	184T	2	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)	16.56 (421)	23.47 (596)	23.84 (606)	17.67 (449)	2.00 (50)	48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	1.54 (39)	1.17 (30)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	1.54 (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

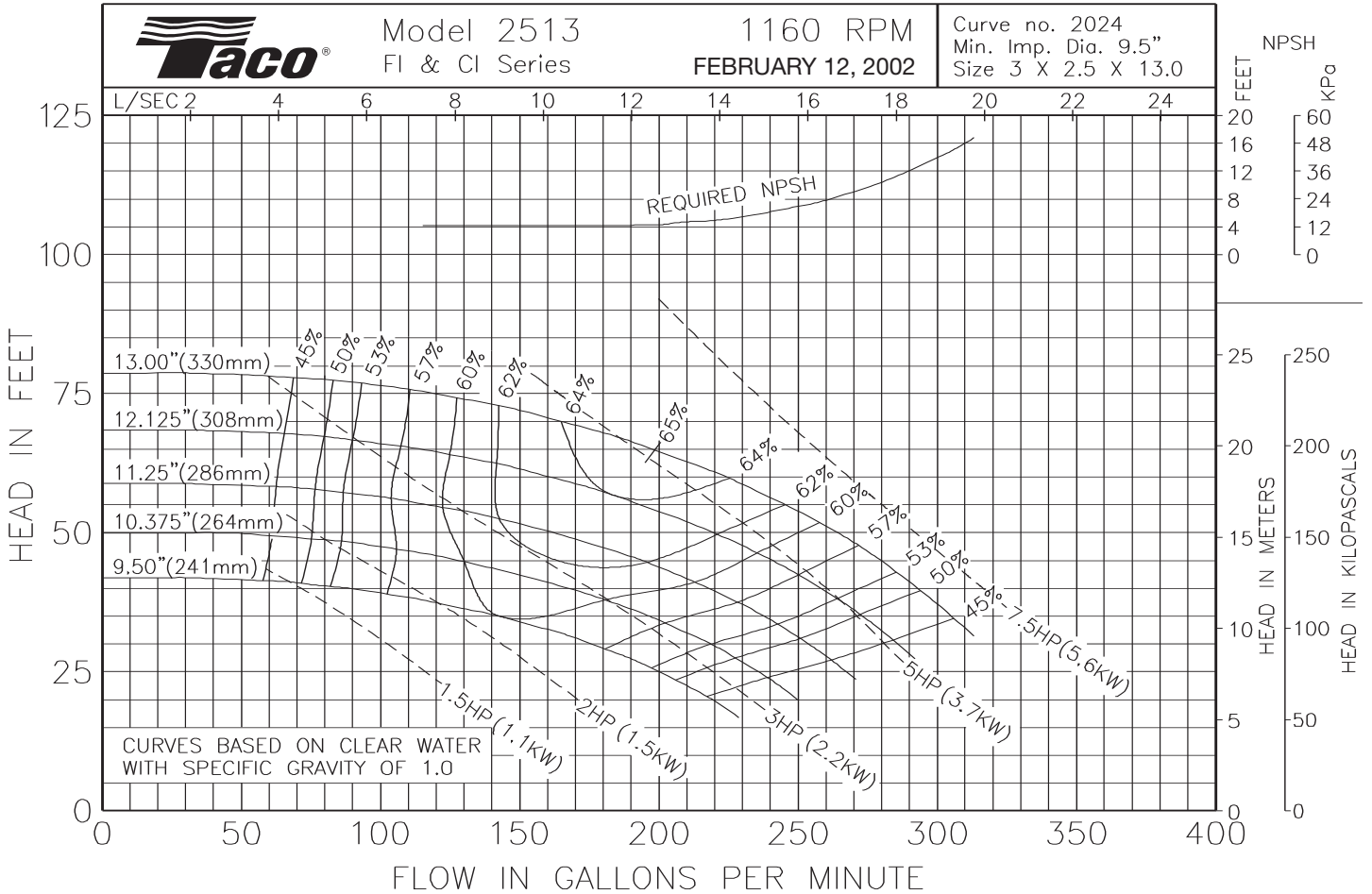
OPERATING SPECIFICATIONS

	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	577 (262)
213T - 215T	661 (300)
254T - 256T	766 (347)



Comments:

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Submittal Data Information

FI Series Pumps

301-1415

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

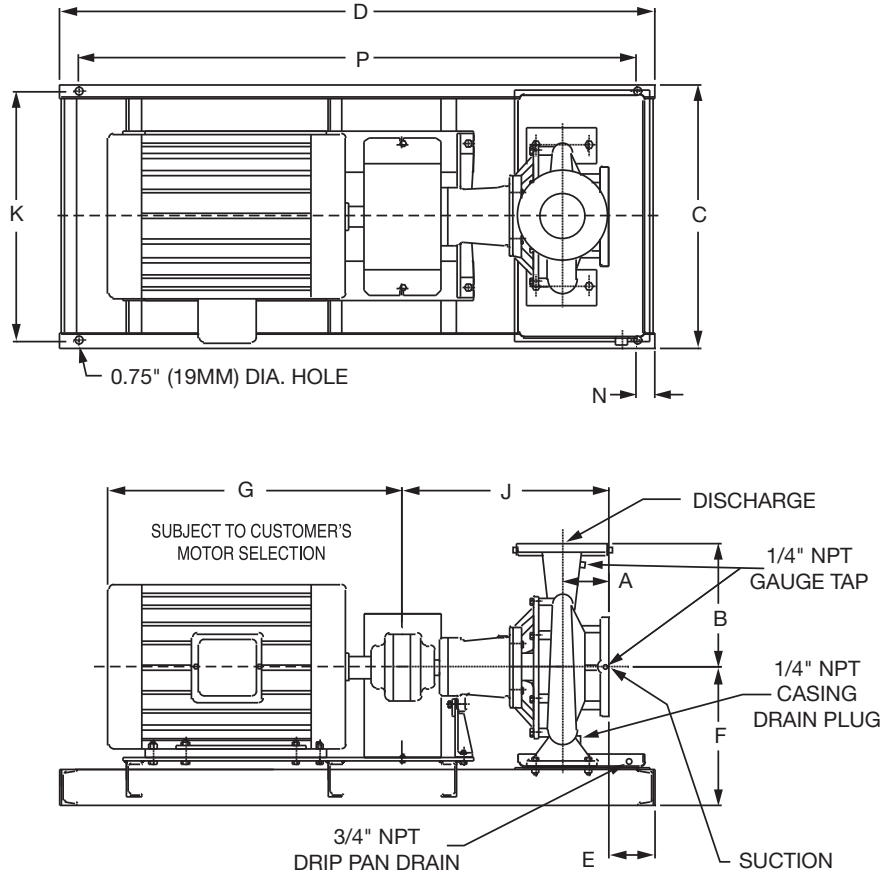
1160 RPM MODEL 3007

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	143T	0.75	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)	11.94 (311)	23.92 (608)	24.24 (616)	14.67 (373)	2.00 (51)	37.5 (923)	
	145T	1					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		13.00 (330)			14.67 (373)		37.5 (923)	
	182T	1.5					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		15.38 (391)			14.67 (373)		37.5 (923)	
	184T	2					16.17 (411)	41.5 (1054)	1.05 (27)	0.73 (18)		16.56 (421)			14.67 (373)		37.5 (923)	

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

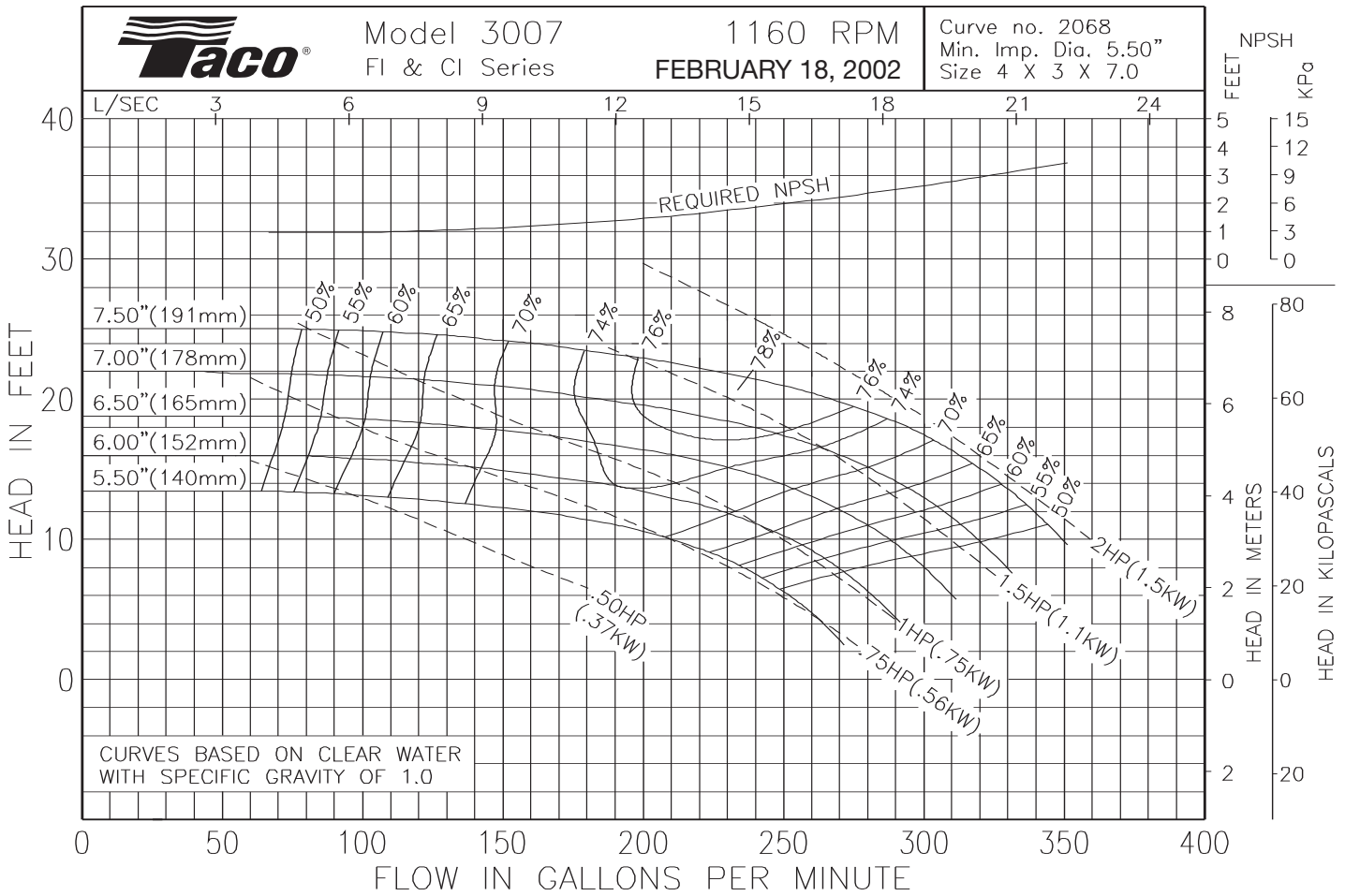
OPERATING SPECIFICATIONS

	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)
143T - 145T	344 (156)
182T - 184T	394 (179)



Comments:

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Submittal Data Information

FI Series Pumps

301-1427

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

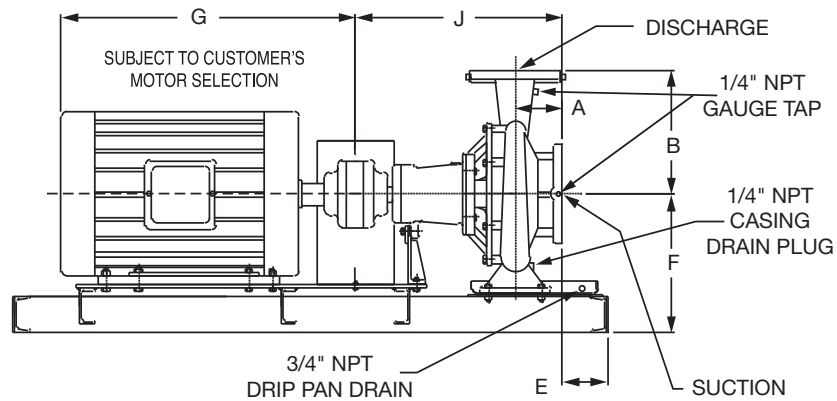
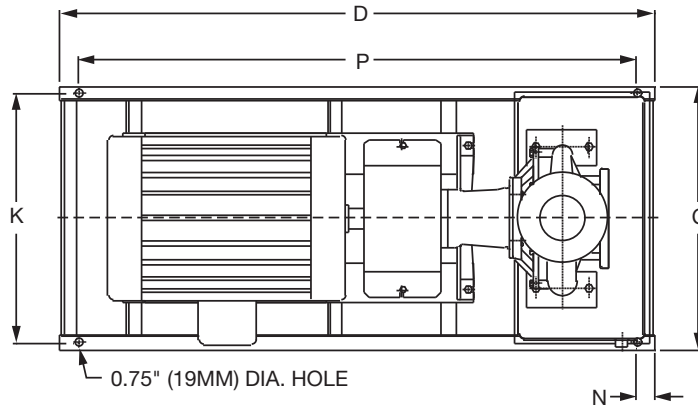
1160 RPM MODEL 3009

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 1160 (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)	145T	1	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)	13.00 (330)	23.24 (590)	23.55 (598)	14.67 (373)	2.00 (51)	37.5 (953)
	182T	1.5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		15.38 (391)			14.67 (373)		37.5 (953)
	184T	2					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		16.56 (421)			14.67 (373)		37.5 (953)
	213T	3					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		17.94 (456)			14.67 (373)		37.5 (953)
	215T	5					16.17 (411)	41.5 (1054)	1.04 (26)	0.73 (19)		18.19 (462)			14.67 (373)		37.5 (953)

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

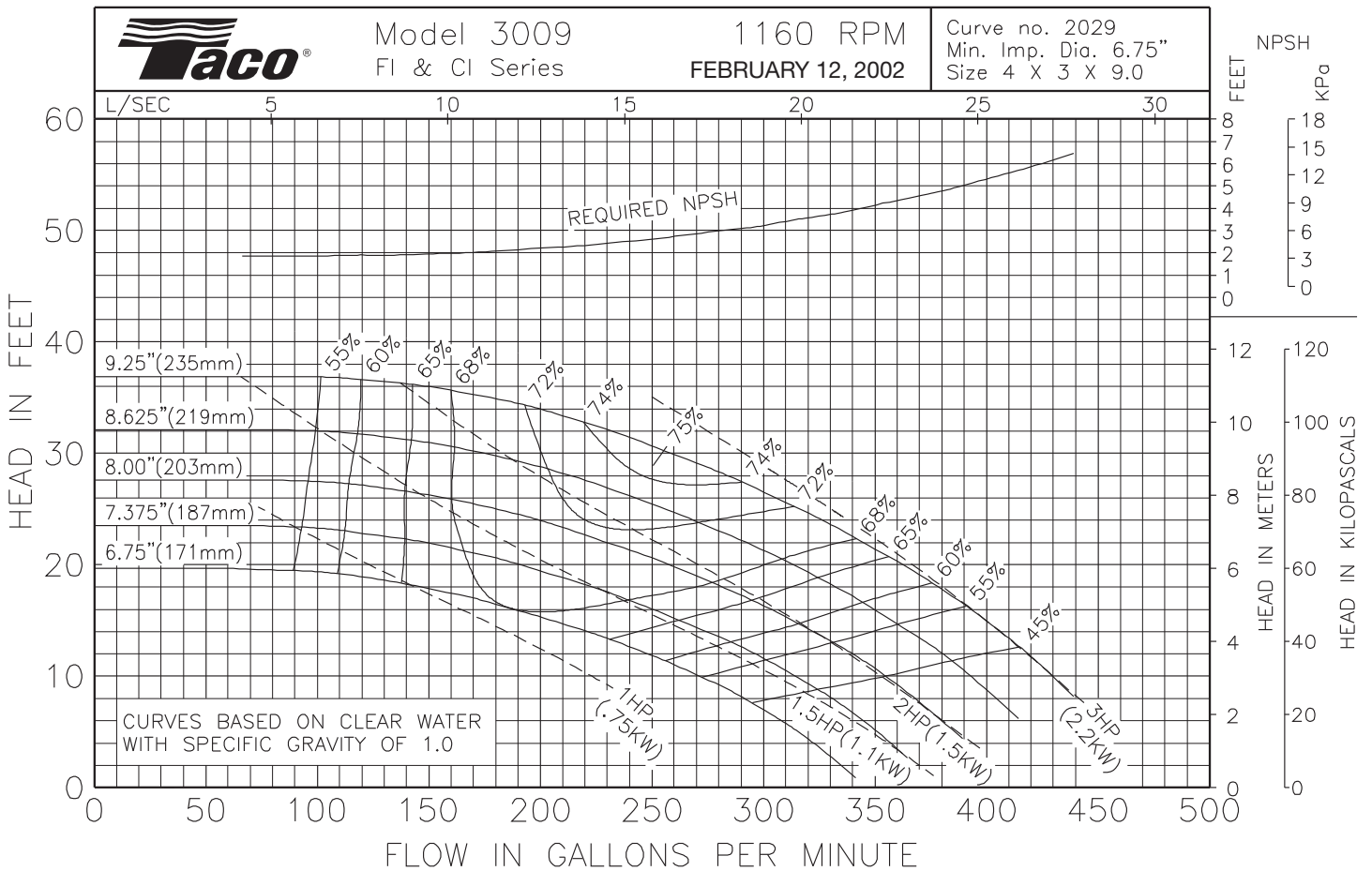
OPERATING SPECIFICATIONS

	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)
143T - 145T	364 (165)
182T - 184T	414 (188)
213T - 215T	498 (226)



Comments:

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Submittal Data Information

FI Series Pumps

301-1437

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

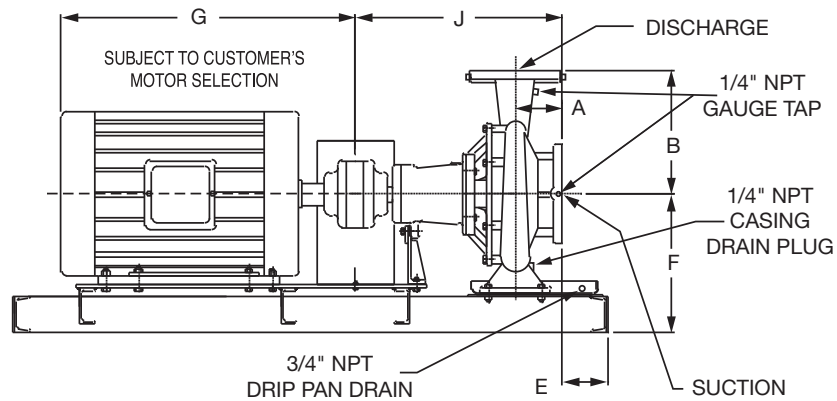
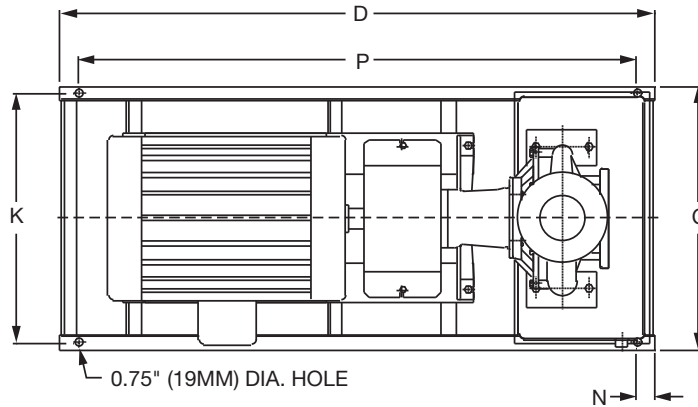
1160 RPM MODEL 3011

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	182T	1.5	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)	15.38 (391)	23.50 (597)	23.81 (605)	17.67 (449)	2.00 (50)	48.0 (1219)
	184T	2					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		16.56 (421)			17.67 (449)		48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	2.52 (64)	2.21 (56)		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

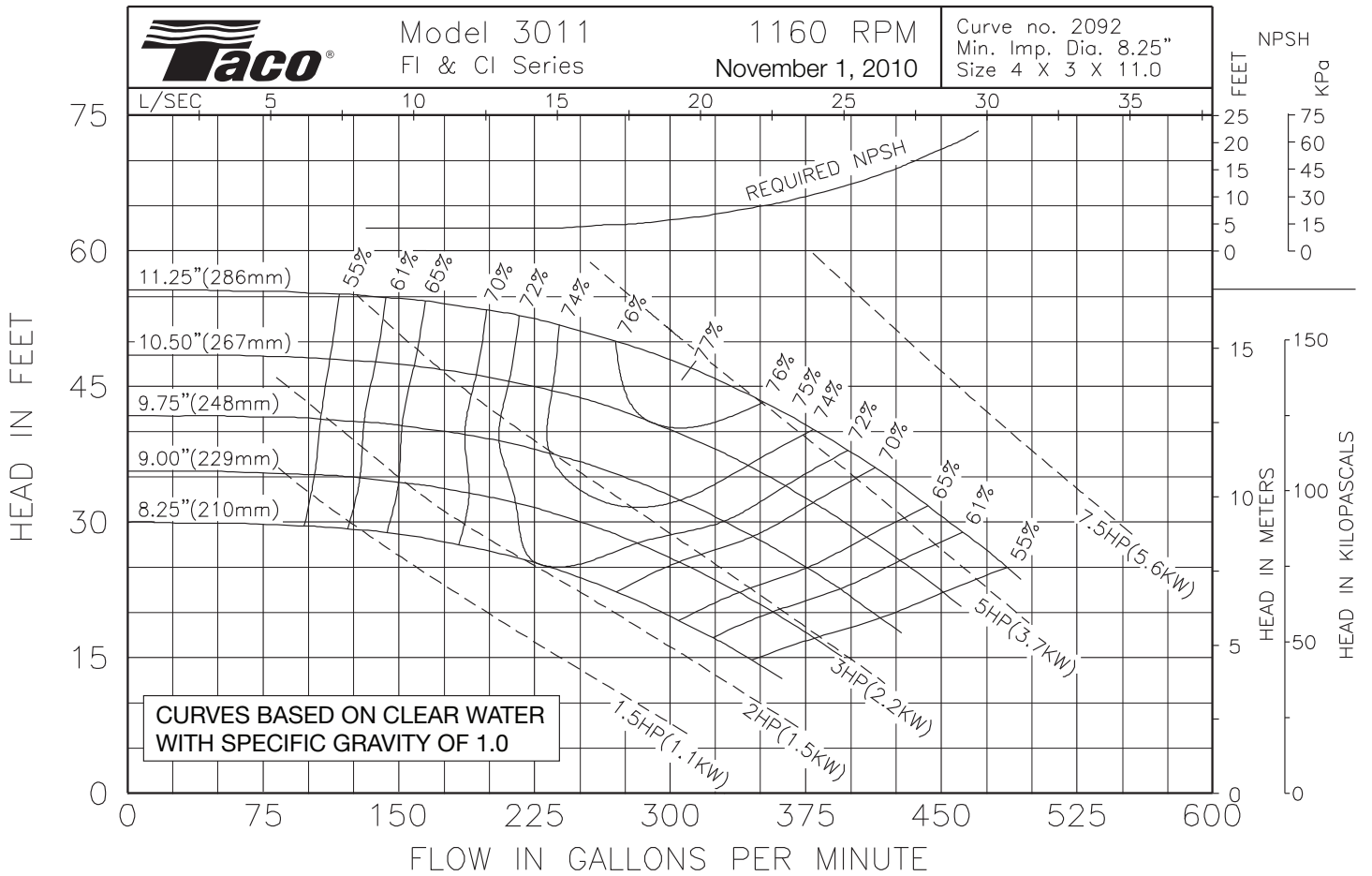
OPERATING SPECIFICATIONS

	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	497 (225)
213T - 215T	581 (264)
254T - 256T	686 (311)



Comments:

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Submittal Data Information

FI Series Pumps

301-1445

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

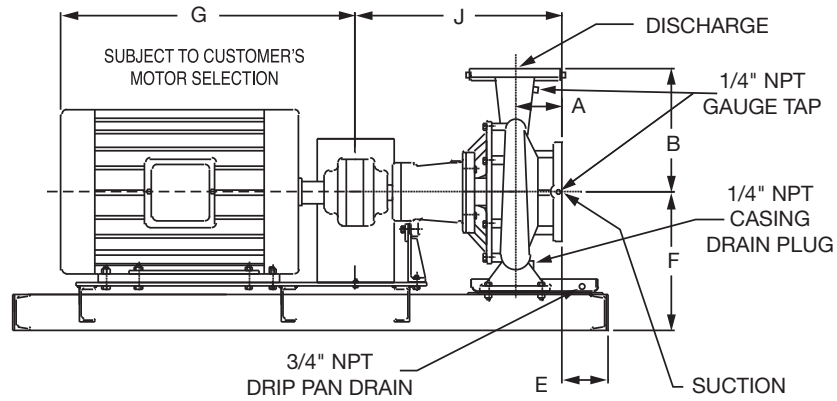
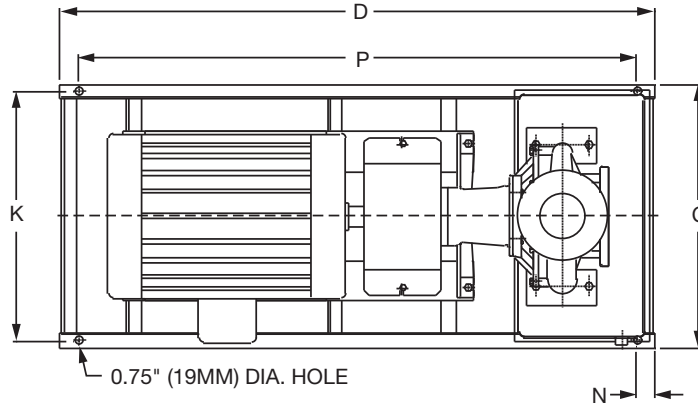
1160 RPM MODEL 3013

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	213T	3	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)	17.94 (456)	23.50 (597)	23.81 (605)	17.67 (449)	2.00 (50)	48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	10					19.17 (487)	52.0 (1321)	1.05 (27)	0.74 (19)		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

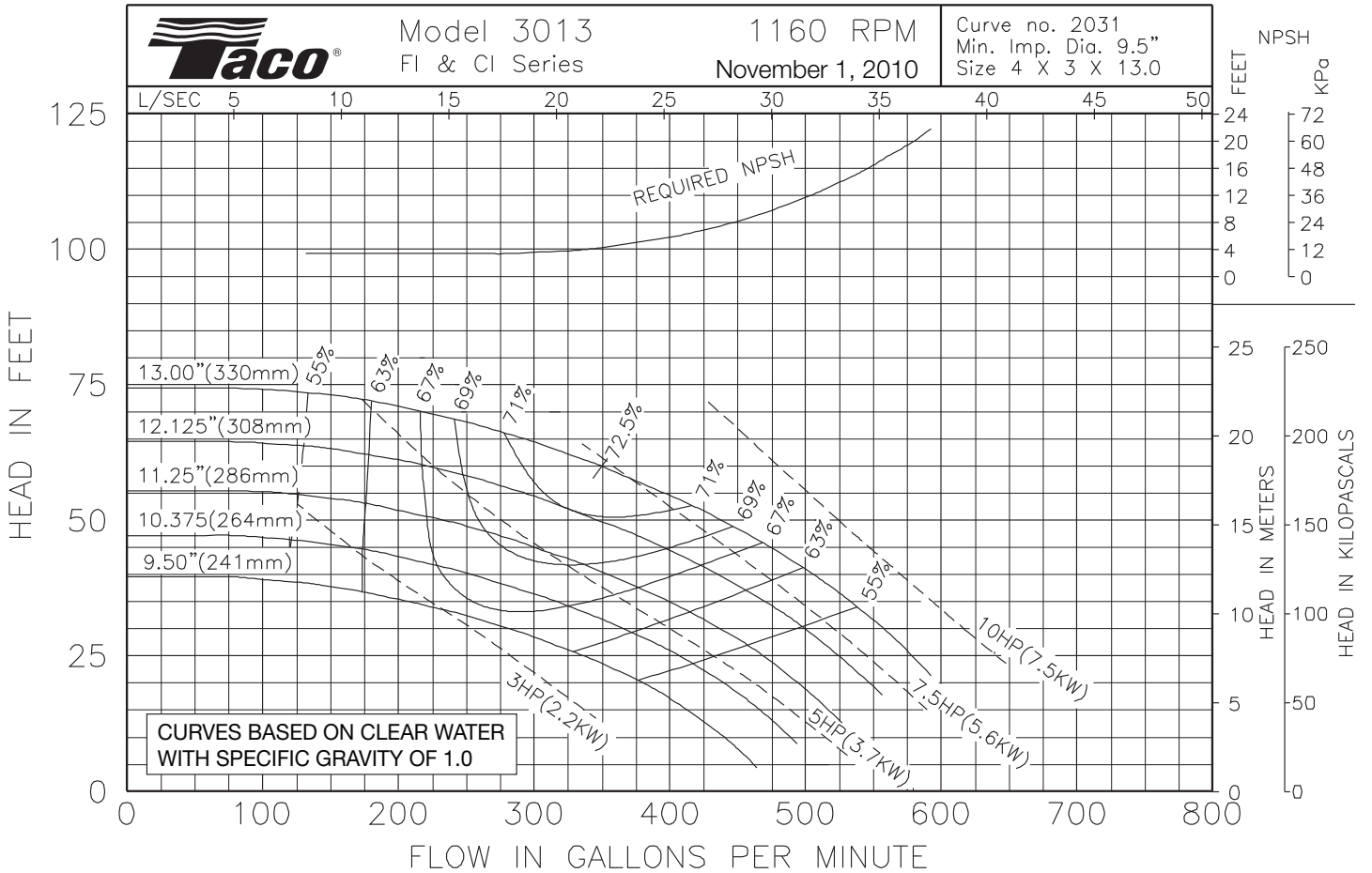
OPERATING SPECIFICATIONS

	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)
213T - 215T	730 (331)
254T - 256T	819 (371)



Comments:

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Submittal Data Information

FI Series Pumps

301-1418

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

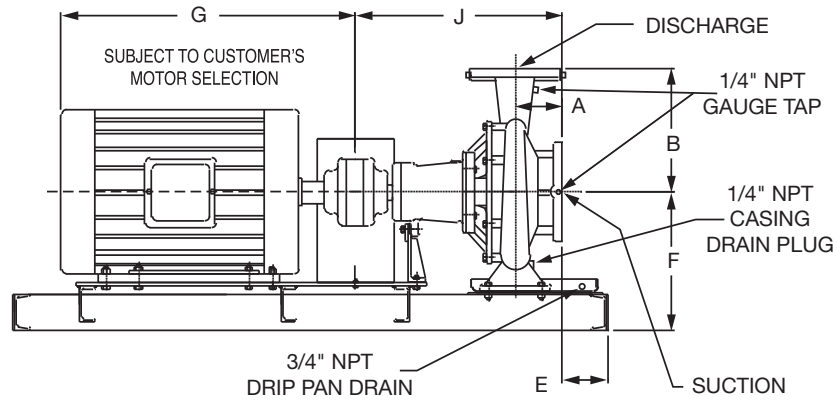
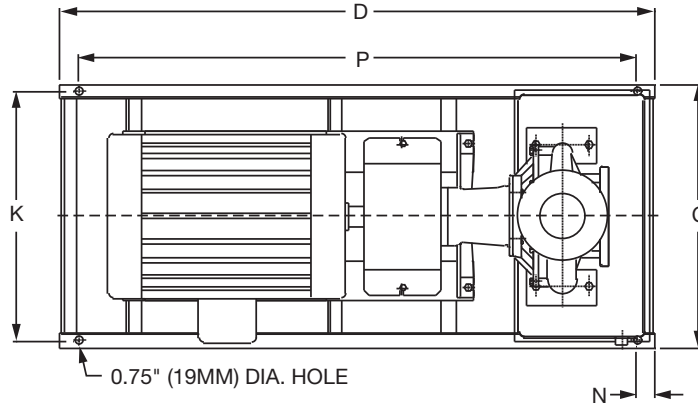
1160 RPM MODEL 4007

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	145T	1	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)	13.00 (330)	25.10 (638)	25.54 (648)	17.67 (449)	2.00 (51)	39.0 (991)
	182T	1.5					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		15.38 (391)			17.67 (449)		39.0 (991)
	184T	2					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		16.56 (421)			17.67 (449)		39.0 (991)
	213T	3					19.17 (487)	43.0 (1092)	0.88 (22)	0.44 (11)		17.94 (456)			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

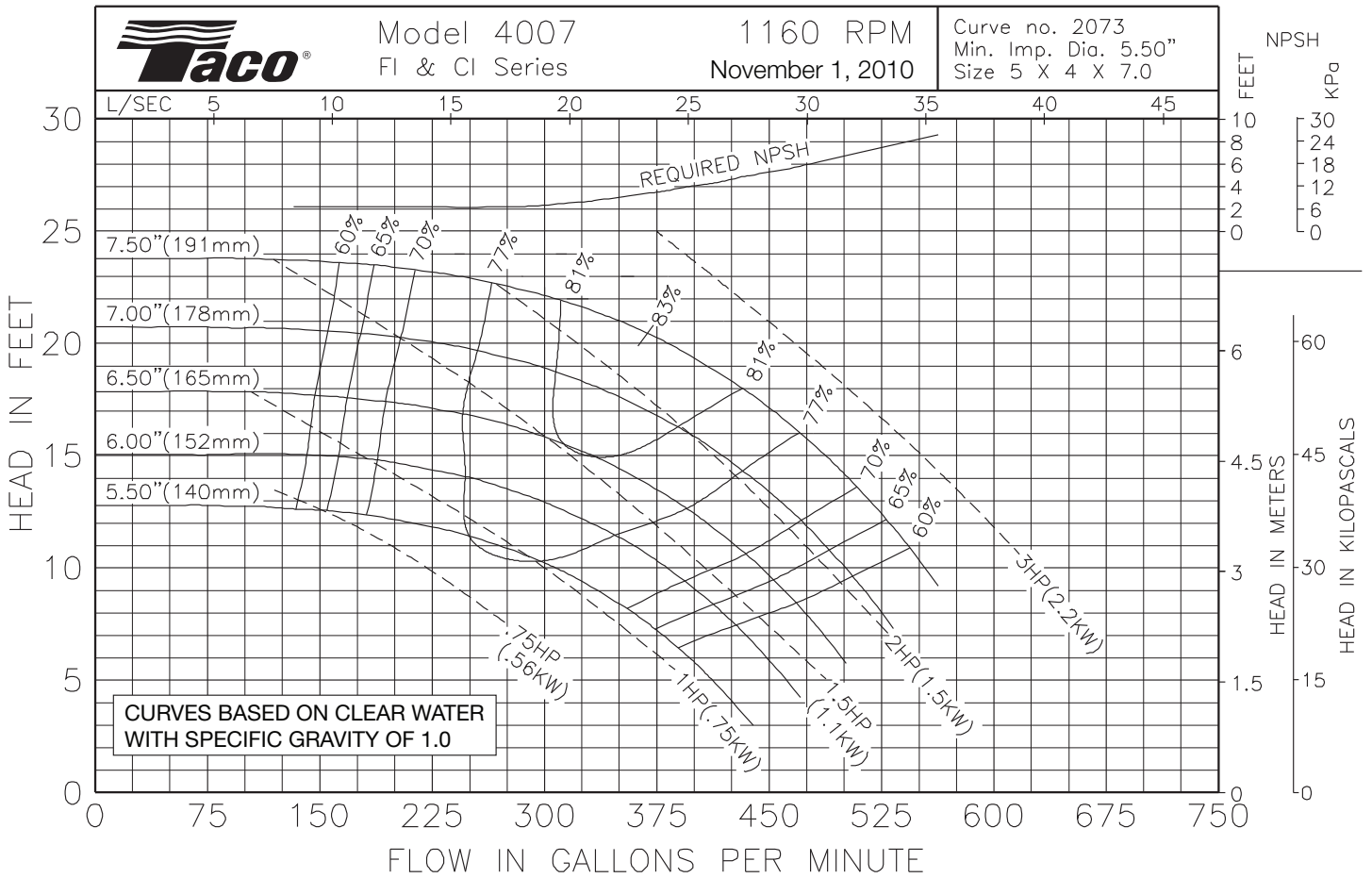
OPERATING SPECIFICATIONS

	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)
143T - 145T	388 (176)
182T - 184T	438 (199)
213T - 215T	504 (229)



Comments:

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Submittal Data Information

FI Series Pumps

301-1482

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

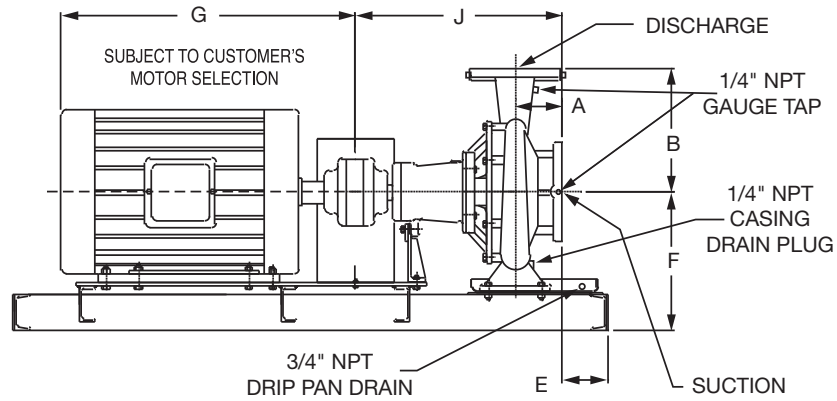
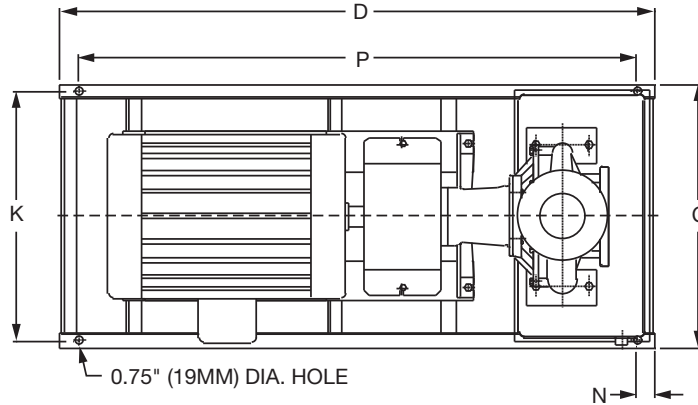
1160 RPM MODEL 4009

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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 120)	213T	3	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)	17.94 (456)	24.53 (623)	24.96 (634)	17.67 (449)	2.00 (51)	48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		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

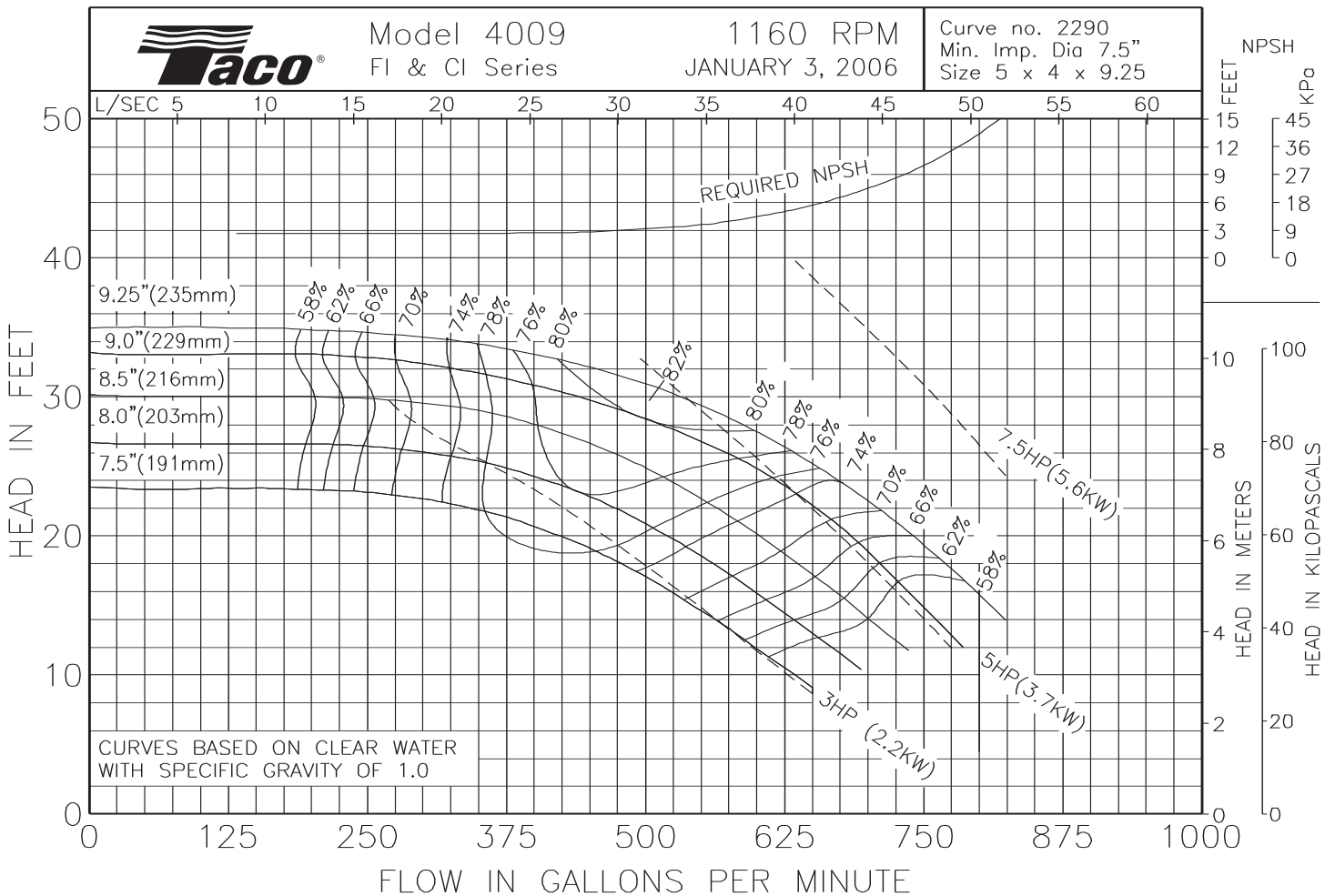
OPERATING SPECIFICATIONS

	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)
213T - 215T	544 (247)
254T - 256T	649 (294)



Comments:

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Submittal Data Information

FI Series Pumps

301-1484

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

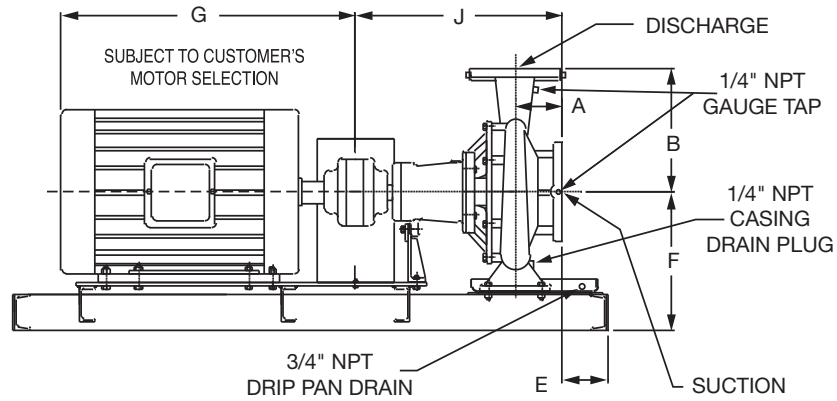
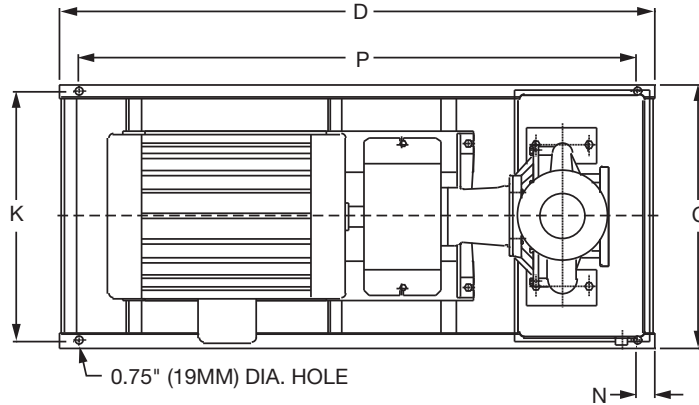
1160 RPM MODEL 4011

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	213T	3	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)	17.94 (456)	24.24 (616)	24.68 (627)	17.67 (449)	2.00 (51)	48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	10					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	15					19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)		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

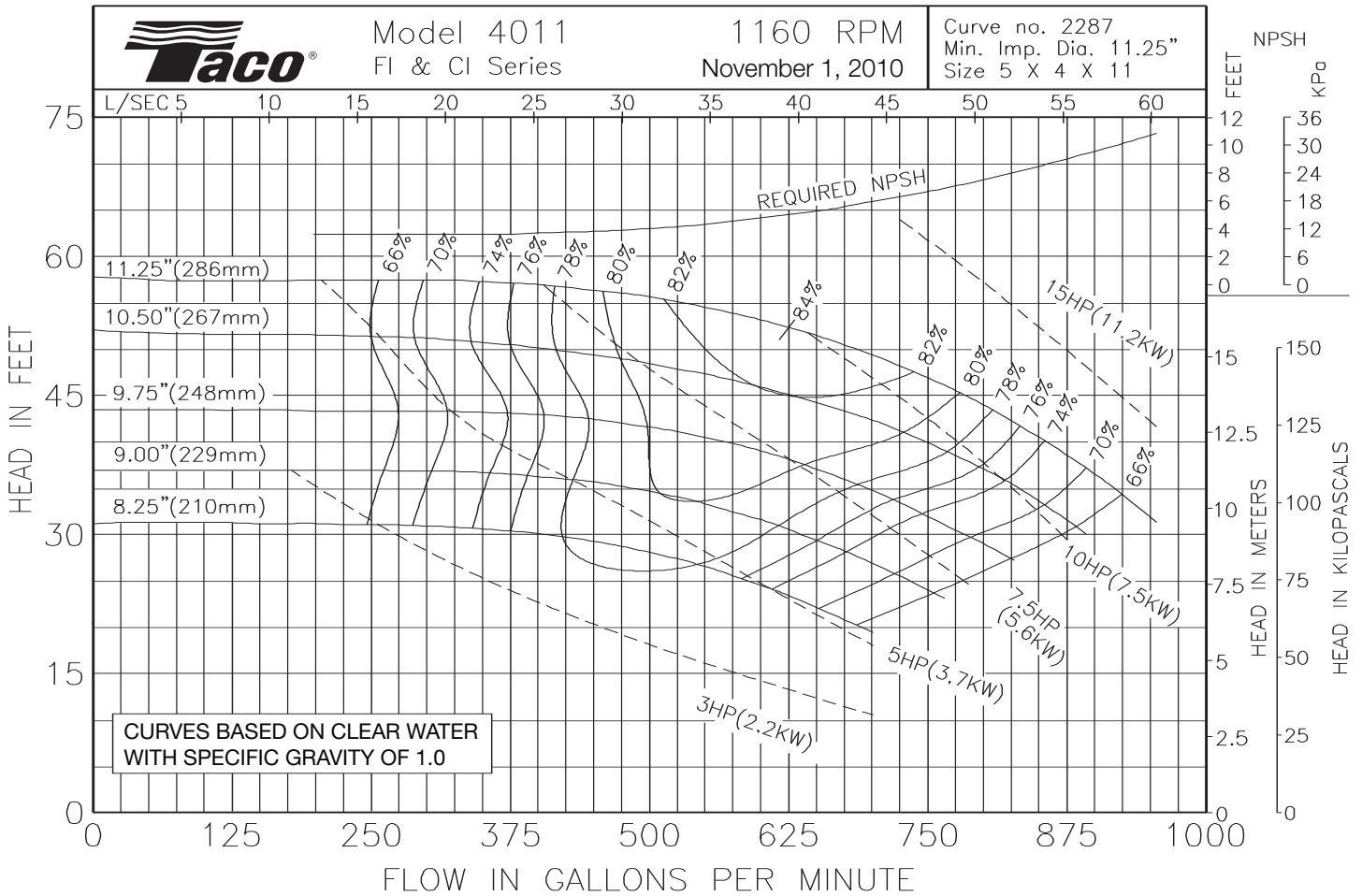
OPERATING SPECIFICATIONS

	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	565 (256)
254T - 256T	654 (297)
284T - 286T	793 (360)



Comments:

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Submittal Data Information

FI Series Pumps

301-2125

EFFECTIVE: JULY 31, 2012

SUPERSEDES: NEW

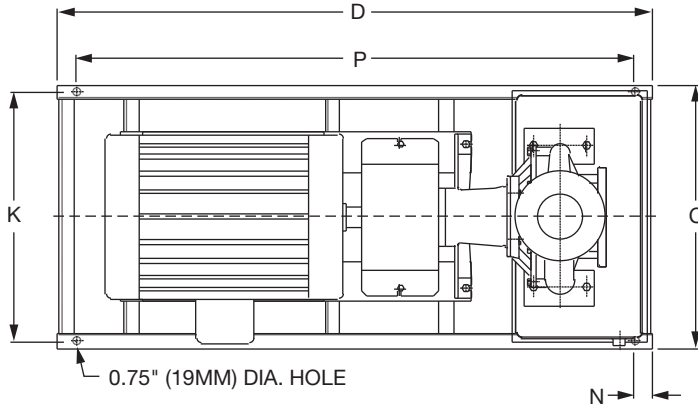
1160 RPM MODEL 4011C

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



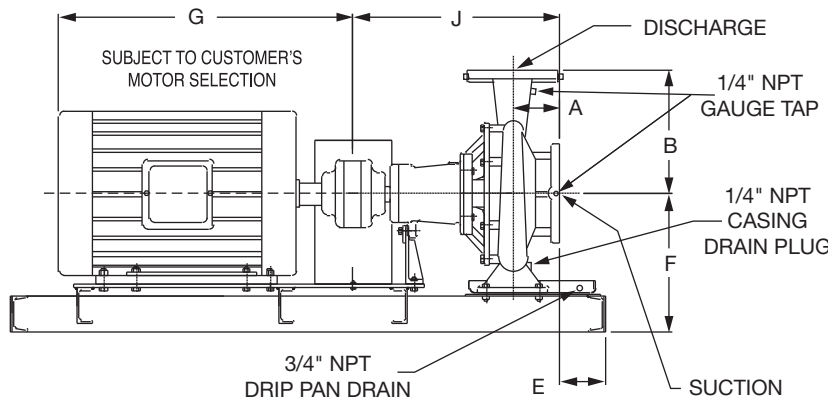
OPERATING SPECIFICATIONS

	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	565 (256)
254T - 256T	654 (297)



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

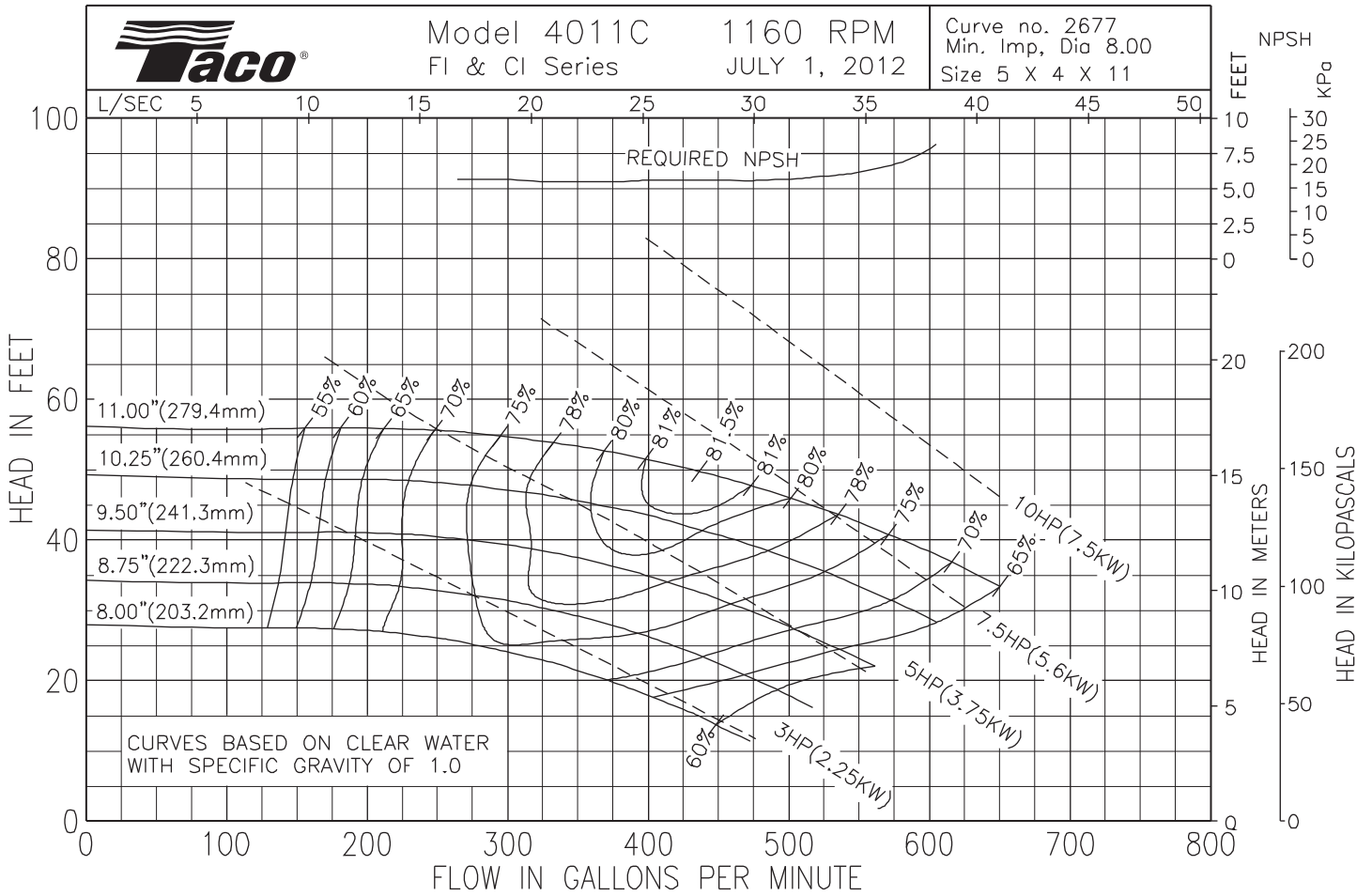
Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (RPM)	A		B		C	D	E		F	G	J		K	N	P
			ANSI Class 125	ANSI Class 250	ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			ANSI Class 125	ANSI Class 250			
4011C 5 x 4 (127 x 102)	213T	3	5.31 (135)	5.75 (146)	14.00 (356)	14.31 (363)	19.17 (487)	52.0 (1321)	0.46 (12)	0.03 (0.8)	14.03 (356)	17.94 (456)	24.24 (616)	24.68 (627)	17.67 (449)	2.00 (51)	48.0 (1219)
	215T	5										18.19 (462)					
	254T	7.5										21.69 (551)					
	256T	10										23.19 (589)					

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

301-1486

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

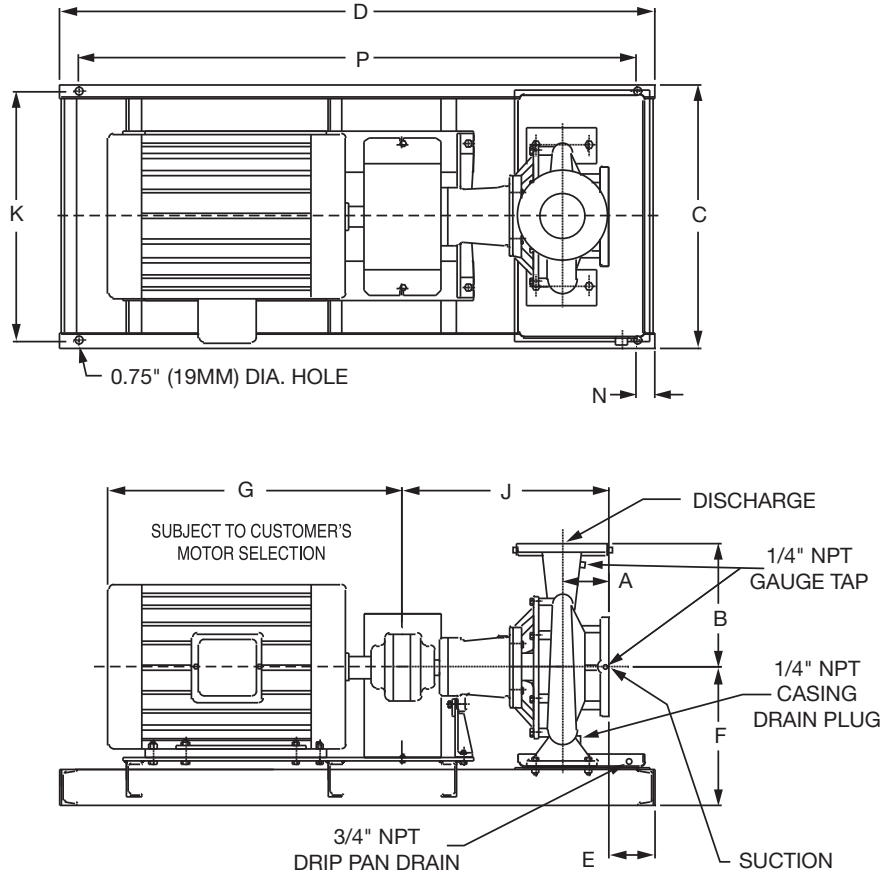
1160 RPM MODEL 4013

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	184T	2	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)	16.56 (421)	25.14 (639)	25.58 (650)	17.67 (449)	2.00 (51)	48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	10					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	15					19.17 (487)	52.0 (1321)	-0.34 (-8.6)	-0.77 (-20)		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

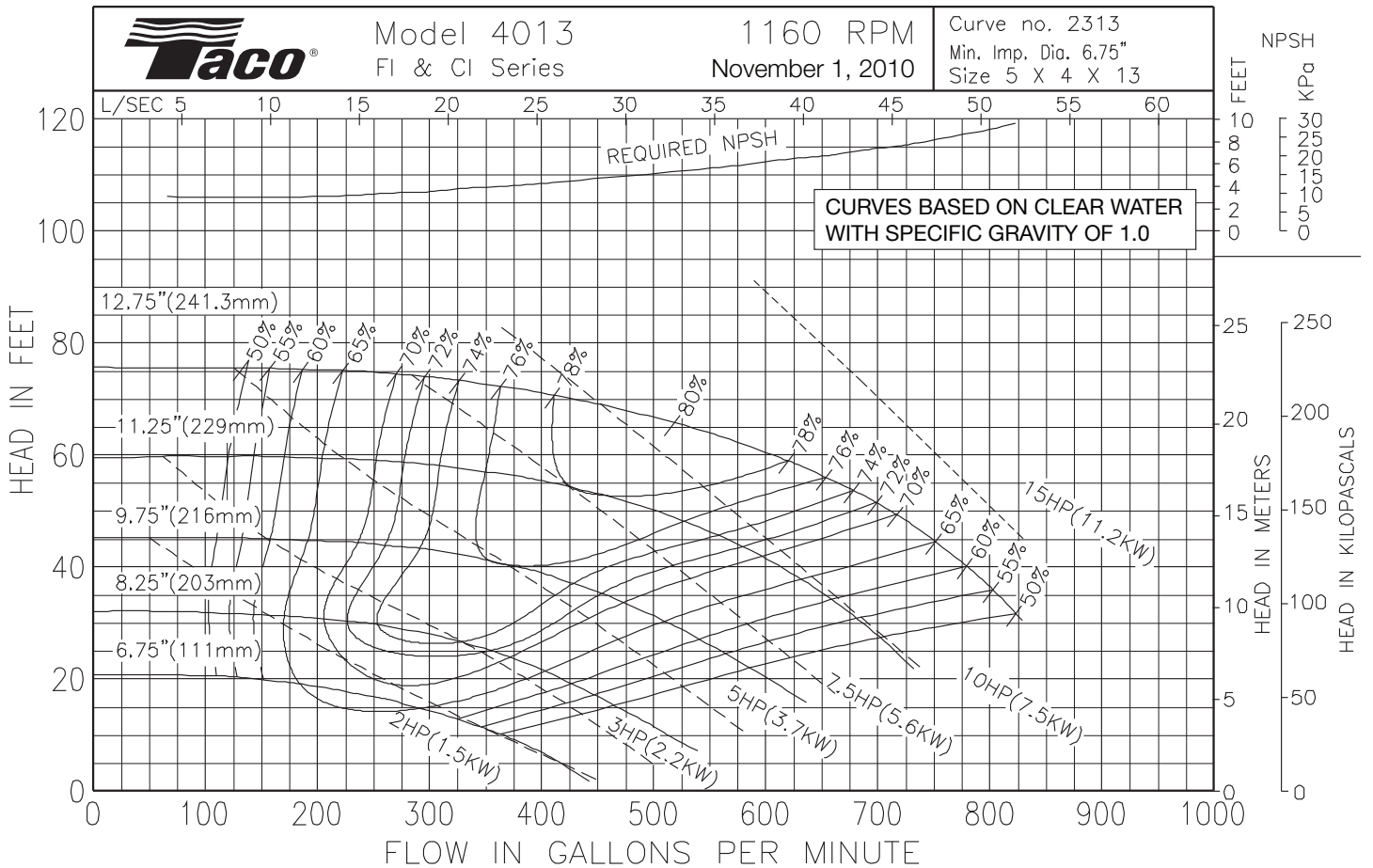
OPERATING SPECIFICATIONS

	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)
182T - 184T	567 (257)
213T - 215T	651 (295)
254T - 256T	740 (336)
284T - 286T	879 (399)



Comments:

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Submittal Data Information

FI Series Pumps

301-1451

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

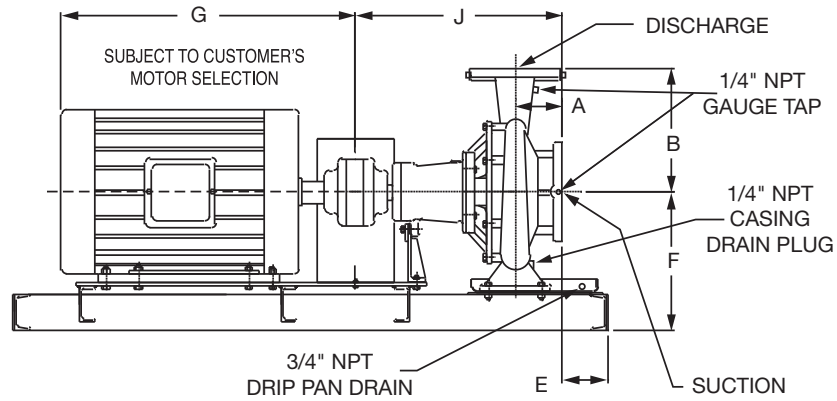
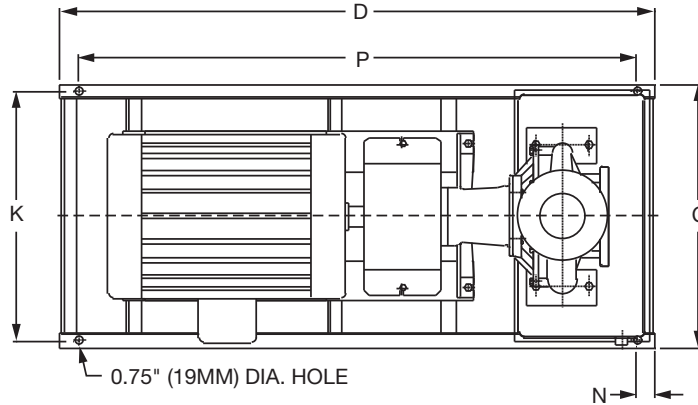
1160 RPM MODEL 4075

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	145T	1	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)	13.00 (330)	24.34 (618)	24.77 (629)	14.67 (373)	2.00 (51)	37.5 (923)
	182T	1.5					16.17 (411)	41.5 (1054)	0.94 (24)	0.50 (13)		15.38 (391)			14.67 (373)		37.5 (923)
	184T	2					16.17 (411)	41.5 (1054)	0.94 (24)	0.50 (13)		16.56 (421)			14.67 (373)		37.5 (923)
	213T	3					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.

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

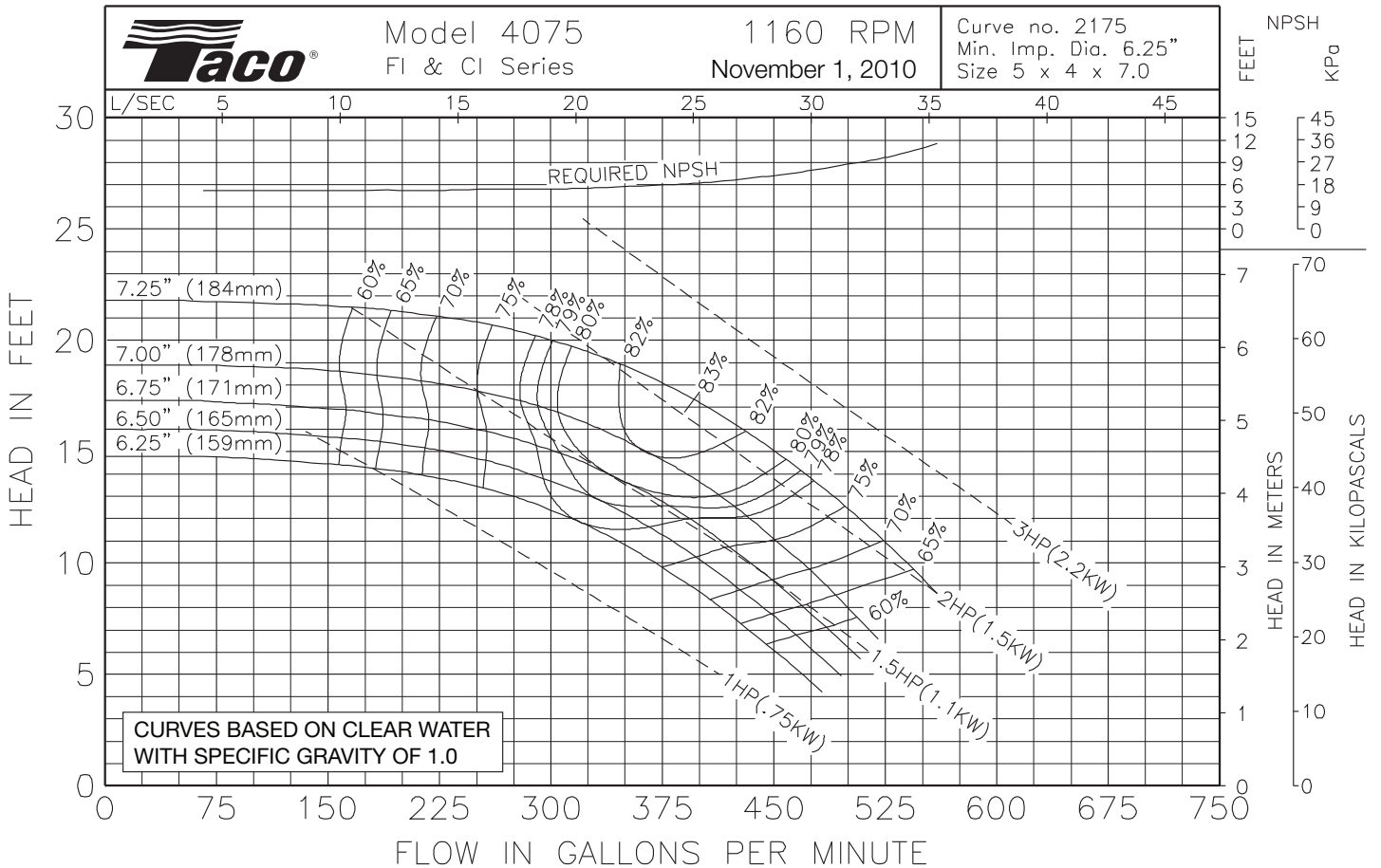
OPERATING SPECIFICATIONS

	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	404 (183)
182T - 184T	454 (206)
213T - 215T	520 (236)



Comments:

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Submittal Data Information

FI Series Pumps

301-1454

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

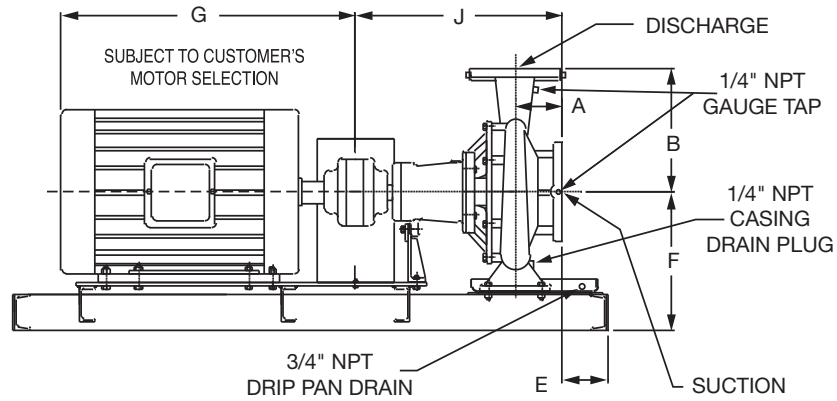
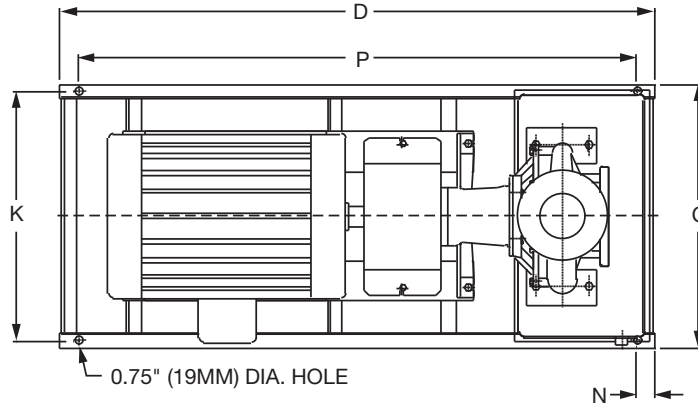
1160 RPM MODEL 5007

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	182T	1.5	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)	15.38 (391)	25.05 (636)	25.49 (647)	17.67 (449)	2.00 (51)	39.0 (991)		
	184T	2																16.56 (421)	39.0 (991)
	213T	3																17.94 (456)	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

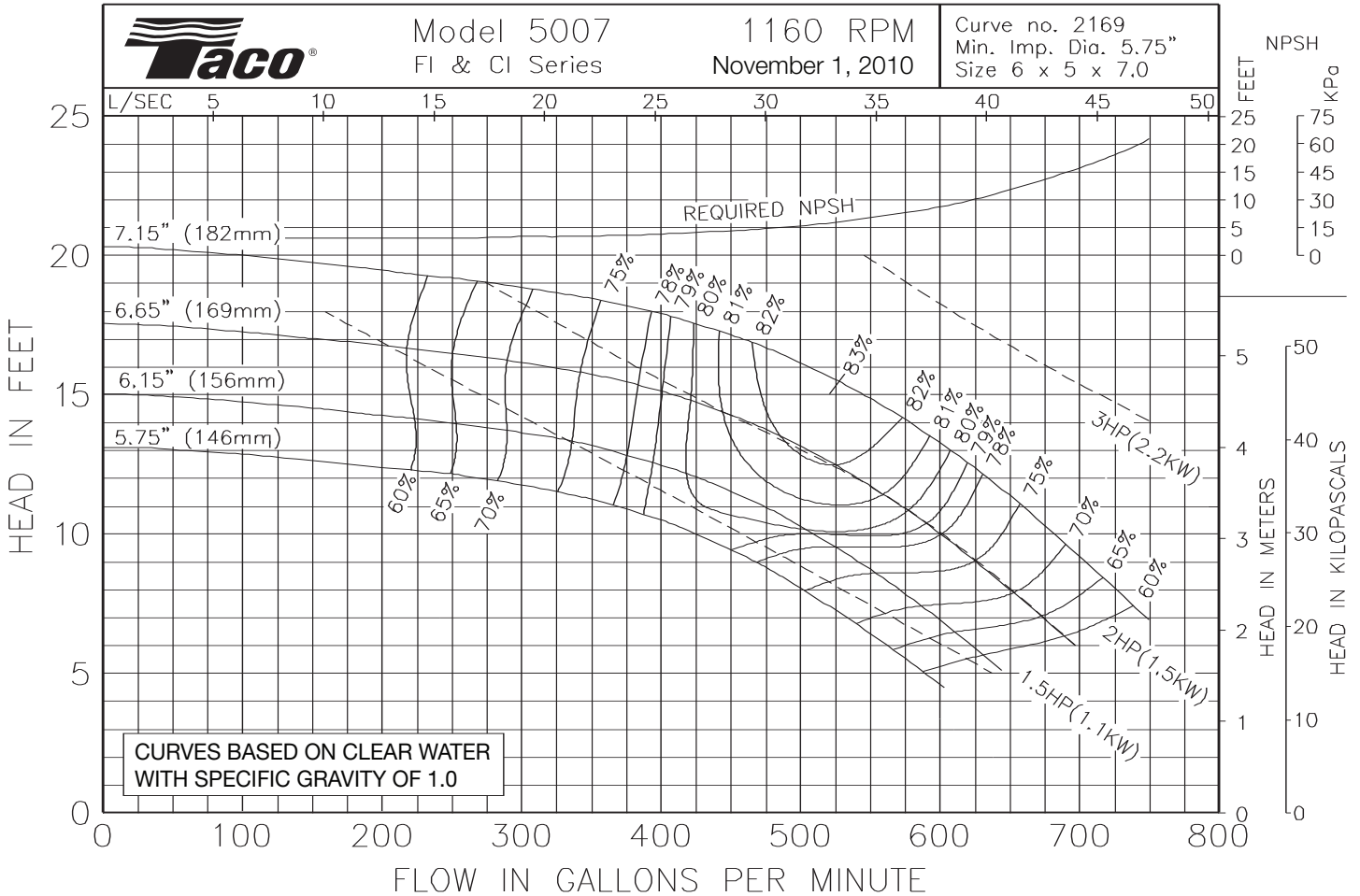
OPERATING SPECIFICATIONS

	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	494 (224)
213T - 215T	560 (254)



Comments:

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Submittal Data Information

FI Series Pumps

301-1430

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

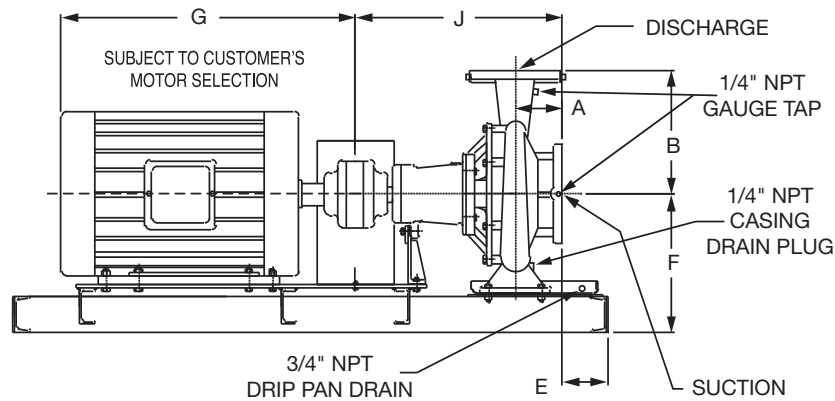
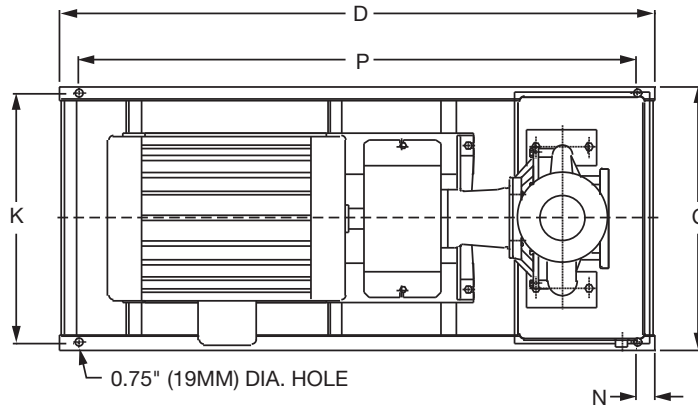
1160 RPM MODEL 5009

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 1160 (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)	182T	1.5	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)	15.38 (391)	24.27 (616)	24.71 (628)	17.67 (449)	2.00 (50)	48.0 (1219)
	184T	2					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		16.56 (421)			17.67 (449)		48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	2.38 (60)	1.94 (49)		21.69 (551)			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

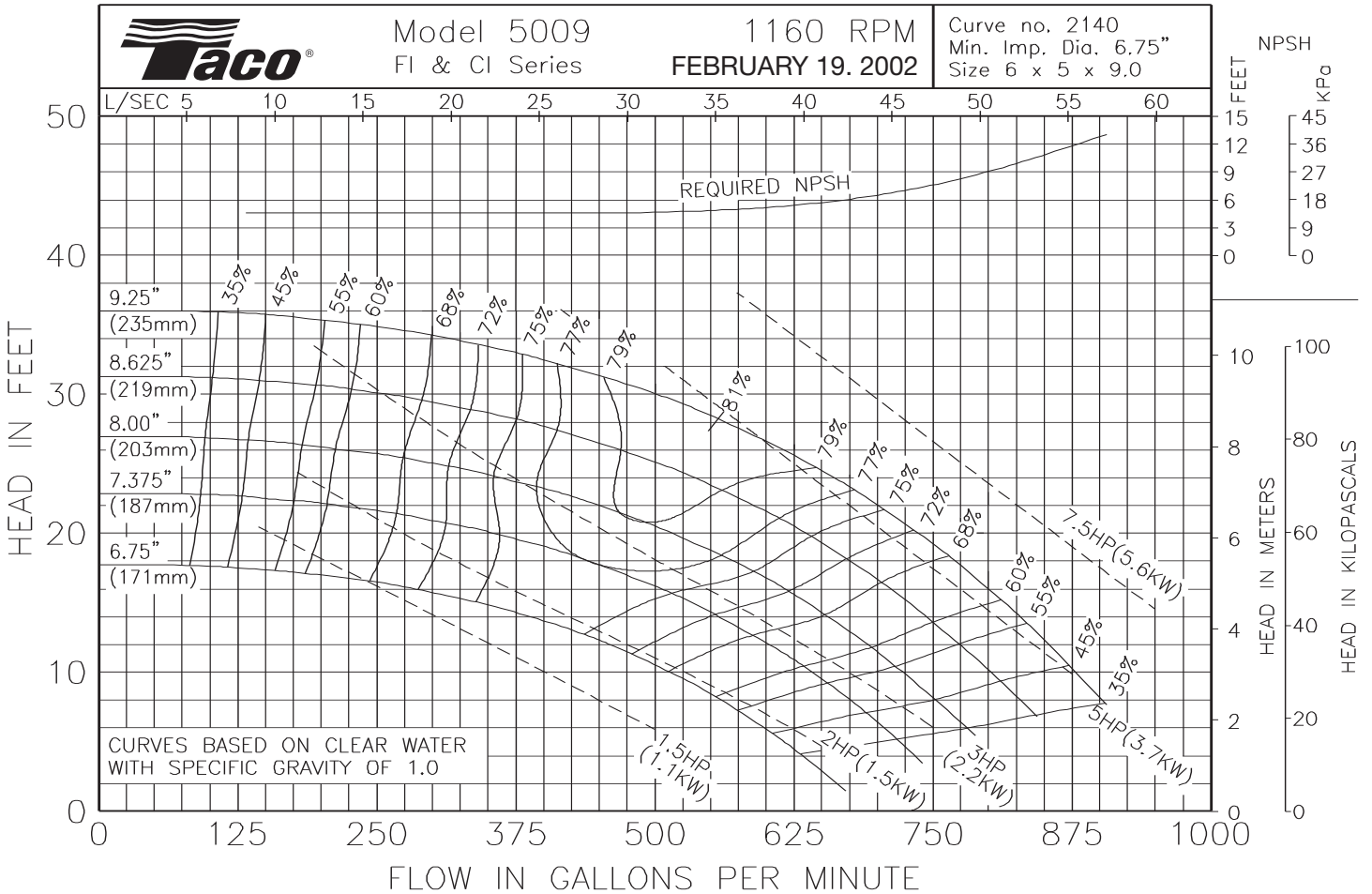
OPERATING SPECIFICATIONS

	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)
182T - 184T	509 (231)
213T - 215T	593 (269)
254T - 256T	698 (317)



Comments:

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Submittal Data Information

FI Series Pumps

301-1439

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

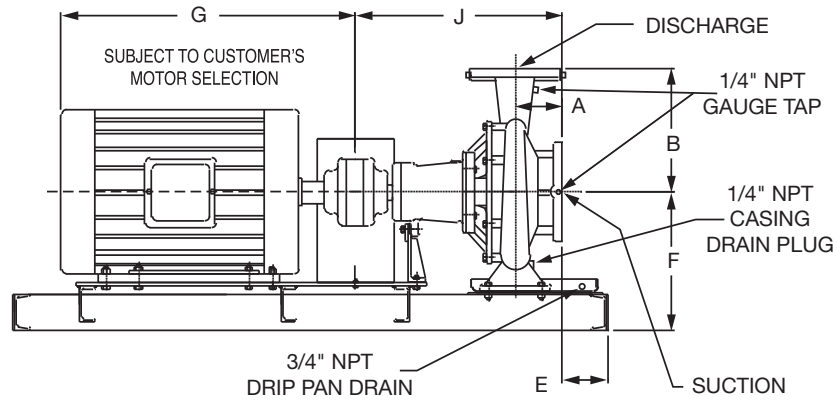
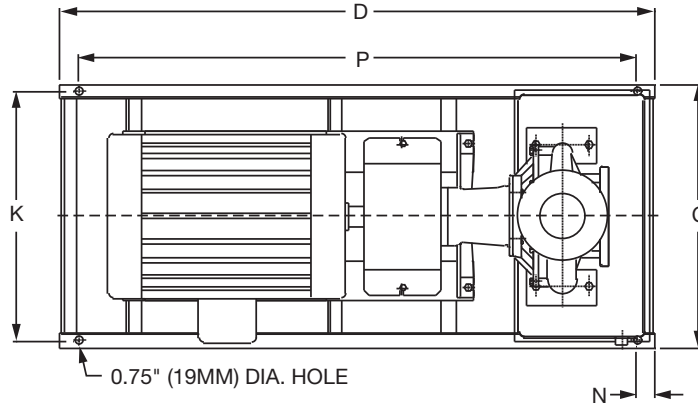
1160 RPM MODEL 5011

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	213T	3	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)	17.94 (456)	24.32 (618)	24.76 (629)	23.67 (601)	2.00 (51)	49.0 (1245)
	215T	5					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		18.19 (462)			23.67 (601)		49.0 (1245)
	254T	7.5					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		21.69 (551)			23.67 (601)		49.0 (1245)
	256T	10					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		23.19 (589)			23.67 (601)		49.0 (1245)

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

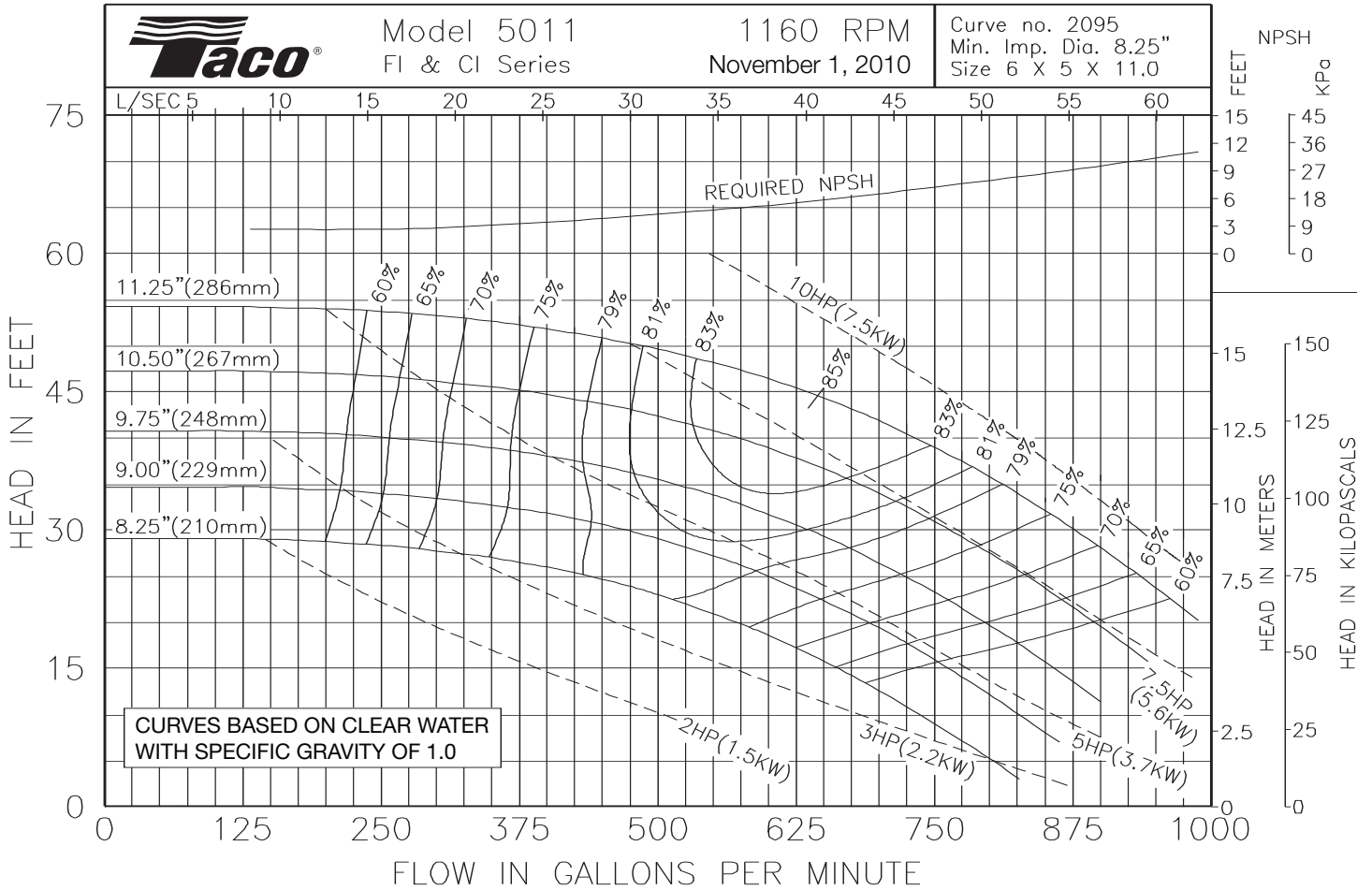
OPERATING SPECIFICATIONS

	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	687 (312)
254T - 256T	776 (352)



Comments:

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Submittal Data Information

FI Series Pumps

301-1447

EFFECTIVE: NOVEMBER 1, 2010

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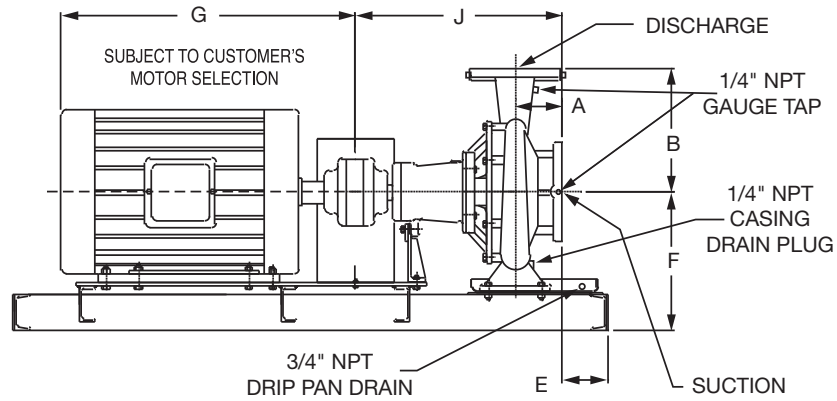
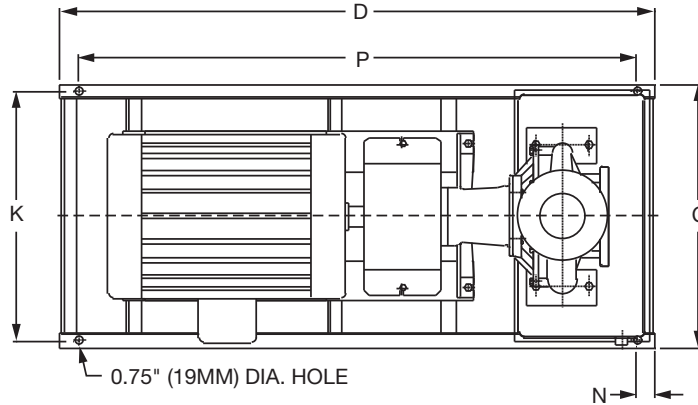
1160 RPM MODEL 5013

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	215T	5	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)	18.19 (462)	25.84 (656)	26.28 (668)	23.67 (601)	2.00 (50)	49.0 (1245)
	254T	7.5					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		21.69 (551)			23.67 (601)		49.0 (1245)
	256T	10					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		23.19 (589)			23.67 (601)		49.0 (1245)
	284T	15					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		24.94 (633)			23.67 (601)		49.0 (1245)
	286T	20					25.17 (639)	53.0 (1346)	1.48 (38)	1.04 (26)		25.06 (637)			23.67 (601)		49.0 (1245)

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

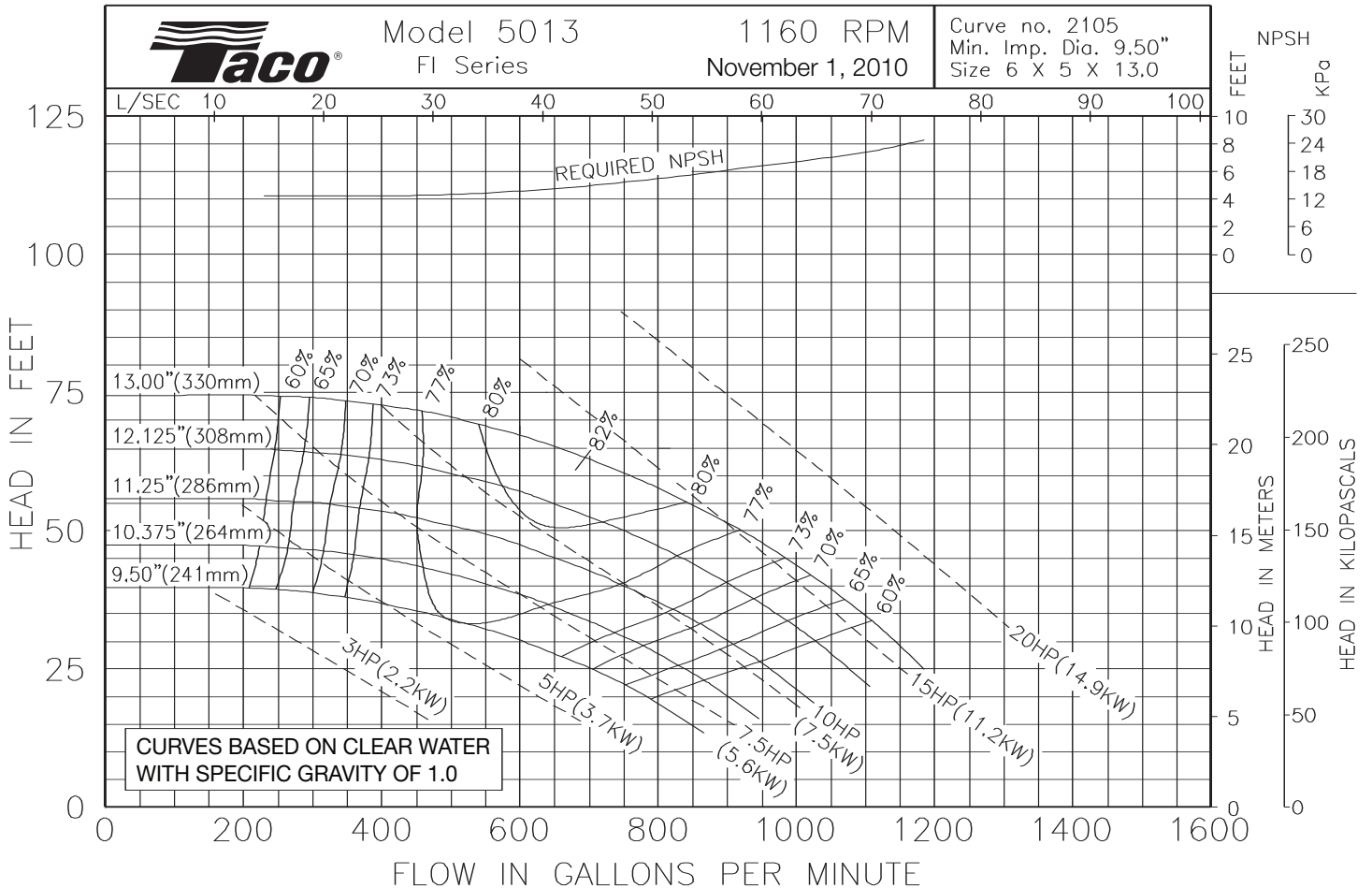
OPERATING SPECIFICATIONS

	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	774 (351)
254T - 256T	863 (391)
284T - 286T	1032 (468)



Comments:

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Submittal Data Information

FI Series Pumps

301-1457

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

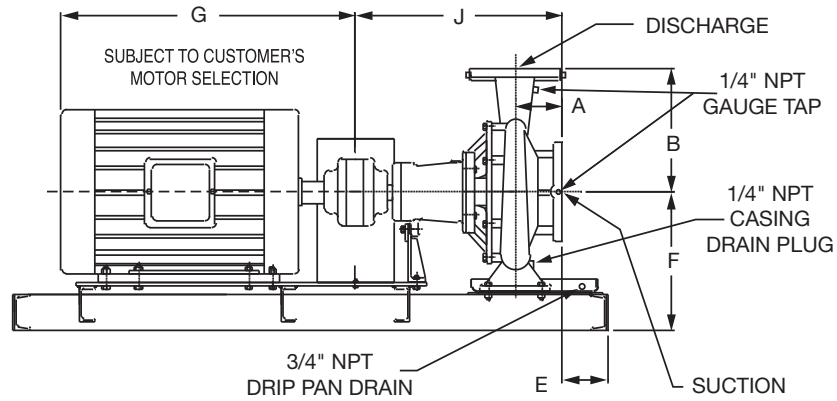
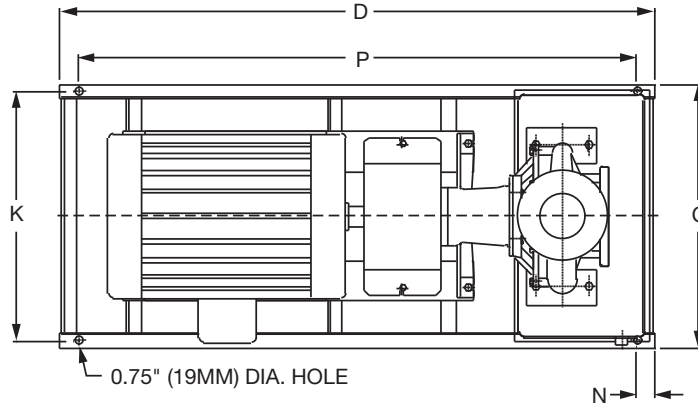
1160 RPM MODEL 5095

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	184T	2	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)	16.56 (421)	24.35 (618)	24.79 (630)	17.67 (449)	2.00 (51)	48.0 (1219)
	213T	3					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		17.94 (456)			17.67 (449)		48.0 (1219)
	215T	5					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		18.19 (462)			17.67 (449)		48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	1.94 (49)	1.50 (38)		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

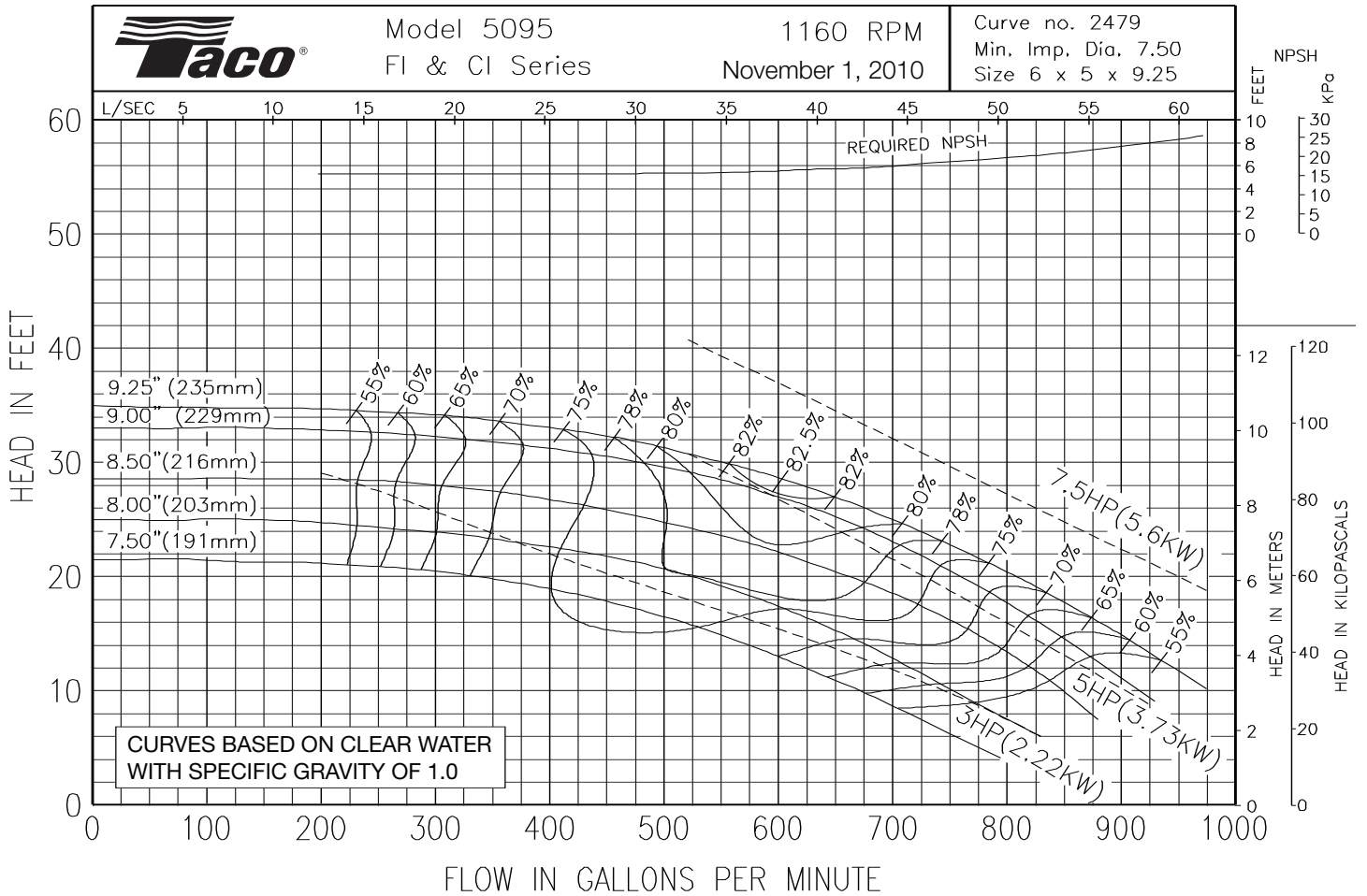
OPERATING SPECIFICATIONS

	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	534 (242)
213T - 215T	618 (280)
254T - 256T	723 (328)



Comments:

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Submittal Data Information

FI Series Pumps

301-1725

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SUPERSEDES: OCTOBER 1, 2009

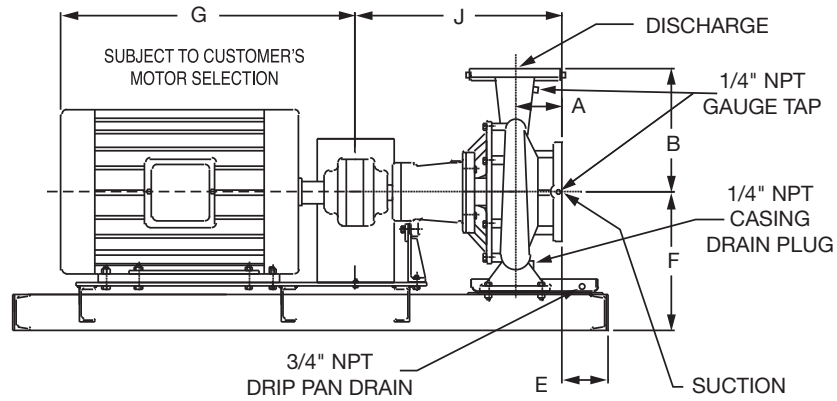
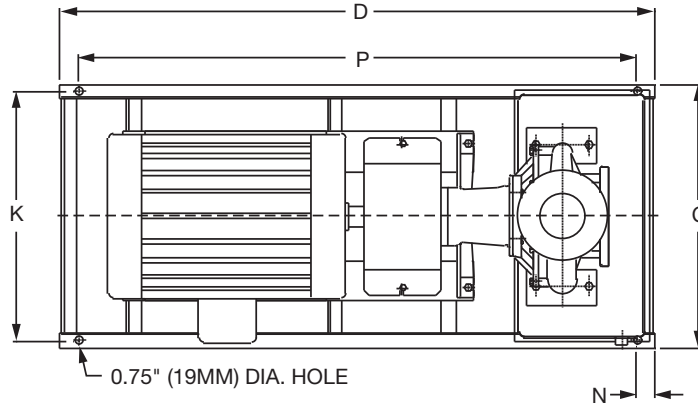
1160 RPM MODEL 6009B

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	215T	5	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)	18.19 (462)	25.76 (654)	26.26 (667)	17.67 (449)	2.00 (50)	48.0 (1219)
	254T	7.5					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		21.69 (551)			17.67 (449)		48.0 (1219)
	256T	10					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		23.19 (589)			17.67 (449)		48.0 (1219)
	284T	15					19.17 (487)	52.0 (1321)	1.03 (26)	0.59 (15)		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

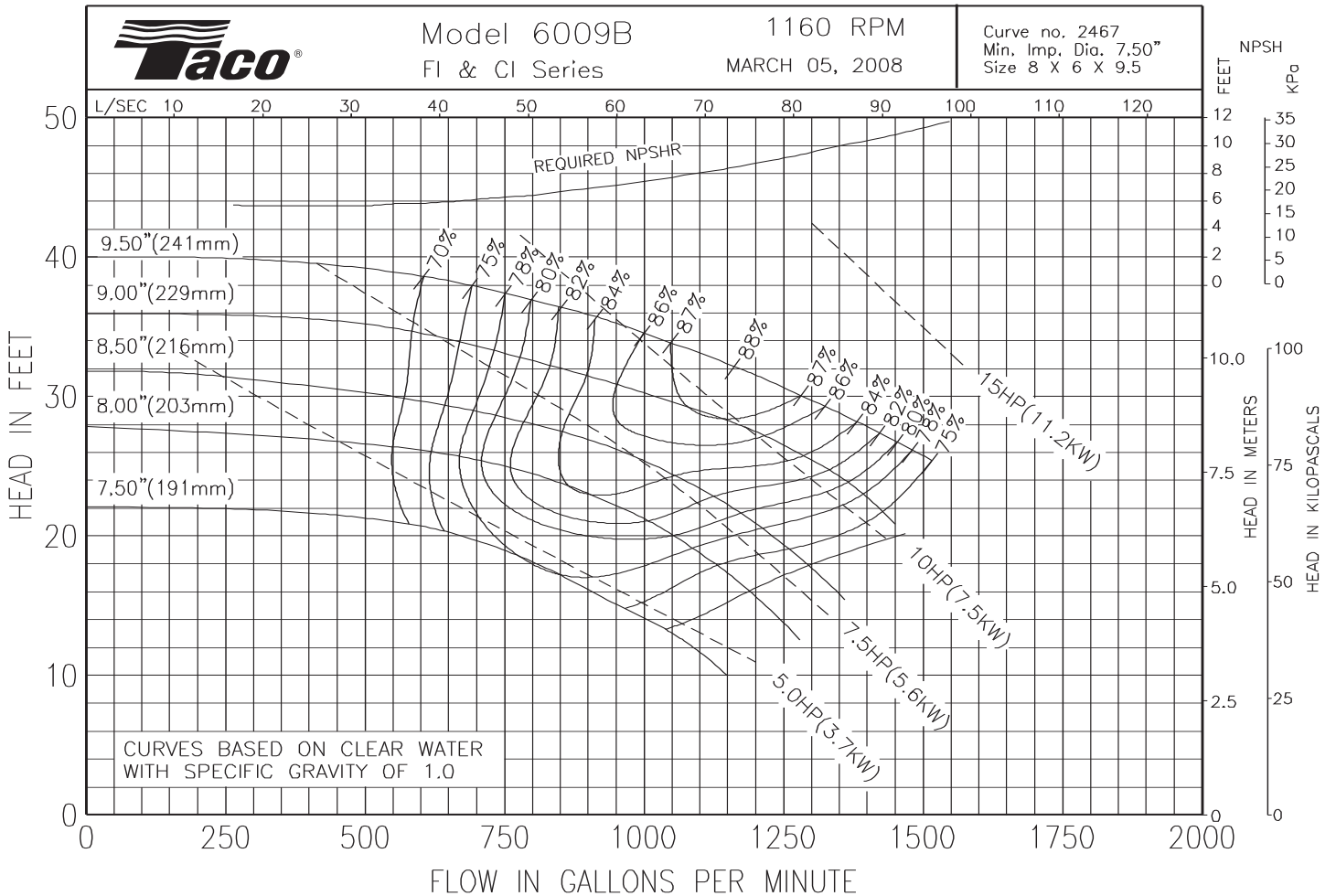
OPERATING SPECIFICATIONS

	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	718 (326)
254T - 256T	807 (366)
284T - 286T	946 (429)



Comments:

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Submittal Data Information

FI Series Pumps

301-1441

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

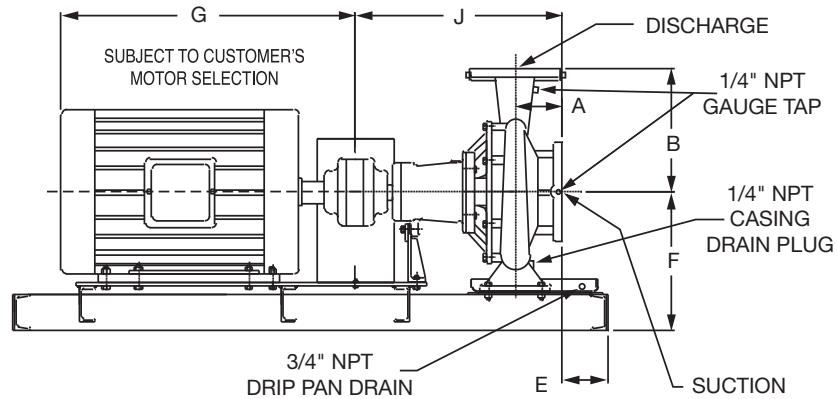
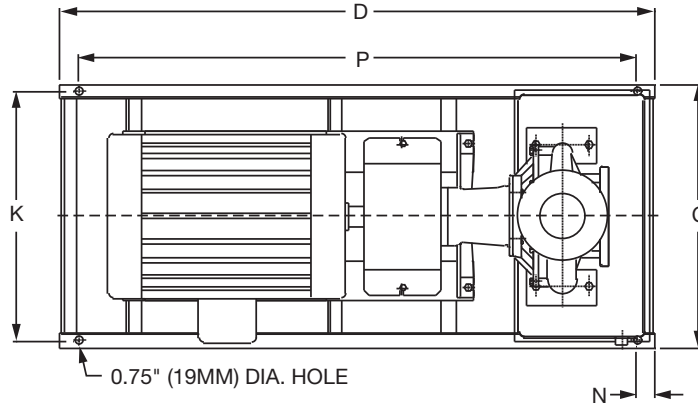
1160 RPM MODEL 6011

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	215T	5	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)	18.19 (462)	25.61 (650)	26.11 (663)	23.67 (601)	2.00 (50)	49.0 (1245)
	254T	7.5					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		21.69 (551)			23.67 (601)		49.0 (1245)
	256T	10					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		23.19 (589)			23.67 (601)		49.0 (1245)
	284T	15					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		24.94 (633)			23.67 (601)		49.0 (1245)

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

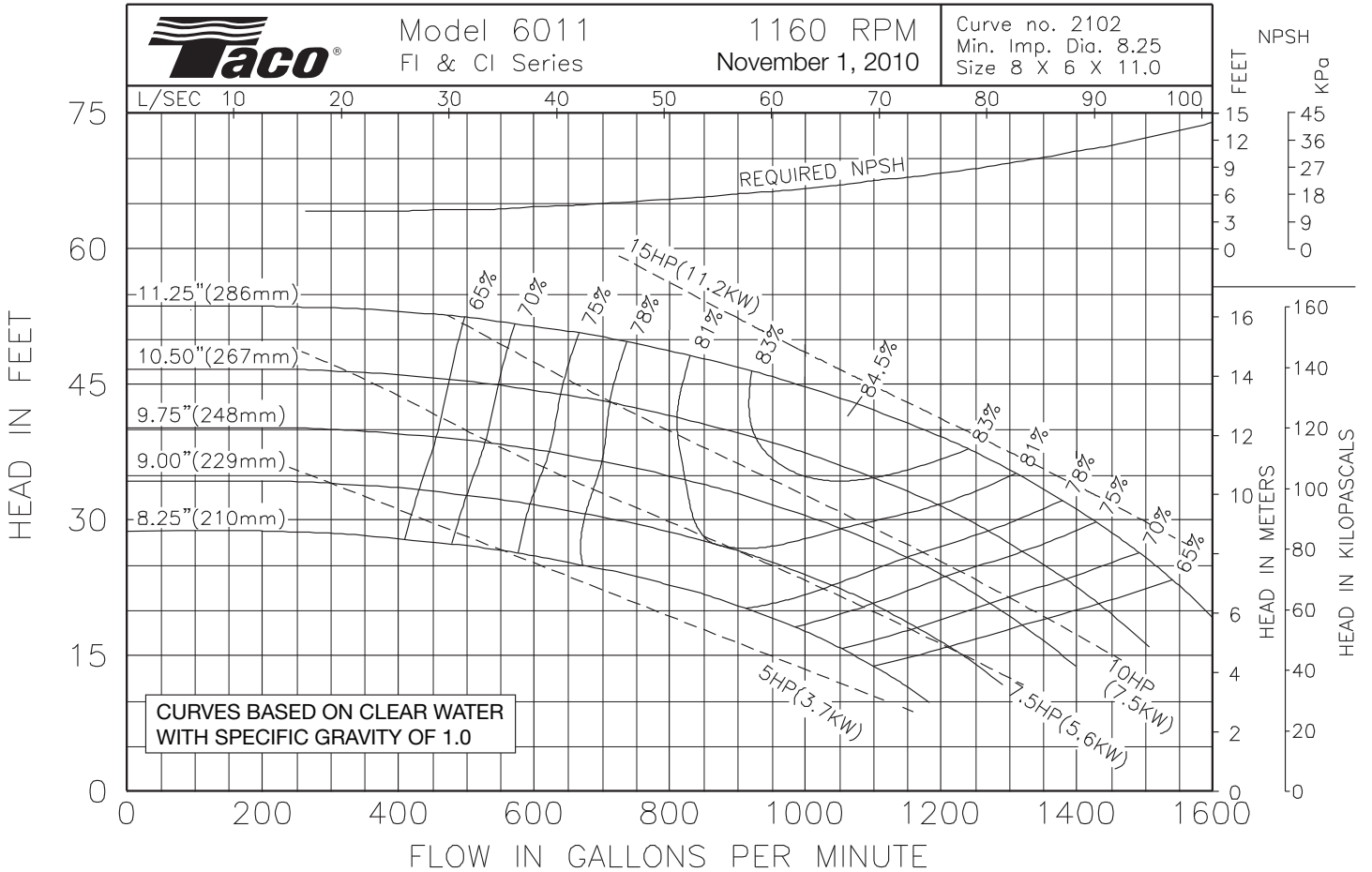
OPERATING SPECIFICATIONS

	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	851 (386)
254T - 256T	940 (426)
284T - 286T	1079 (489)



Comments:

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Submittal Data Information

FI Series Pumps

301-1449

EFFECTIVE: MARCH 1, 2010

SUPERSEDES: OCTOBER 1, 2009

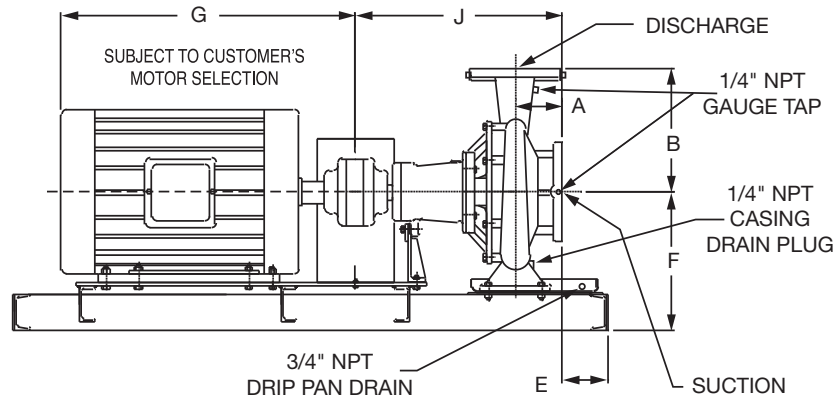
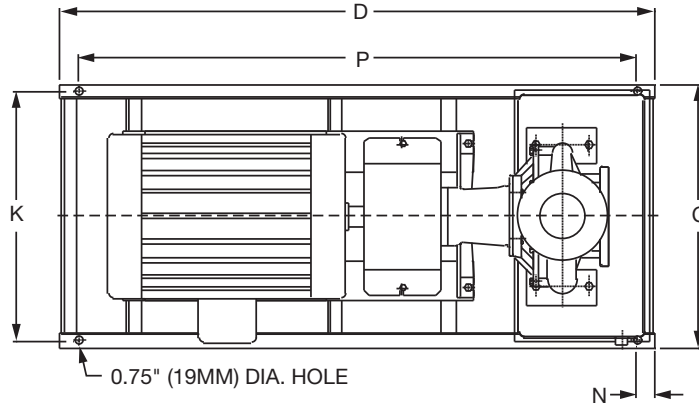
1160 RPM MODEL 6013

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 1160 (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)	254T	7.5	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)	21.69 (551)	26.87 (682)	27.37 (695)	23.67 (601)	2.00 (50)	49.0 (1245)
	256T	10					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		23.19 (589)			23.67 (601)		49.0 (1245)
	284T	15					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		24.94 (633)			23.67 (601)		49.0 (1245)
	286T	20					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		25.06 (637)			23.67 (601)		49.0 (1245)
	324T	25					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		26.69 (678)			23.67 (601)		49.0 (1245)
	326T	30					25.17 (639)	53.0 (1346)	0.94 (24)	0.44 (11)		27.69 (703)			23.67 (601)		49.0 (1245)

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

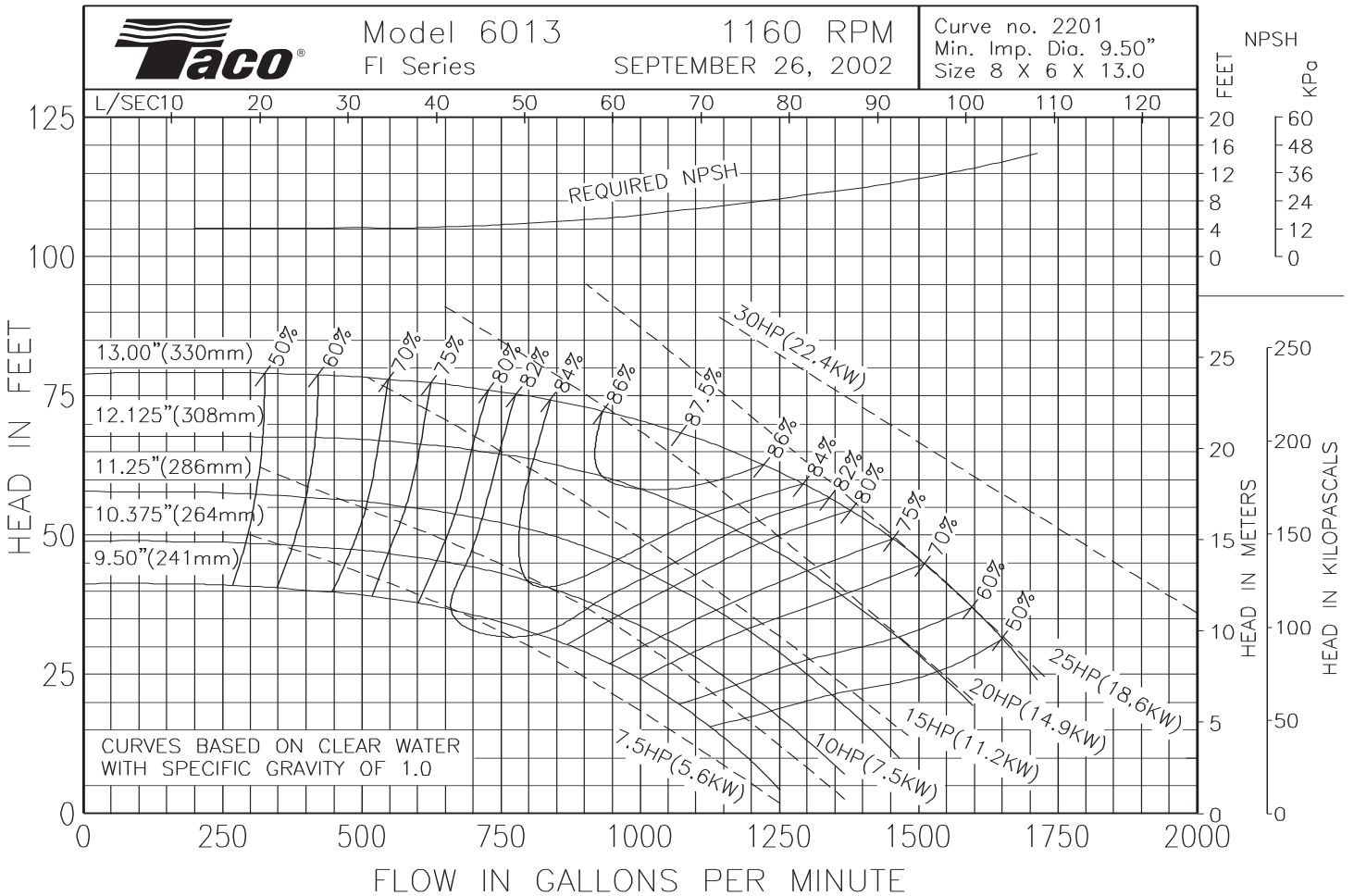
OPERATING SPECIFICATIONS

	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	1061 (481)
284T - 286T	1230 (558)
324T - 326T	1358 (616)



Comments:

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Submittal Data Information

FI Series Pumps

301-1488

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: MARCH 1, 2010

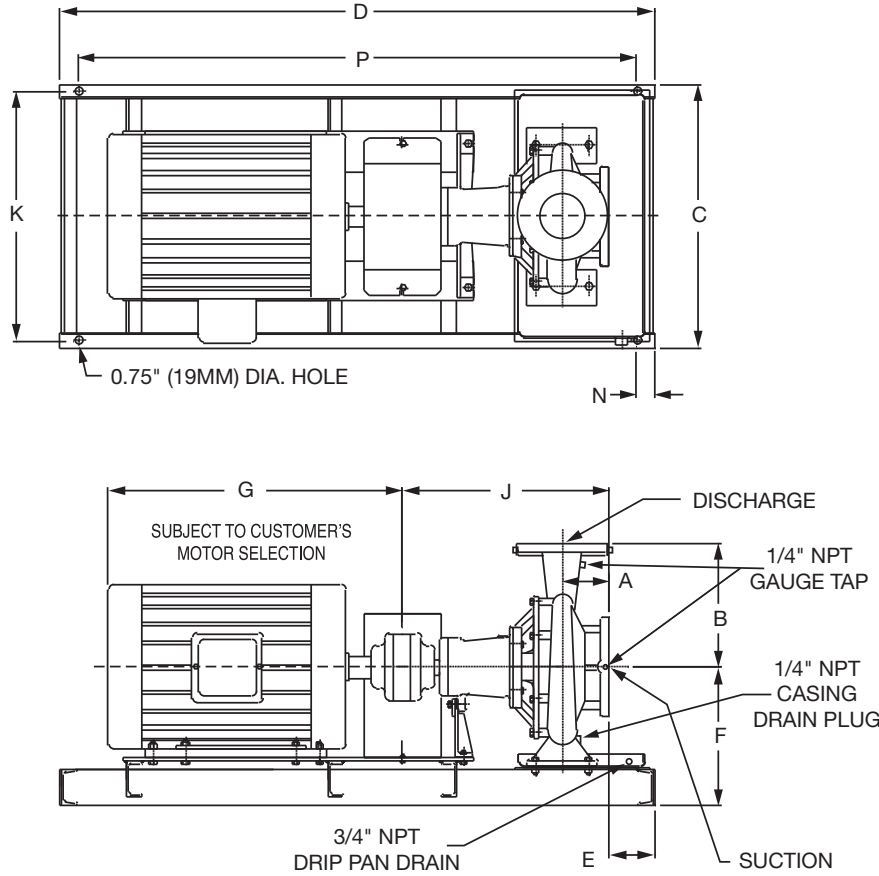
1160 RPM MODEL 8013

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1160 (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)	256T	10	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)	23.19 (589)	31.65 (804)	32.33 (821)	23.67 (601)	2.00 (51)	56.0 (1422)
	284T	15					25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)		24.94 (633)			23.67 (601)		56.0 (1422)
	286T	20					25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)		25.06 (637)			23.67 (601)		56.0 (1422)
	324T	25					25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)		26.69 (678)			23.67 (601)		56.0 (1422)
	326T	30					25.17 (639)	60.0 (1524)	2.38 (60)	1.69 (43)		27.69 (703)			23.67 (601)		56.0 (1422)
	364T	40					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		29.69 (754)			23.67 (601)		70.0 (1778)
	365T	50					25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)		29.69 (754)			23.67 (601)		70.0 (1778)
404T	60	25.17 (639)	74.0 (1880)	2.38 (60)	1.69 (43)	34.00 (864)	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

CF - Consult Factory

N/A - Not Available

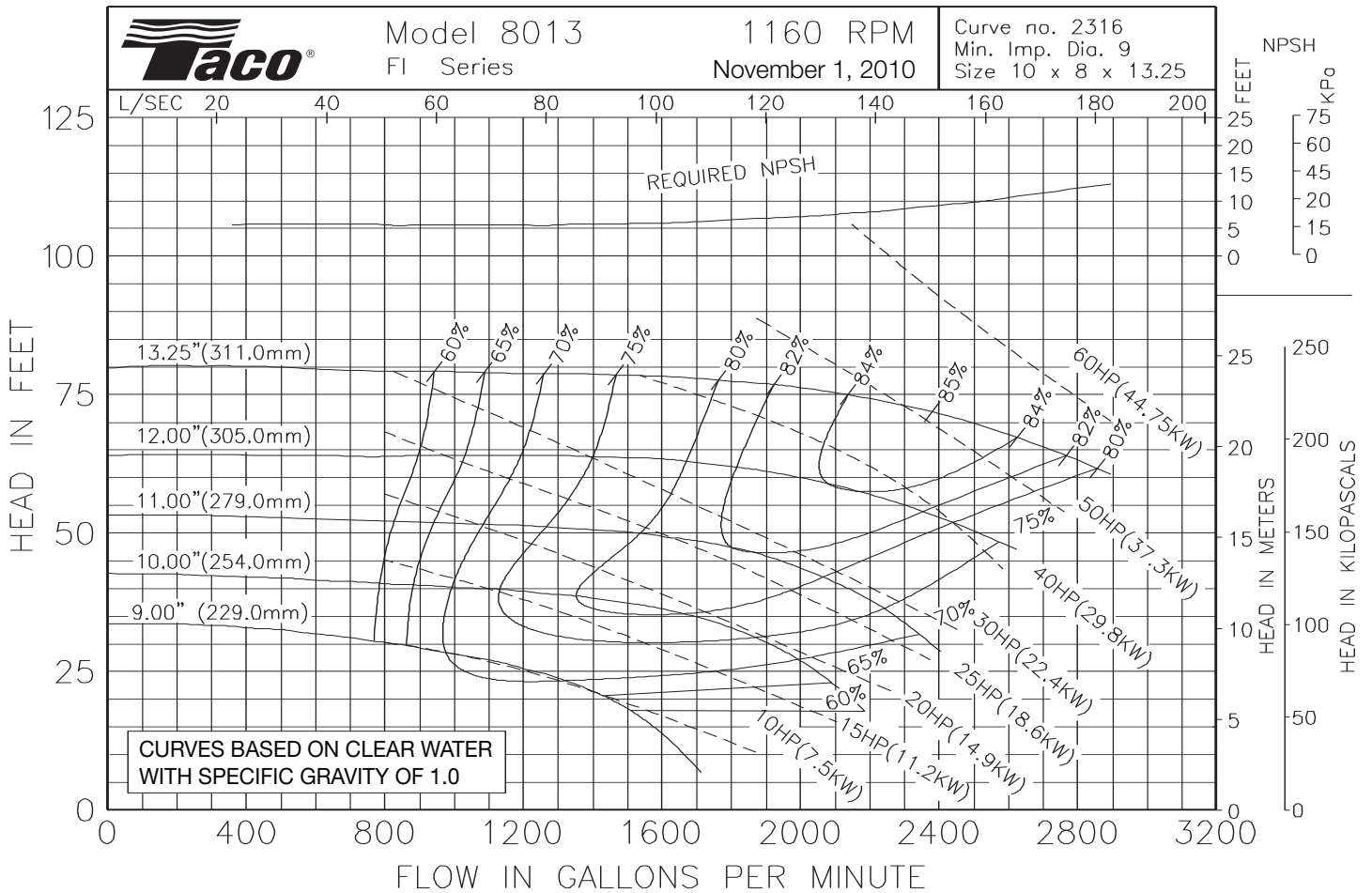
OPERATING SPECIFICATIONS

	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	1161 (527)
284T - 286T	1330 (603)
324T - 326T	1458 (661)
364T - 365T	1710 (776)
404T - 405T	1930 (875)



Comments:

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