



# Submittal Data Information CI Series Pumps

301-1300

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

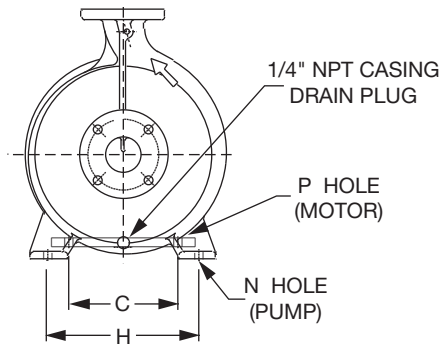
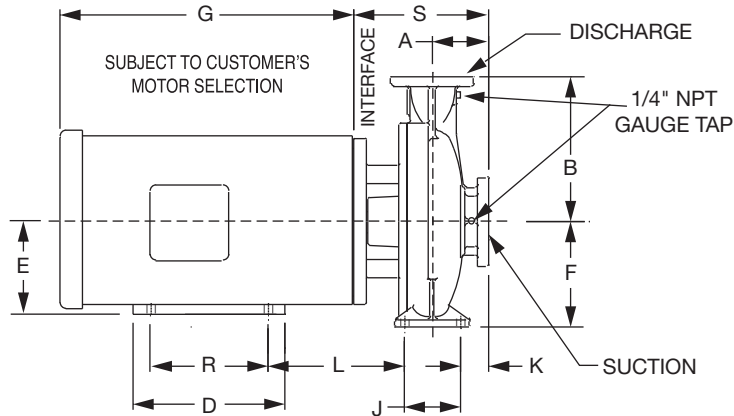
1760 RPM MODEL 1206

JOB \_\_\_\_\_ ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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

WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



### DIMENSIONS (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1206 2 x 1 1/4 (51 x 32)	1	4.01 (102)	6.50 (165)	2.63 (67)	8.18 (208)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125						
1206 2 x 1 1/4 (51 x 32)	143JM	1	3.75 (95)	6.25 (159)	5.5 (140)	5.94 (151)	3.5 (89)	5.20 (132)	10.0 (254)	7.48 (190)	2.76 (70)	2.37 (60)	5.66 (144)	0.62 (16)	0.34 (9)	4.0 (101)	7.92 (201)						

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

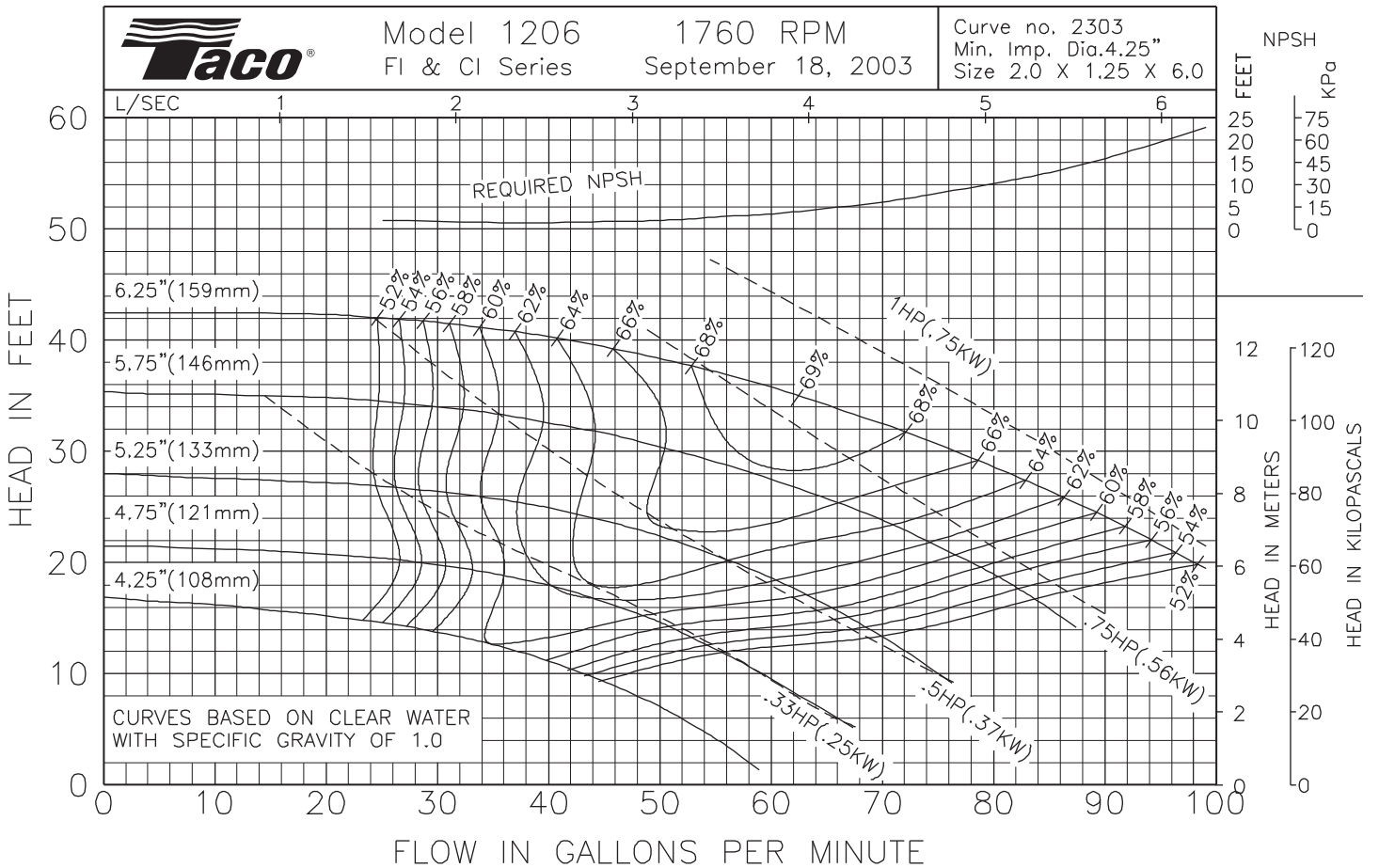
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	96 (44)



Comments:

**Do it Once. Do it Right.®**

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**TACO (Canada), Ltd.**, 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.  
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# Submittal Data Information

## CI Series Pumps

301-1307

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

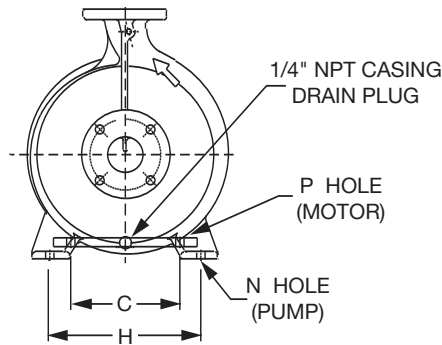
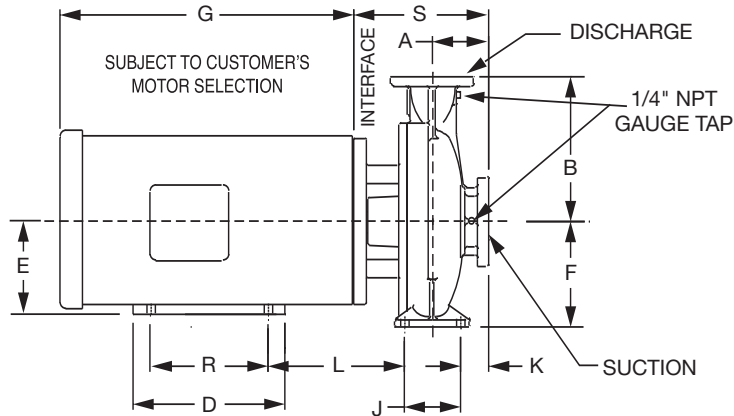
1760 RPM MODEL 1207

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1207 2 x 1/4 (51 x 32)	1	4.01 (102)	7.50 (191)	2.63 (67)	8.31 (211)
	1.5				
	2				
	3				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
1207 2 x 1/4 (51 x 32)	143JM	1	3.75 (95)	7.25 (184)	5.5 (140)	5.94 (151)	3.5 (89)	6.30 (160)	10.00 (254)	8.34 (212)	2.76 (70)	2.37 (60)	5.79 (147)	0.62 (16)	0.34 (9)	4.0 (101)	8.05 (204)
	145JM	1.5			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				5.79 (147)		0.34 (9)	5.0 (127)	
		2			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				5.79 (147)		0.34 (9)	5.0 (127)	
	182JM	3			7.5 (191)	6.50 (165)	4.5 (114)		12.25 (311)				6.42 (163)		0.41 (10)	4.5 (114)	

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

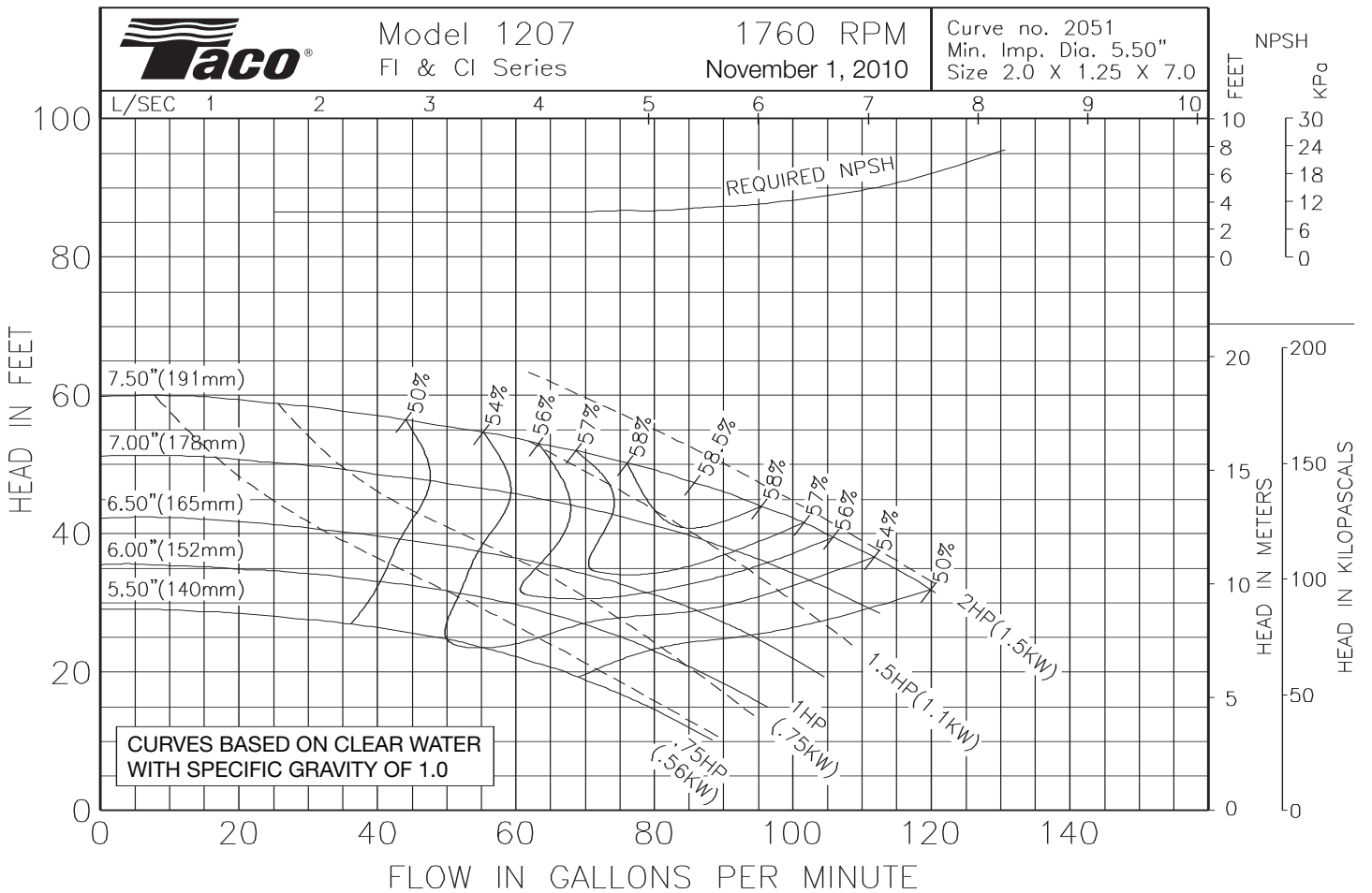
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	105 (48)
182JM - 184JM	120 (54)



Comments:

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# Submittal Data Information CI Series Pumps

301-1302

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: OCTOBER 31, 2004

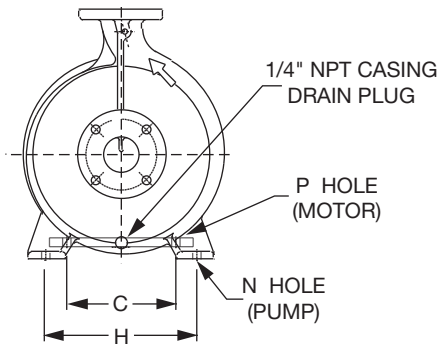
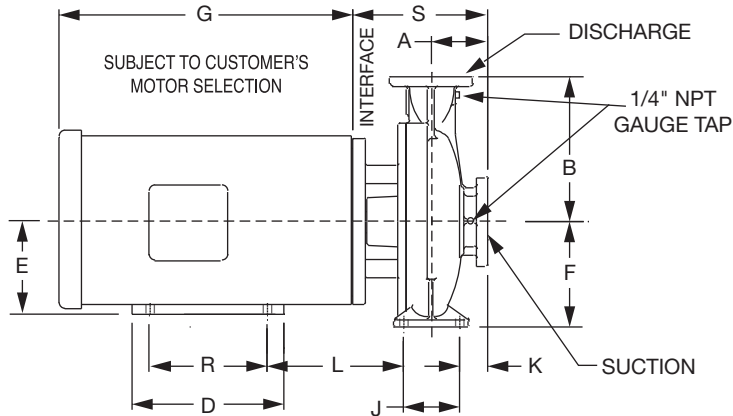
1760 RPM MODEL 1506

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1506 2½ x 1½ (64 x 38)	1	4.06 (103)	7.50 (191)	2.68 (68)	8.27 (210)
	1.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
1506 2½ x 1½ (64 x 38)	143JM	1	3.75 (95)	7.25 (184)	5.5 (140)	5.94 (151)	3.5 (89)	5.20 (132)	10.0 (254)	7.48 (190)	2.76 (70)	2.37 (60)	5.70 (145)	0.62 (16)	0.34 (9)	4.0 (101)	7.96 (202)
	145JM	1.5			5.5 (140)	5.94 (151)	3.5 (89)		10.0 (254)				5.70 (145)		0.34 (9)	5.0 (127)	

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

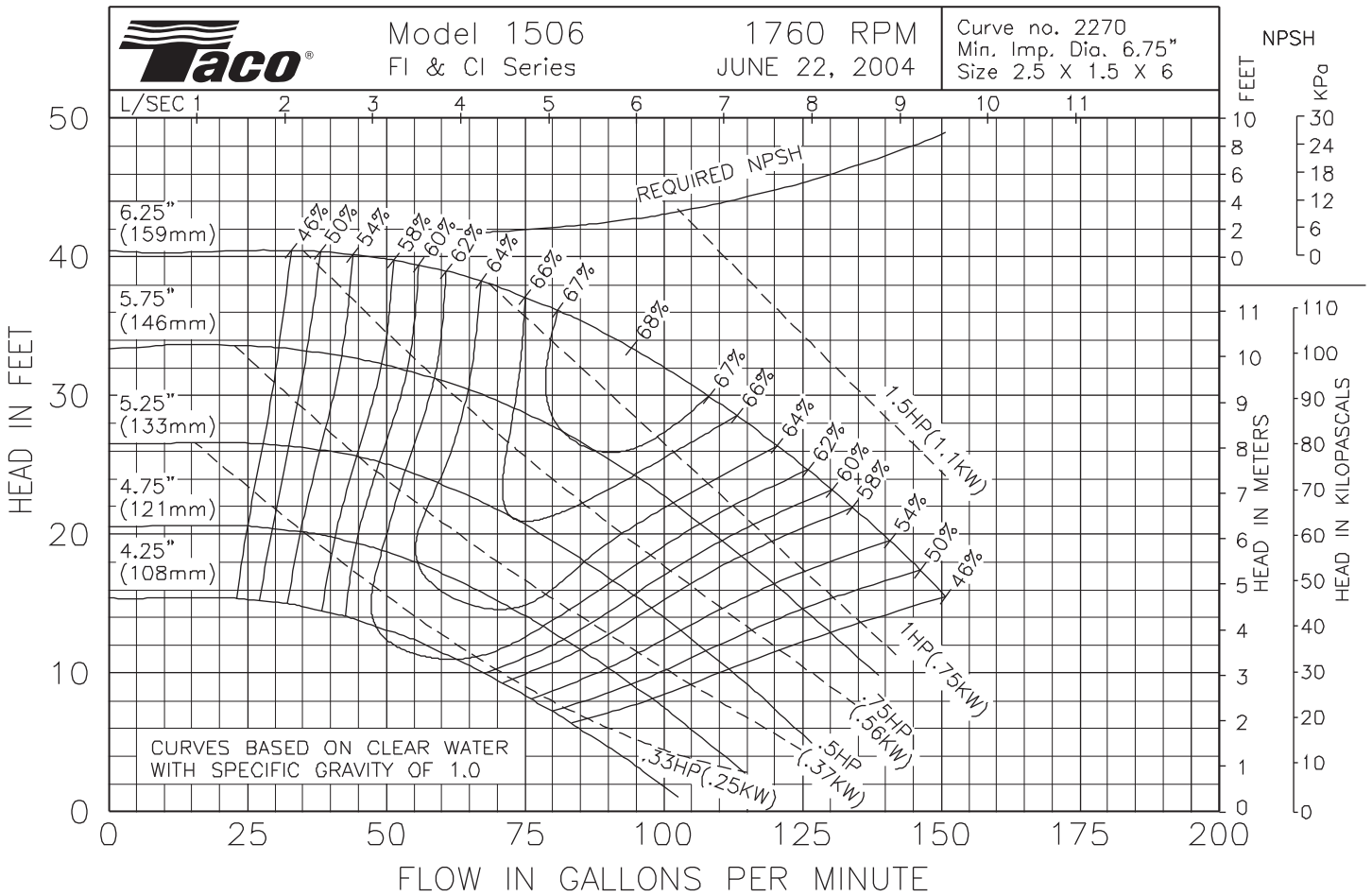
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	100 (45)



Comments:

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# Submittal Data Information CI Series Pumps

301-1310

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

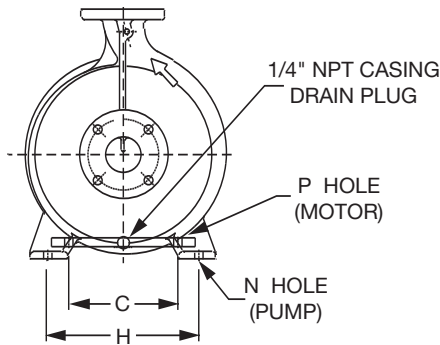
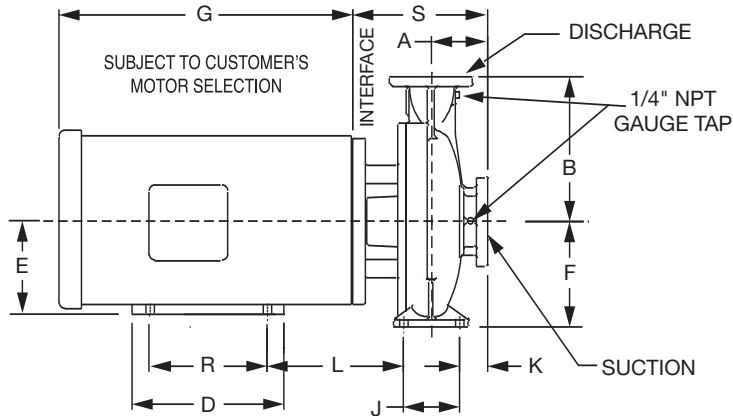
1760 RPM MODEL 1507

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1507 2½ x 1½ (64 x 38)	1.5	4.06 (103)	7.00 (178)	2.68 (68)	8.41 (214)
	2				
	3				
	5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
1507 2½ x 1½ (64 x 38)	145JM	1.5	3.75 (95)	6.75 (171)	5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)	8.34 (212)	2.76 (70)	2.37 (60)	5.84 (148)	0.62 (16)	0.34 (9)	5.0 (127)	8.10 (206)
		2			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				5.84 (148)		0.34 (9)	5.0 (127)	
	182JM	3			7.5 (191)	6.50 (165)	4.5 (114)	12.25 (311)	6.47 (164)				0.41 (10)		4.5 (115)		
	184JM	5			7.5 (191)	6.50 (165)	4.5 (114)	12.25 (311)	6.47 (164)				0.41 (10)		5.5 (140)		

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

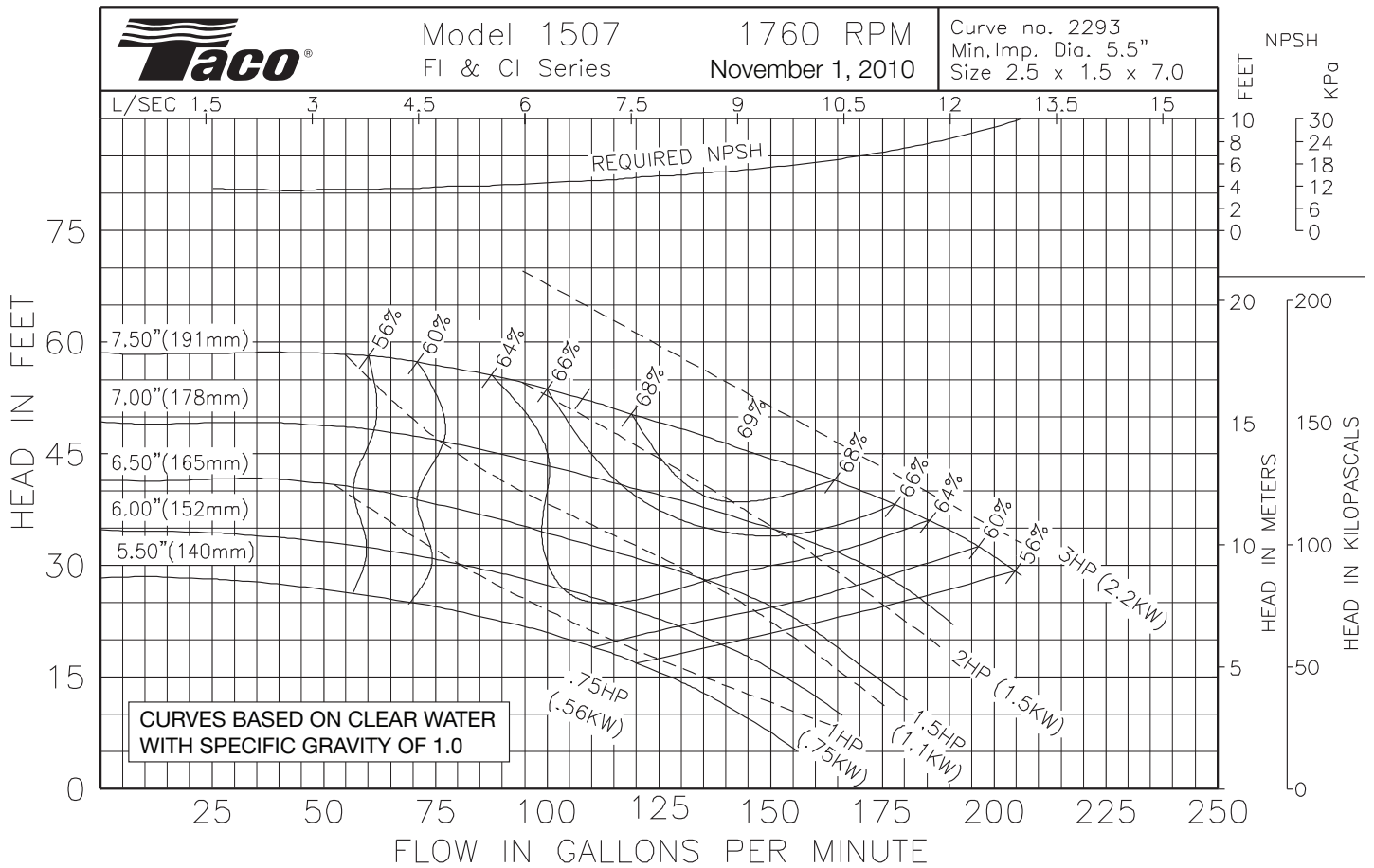
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	118 (54)
182JM - 184JM	147 (67)



Comments:

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**TACO (Canada), Ltd.**, 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.  
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# Submittal Data Information CI Series Pumps

301-1322

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

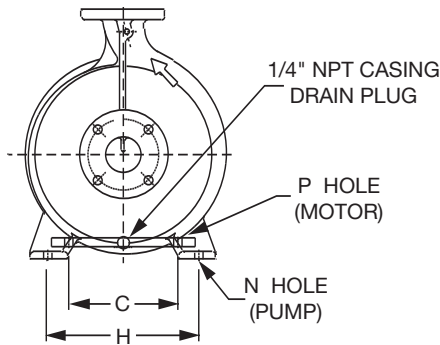
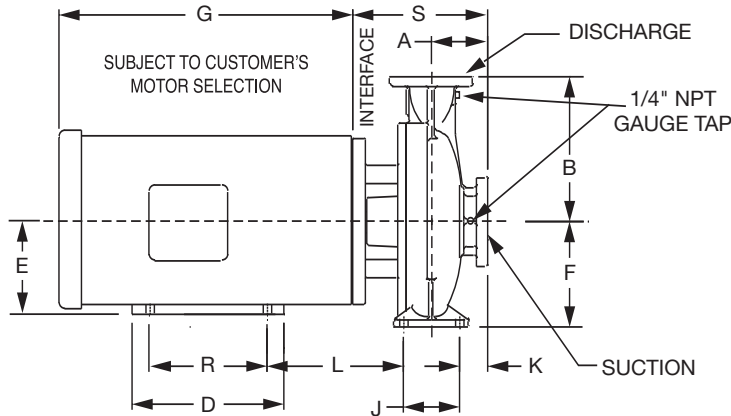
1760 RPM MODEL 1509

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1509 2 1/2 x 1 1/2 (64 x 38)	1.5	4.87 (122)	8.25 (210)	3.00 (76)	9.23 (234)
	2				
	3				
	5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
1509 2 1/2 x 1 1/2 (64 x 38)	145JM	1.5	4.56 (116)	8.00 (203)	5.5 (140)	5.94 (151)	3.50 (89)	7.09 (180)	10.00 (254)	9.84 (250)	3.76 (96)	2.69 (68)	5.35 (136)	0.62 (16)	0.34 (9)	5.0 (127)	8.93 (227)
		2			5.5 (140)	5.94 (151)	3.50 (89)		10.00 (254)				5.35 (136)		0.34 (9)	5.0 (127)	
		3			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.98 (152)		0.41 (10)	4.5 (114)	
		5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.98 (152)		0.41 (10)	5.5 (140)	
		7.5			8.5 (216)	8.00 (213)	5.25 (133)		13.94 (354)				7.18 (182)		0.41 (10)	5.5 (140)	

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

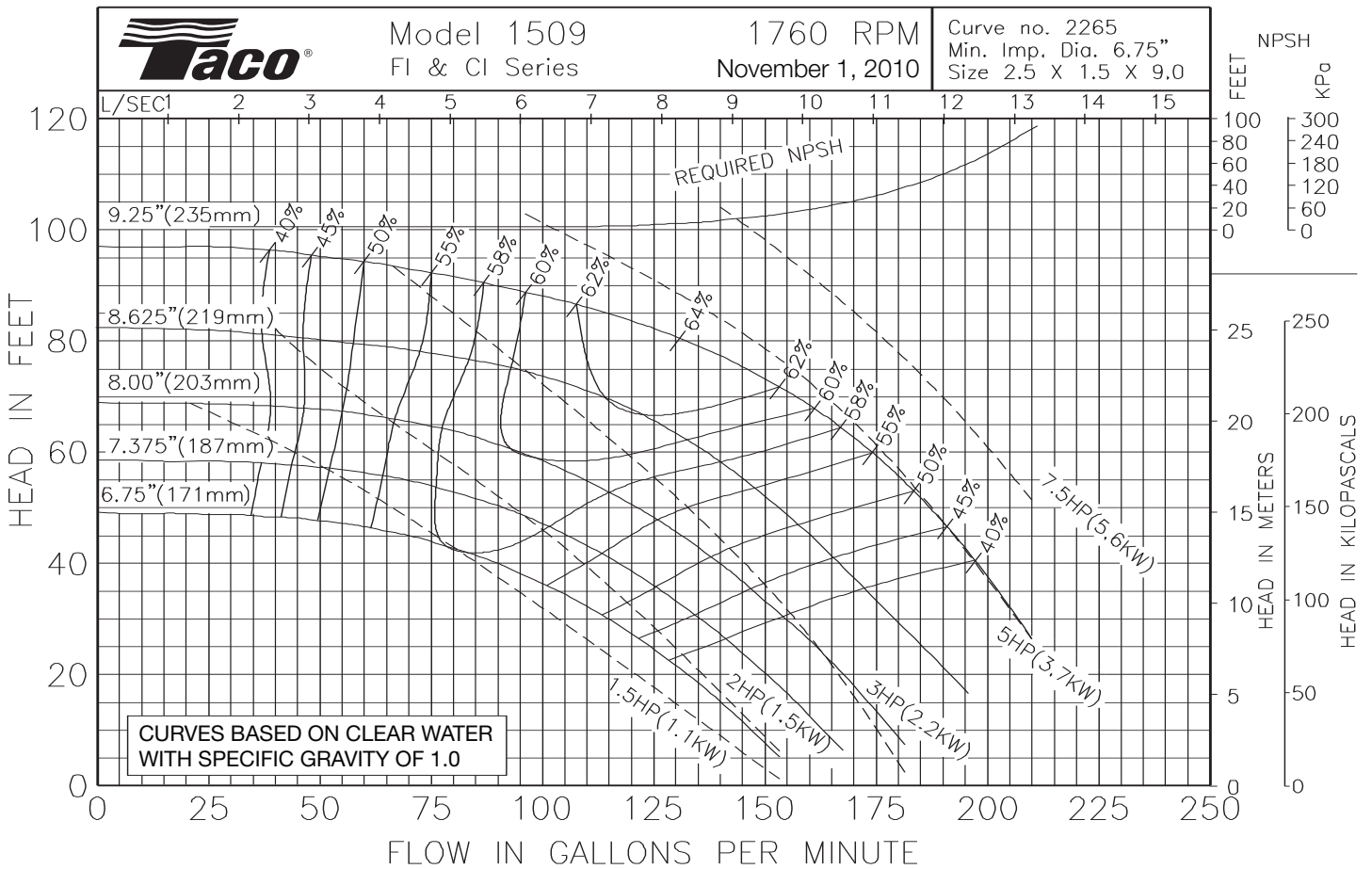
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	141 (64)
182JM - 184JM	181 (82)
213JM - 215JM	240 (109)



Comments:

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**TACO (Canada), Ltd.**, 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.  
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# Submittal Data Information CI Series Pumps

301-1334

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: OCTOBER 31, 2004

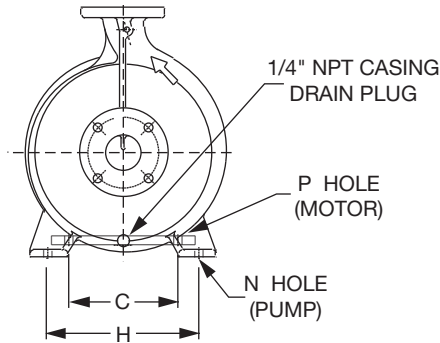
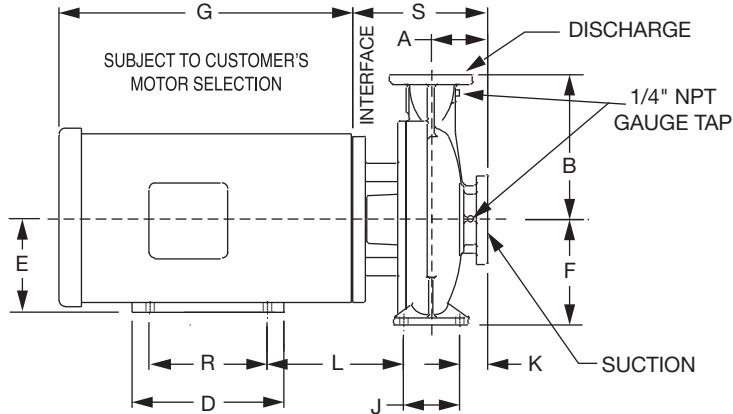
1760 RPM MODEL 1511

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1511 2½ x 1½ (64 x 38)	3	4.88 (124)	9.75 (248)	2.52 (64)	9.19 (234)
	5				
	7.5				
	10				
	15				9.86 (250)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
1511 2½ x 1½ (64 x 38)	182JM	3	4.56 (116)	9.5 (241)	7.5 (191)	6.50 (165)	4.50 (114)	7.87 (200)	12.25 (311)	11.02 (280)	4.72 (120)	2.20 (56)	5.45 (138)	0.75 (19)	0.41 (10)	4.50 (114)	8.87 (225)
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.45 (138)		0.41 (10)	5.50 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.45 (164)		0.41 (10)	5.50 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.45 (164)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.62 (194)		0.53 (13)	8.25 (210)	9.54 (242)

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

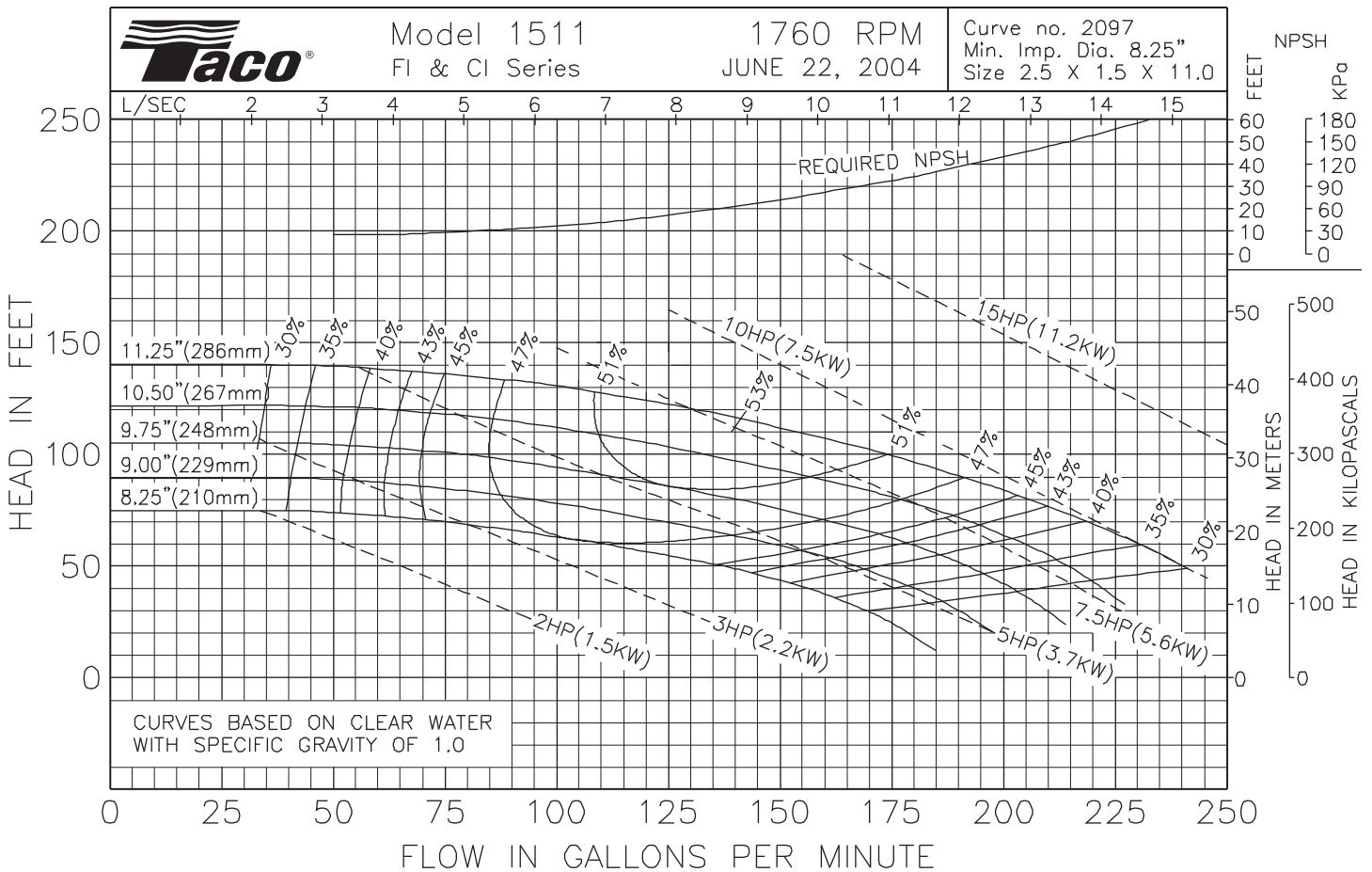
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	206 (93)
213JM - 215JM	259 (117)
254JM - 256JM	375 (170)



Comments:

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# Submittal Data Information CI Series Pumps

301-1369

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

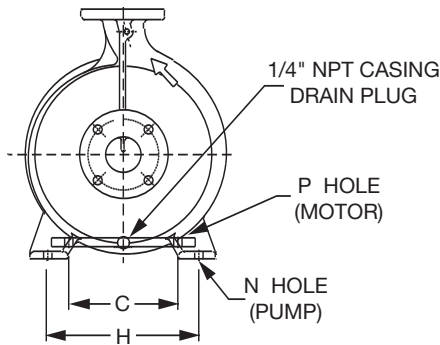
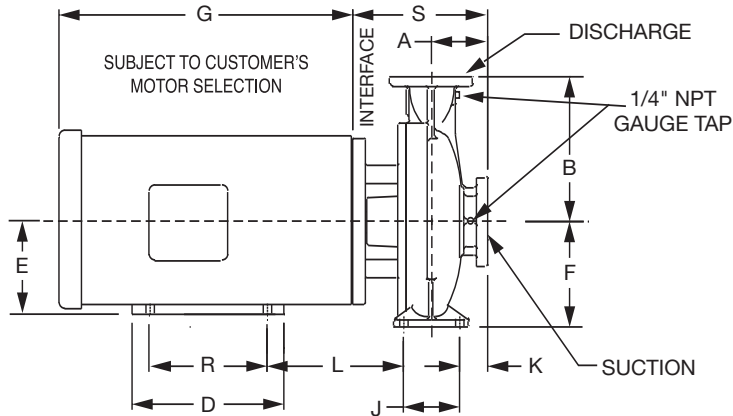
1760 RPM MODEL 2007

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2007 2½ x 2 (64 x 51)	1	5.03 (128)	8.00 (203)	3.66 (93)	9.61 (244)
	1.5				
	2				
	3				
	5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2007 2½ x 2 (64 x 51)	143JM	1	4.72 (120)	7.75 (197)	5.5 (140)	5.94 (151)	3.5 (89)	6.30 (160)	10.00 (254)	8.34 (212)	2.76 (70)	3.35 (85)	6.08 (154)	0.62 (16)	0.34 (9)	4.0 (101)	9.30 (236)
	145JM	1.5			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				6.08 (154)		0.34 (9)	5.0 (127)	
		2			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				6.08 (154)		0.34 (9)	5.0 (127)	
	182JM	3			7.5 (191)	6.50 (165)	4.5 (114)		12.25 (311)				6.70 (170)		0.41 (10)	4.5 (114)	
	184JM	5			7.5 (191)	6.50 (165)	4.5 (114)		12.25 (311)				6.70 (170)		0.41 (10)	5.5 (140)	

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

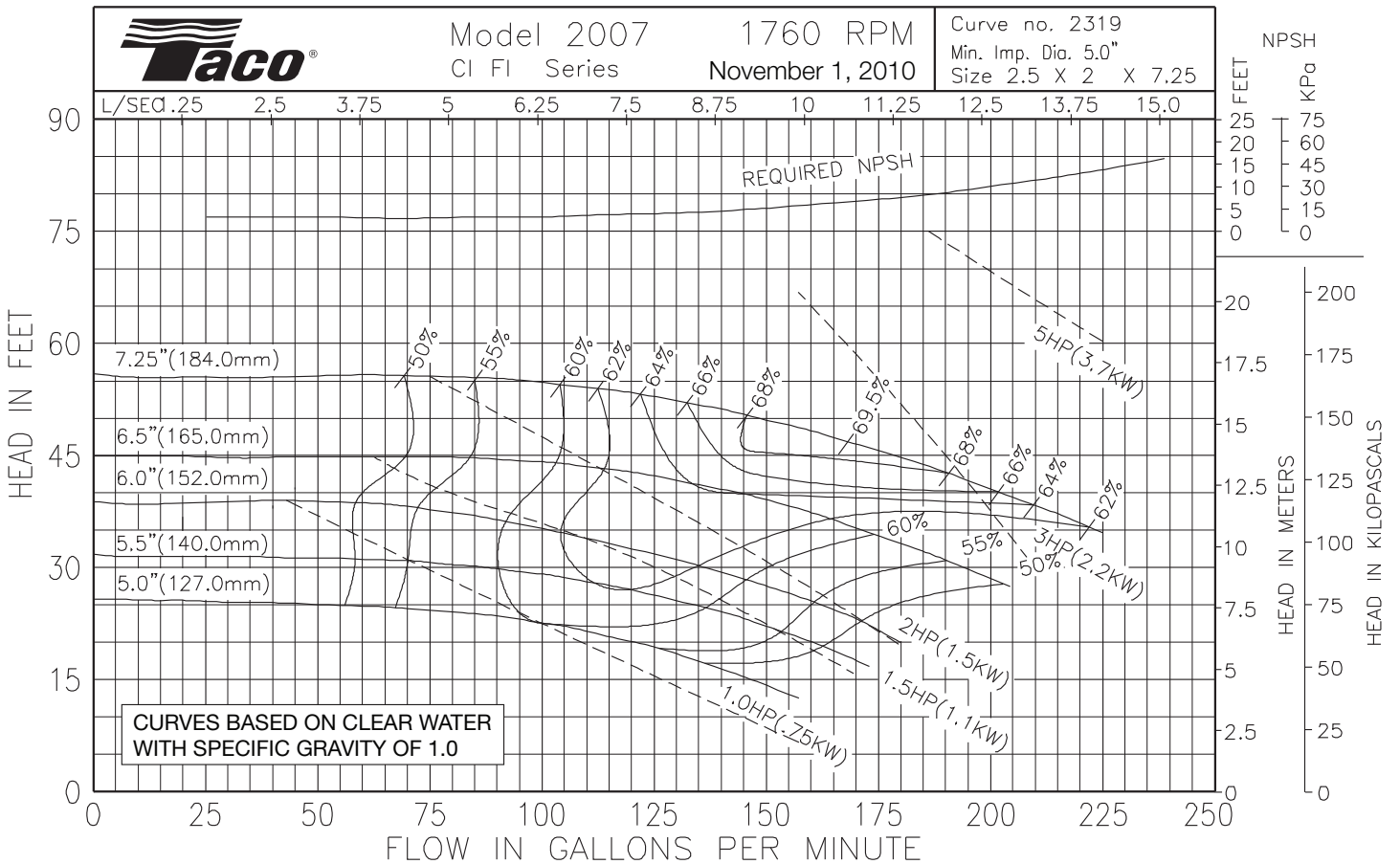
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	121 (55)
182JM - 184JM	150 (68)



Comments:

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# Submittal Data Information CI Series Pumps

301-1372

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

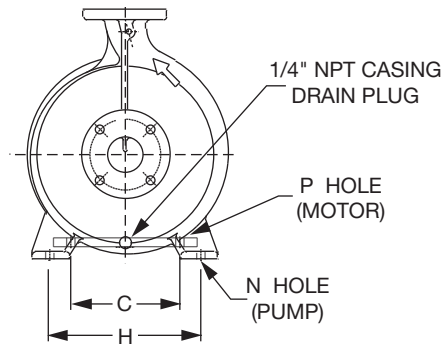
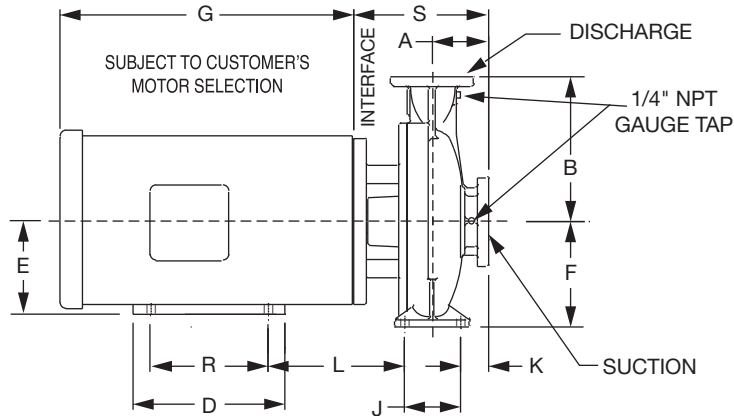
1760 RPM MODEL 2009

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 \_\_\_\_\_



### DIMENSIONS (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2009 2½ x 2 (64 x 51)	1.5	5.03 (128)	9.00 (229)	3.16 (80)	9.58 (243)
	2				
	3				
	5				
	7.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2009 2½ x 2 (64 x 51)	143JM	1.5	4.72 (120)	8.75 (222)	5.5 (140)	5.94 (151)	3.50 (89)	7.09 (180)	10.00 (254)	9.84 (250)	3.75 (95)	2.85 (72)	5.55 (141)	0.62 (16)	0.34 (9)	4.0 (101)	9.27 (235)
	145JM	2			5.5 (140)	5.94 (151)	3.50 (89)		10.00 (254)				5.55 (141)		0.34 (9)	5.0 (127)	
	182JM	3			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.17 (157)		0.41 (10)	4.5 (114)	
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.17 (157)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.17 (182)		0.41 (10)	5.5 (140)	

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

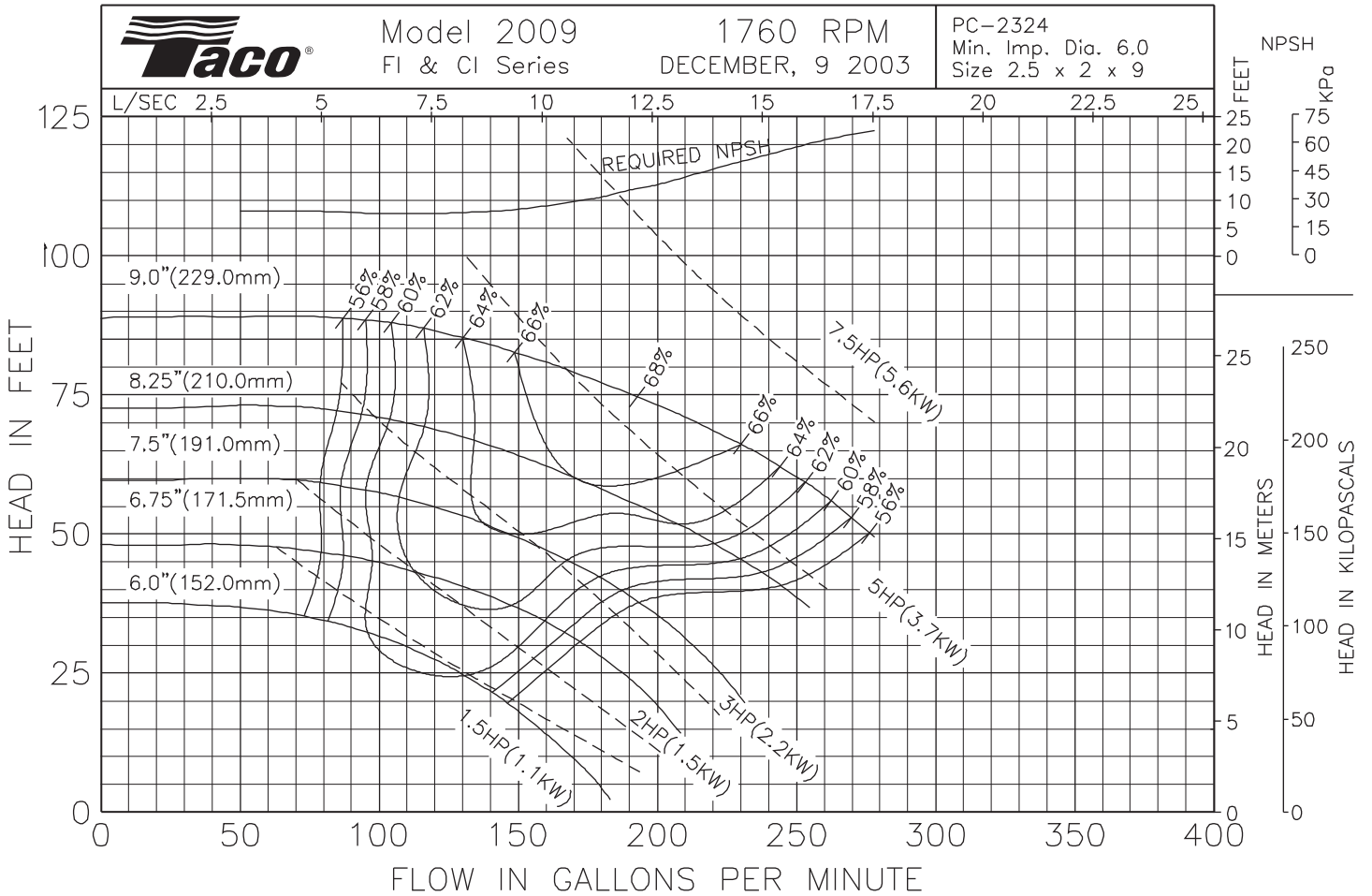
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	132 (60)
182JM - 184JM	168 (76)
213JM - 215JM	201 (91)



Comments:

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# Submittal Data Information CI Series Pumps

301-1304

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

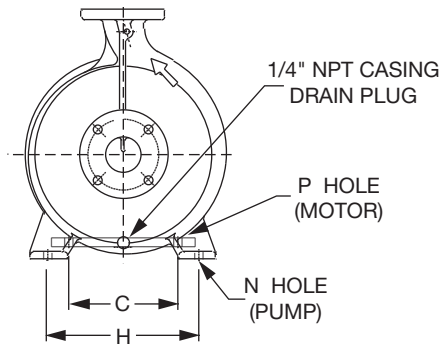
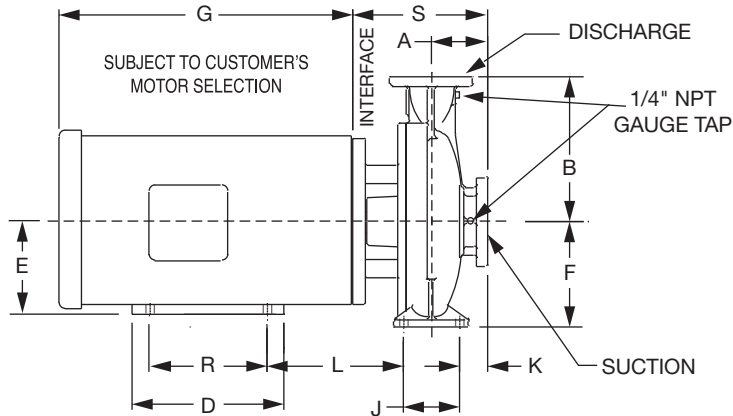
1760 RPM MODEL 2506

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2506 3 x 2 1/2 (76 x 64)	1	4.11 (104)	7.56 (192)	2.24 (57)	8.29 (211)
	1.5				
	2				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2506 3 x 2 1/2 (76 x 64)	143JM	1	3.74 (95)	7.25 (184)	5.5 (140)	5.94 (151)	3.5 (89)	6.30 (160)	10.0 (254)	8.34 (212)	3.74 (95)	1.87 (47)	5.18 (132)	0.63 (16)	0.34 (9)	4.0 (101)	7.92 (201)
	145JM	1.5			5.5 (140)	5.94 (151)	3.5 (89)		10.0 (254)				5.18 (132)		0.34 (9)	5.0 (127)	
		2			5.5 (140)	5.94 (151)	3.5 (89)		10.0 (254)				5.18 (132)		0.34 (9)	5.0 (127)	

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

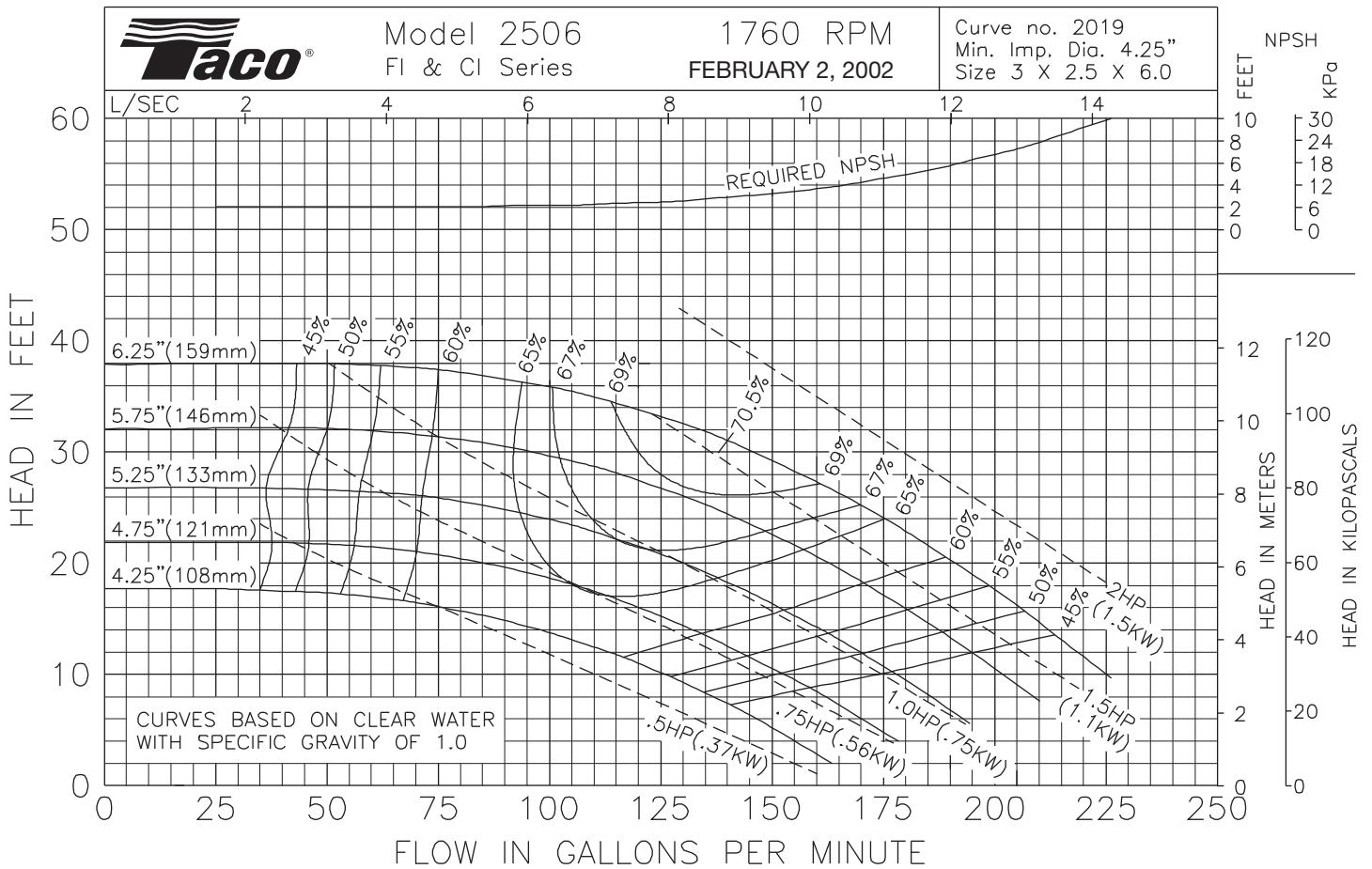
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	111 (50)



Comments:

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# Submittal Data Information CI Series Pumps

301-1313

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

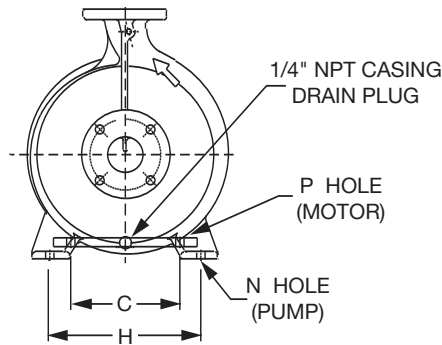
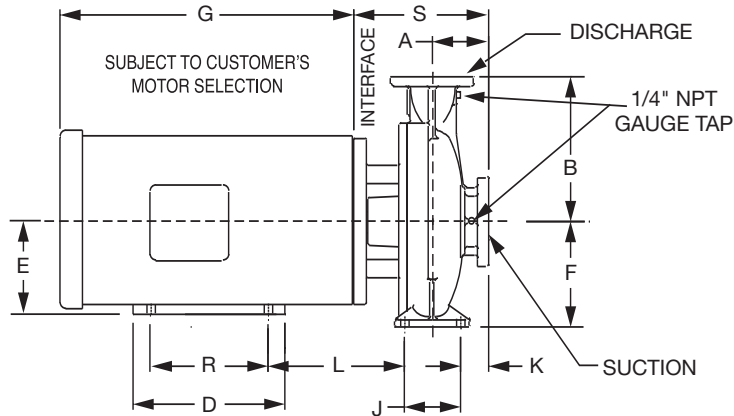
1760 RPM MODEL 2507

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2507 3 x 2 1/2 (76 x 64)	2	5.09 (129)	8.14 (207)	3.22 (82)	9.33 (237)
	3				
	5				
	7.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2507 3 x 2 1/2 (76 x 64)	145JM	2	4.72 (120)	7.83 (199)	5.5 (140)	5.94 (151)	3.50 (89)	7.09 (180)	10.00 (254)	9.84 (250)	3.74 (95)	2.85 (72)	5.24 (133)	0.63 (16)	0.34 (9)	5.0 (127)	8.96 (227)
	182JM	3			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.87 (149)		0.41 (10)	4.5 (114)	
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.87 (149)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.87 (174)		0.41 (10)	5.5 (140)	

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

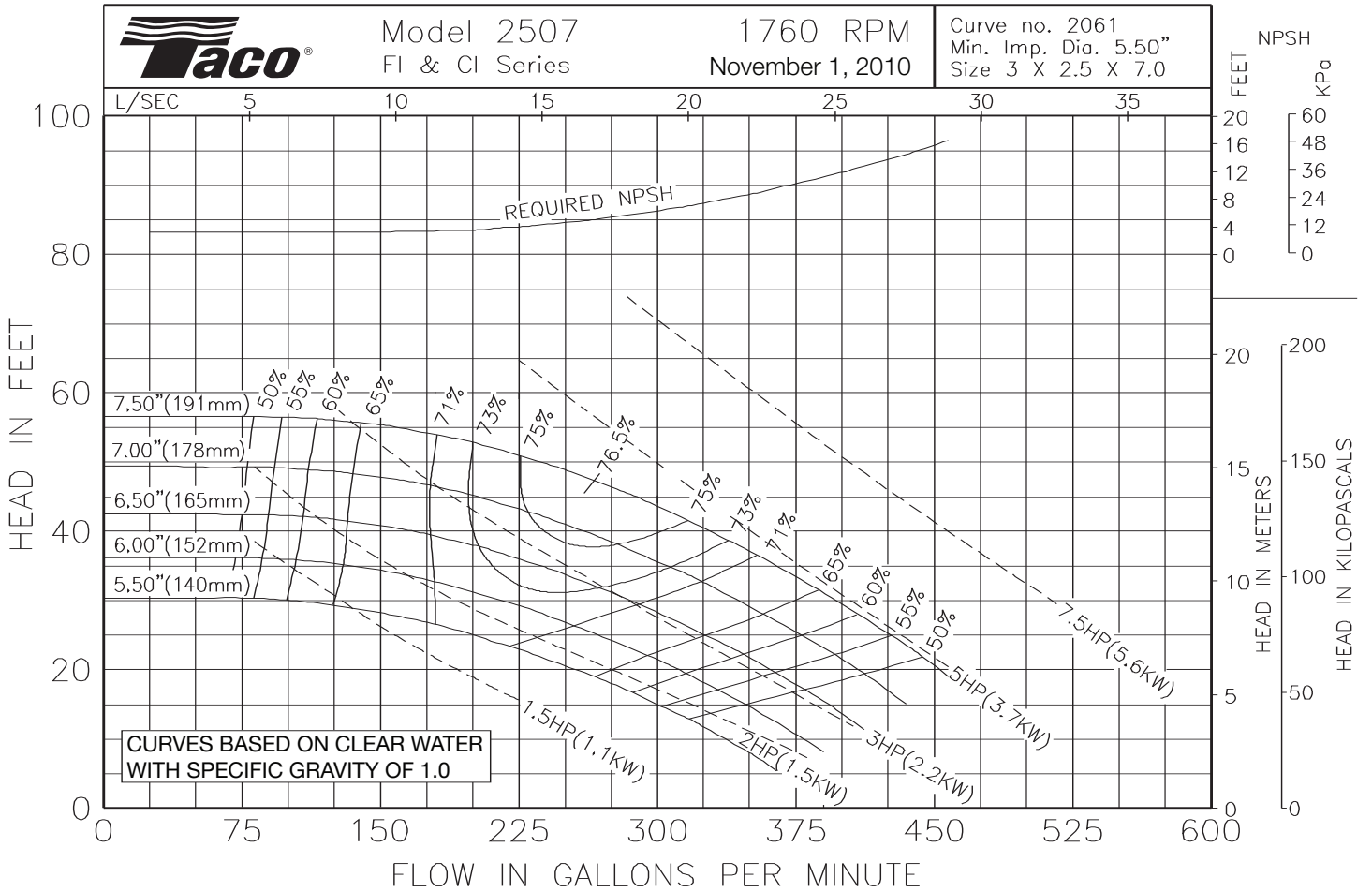
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	112 (51)
182JM - 184JM	152 (69)
213JM - 215JM	210 (95)



Comments:

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# Submittal Data Information CI Series Pumps

301-1366

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

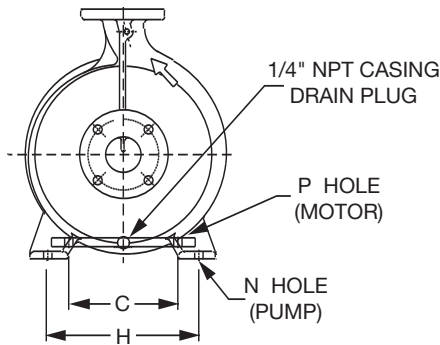
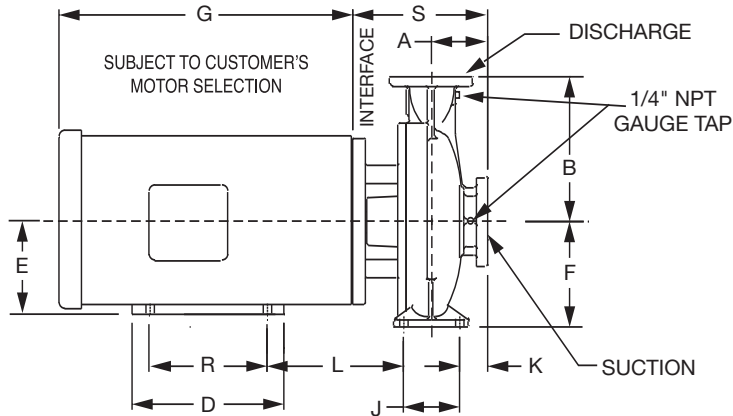
1760 RPM MODEL 2508

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2508 3 x 2 1/2 (76 x 64)	3	5.09 (129)	8.56 (217)	3.22 (82)	9.48 (241)
	5				
	7.5				
	10				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2508 3 x 2 1/2 (76 x 64)	182JM	3	4.72 (120)	8.25 (210)	7.5 (191)	6.50 (165)	4.50 (114)	7.09 (180)	12.25 (311)	9.84 (250)	3.75 (95)	2.85 (72)	6.02 (153)	0.62 (16)	0.41 (10)	4.5 (114)	9.11 (231)
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.02 (153)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.02 (178)		0.41 (10)	5.5 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.02 (178)		0.41 (10)	7.0 (178)	

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

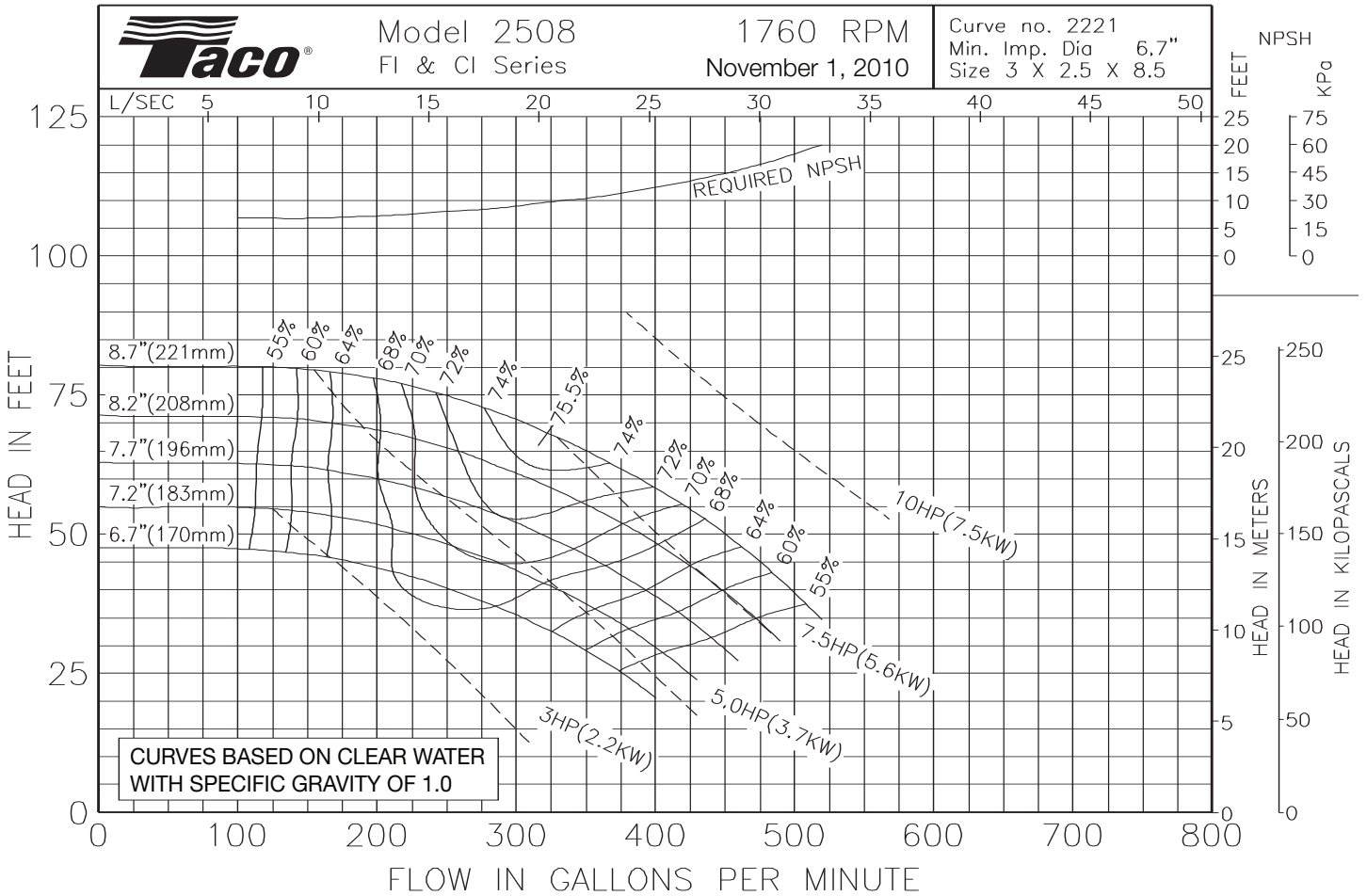
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	183 (83)
213JM - 215JM	250 (113)



Comments:

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# Submittal Data Information CI Series Pumps

301-1325

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

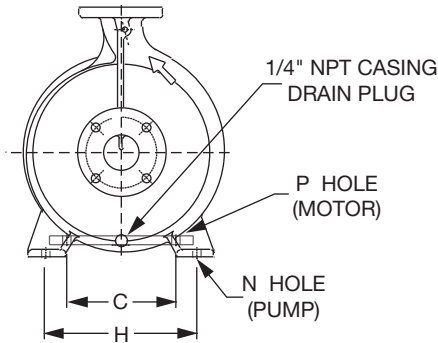
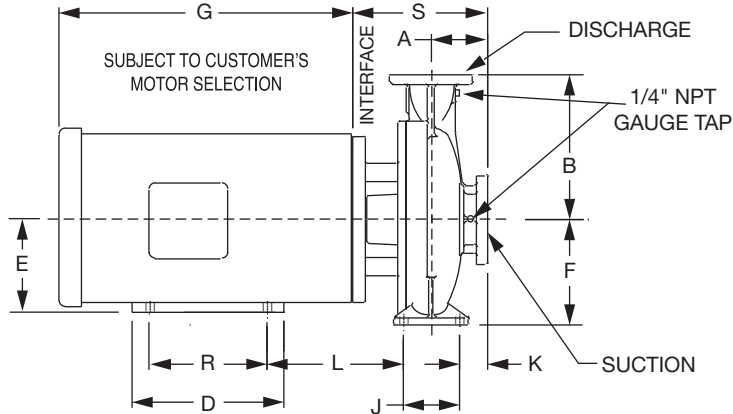
1760 RPM MODEL 2509

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2509 3 x 2 1/2 (76 x 64)	2	5.09 (129)	9.31 (236)	3.21 (82)	9.39 (238)
	3				
	5				
	7.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2509 3 x 2 1/2 (76 x 64)	145JM	2	4.72 (120)	9.00 (229)	5.5 (140)	5.94 (151)	3.50 (89)	7.09 (180)	10.00 (254)	9.84 (250)	3.76 (96)	2.84 (72)	5.29 (134)	0.63 (16)	0.34 (9)	5.0 (127)	9.02 (228)
	182JM	3			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.92 (150)		0.41 (10)	4.5 (114)	
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.92 (150)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.92 (176)		0.41 (10)	5.5 (140)	

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

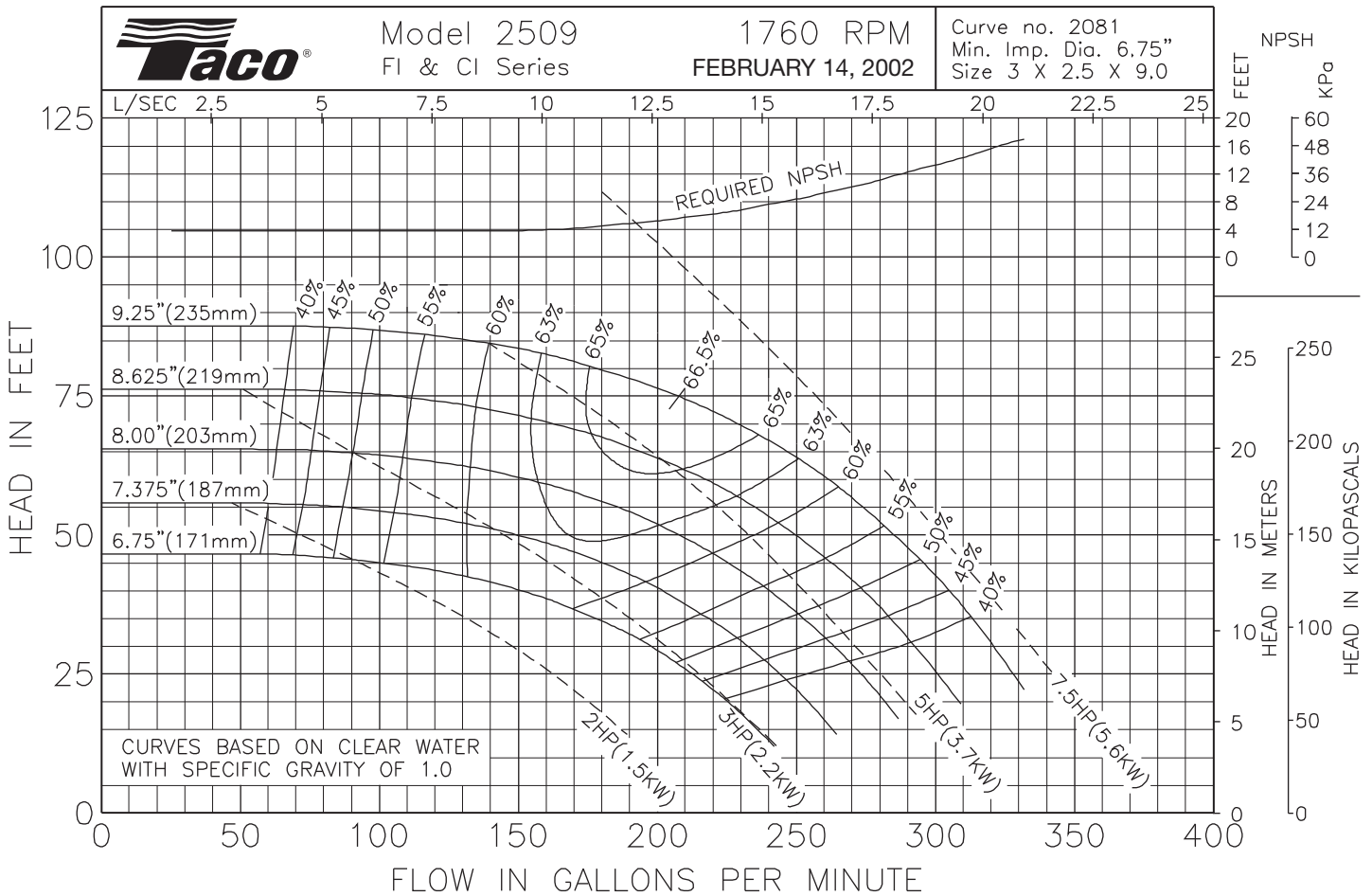
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	150 (68)
182JM - 184JM	190 (86)
213JM - 215JM	248 (112)



Comments:

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# Submittal Data Information CI Series Pumps

301-1471

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

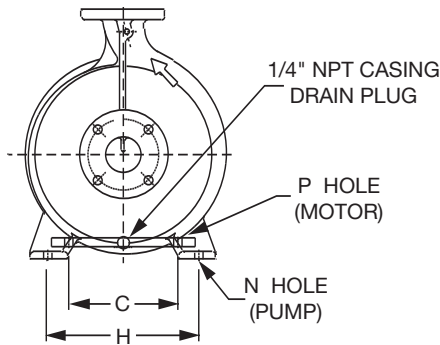
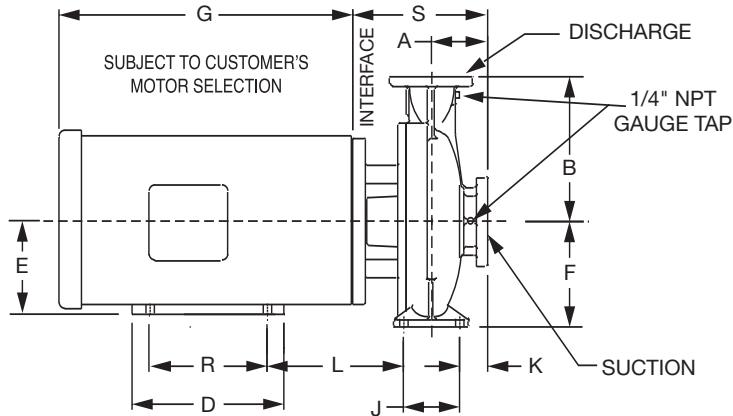
1760 RPM MODEL 2510

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2510 3 x 2½ (76 x 64)	5	5.09 (129)	10.06 (256)	2.73 (69)	9.60 (244)
	7.5				
	10				
	15				
	20				
					10.28 (261)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2510 3 x 2½ (76 x 64)	184JM	5	4.72 (120)	9.75 (248)	7.5 (191)	6.50 (165)	4.50 (114)	7.87 (200)	12.25 (311)	11.02 (280)	4.72 (120)	2.36 (60)	5.65 (144)	0.62 (16)	0.41 (10)	5.50 (140)	9.23 (234)
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.65 (169)		0.41 (10)	5.50 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.65 (169)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.83 (199)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.83 (199)		0.53 (13)	10.00 (254)	
																	9.91 (252)

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

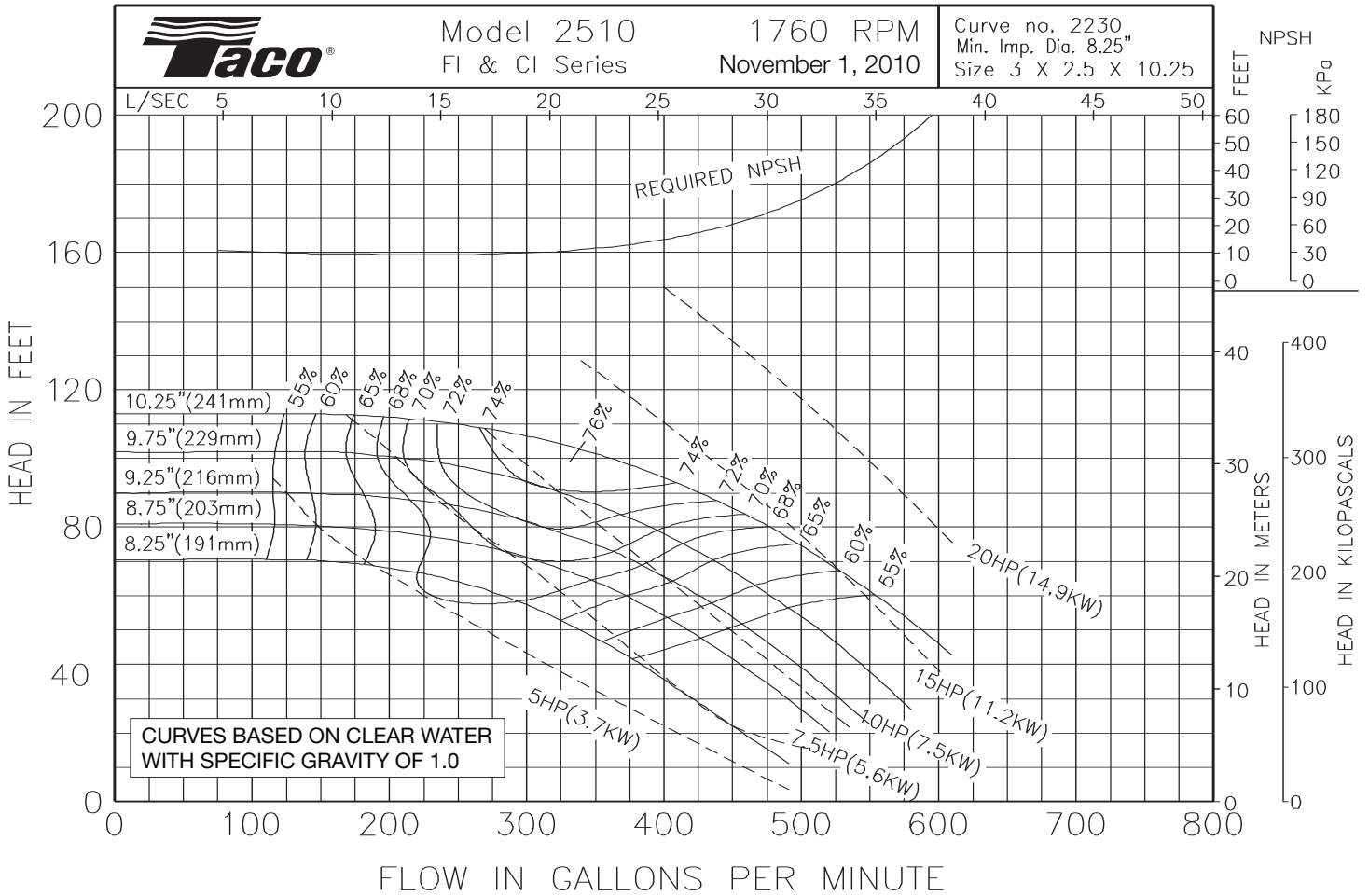
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	197 (89)
213JM - 215JM	311 (141)
254JM - 256JM	473 (215)



Comments:

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# Submittal Data Information CI Series Pumps

301-1336

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

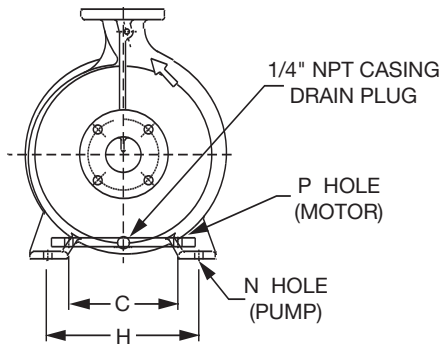
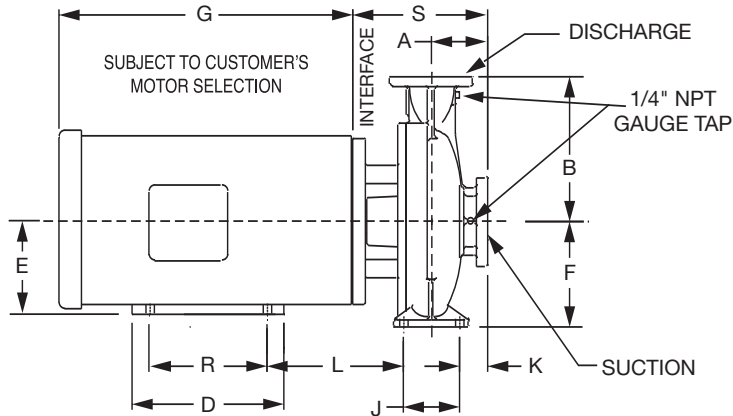
1760 RPM MODEL 2511

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2511 3 x 2 1/2 (76 x 64)	5	5.09 (129)	11.81 (300)	2.73 (69)	9.52 (242)
	7.5				
	10				
	15				
					10.19 (259)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125I	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2511 3 x 2 1/2 (76 x 64)	184JM	5	4.72 (120)	11.5 (292)	7.5 (191)	6.50 (165)	4.50 (114)	8.88 (226)	12.25 (311)	12.40 (315)	4.72 (120)	2.35 (60)	5.57 (141)	0.75 (19)	0.41 (10)	5.50 (140)	9.14 (232)
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.57 (167)		0.41 (10)	5.50 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.57 (167)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.74 (197)		0.53 (13)	8.25 (210)	
																	9.81 (249)

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

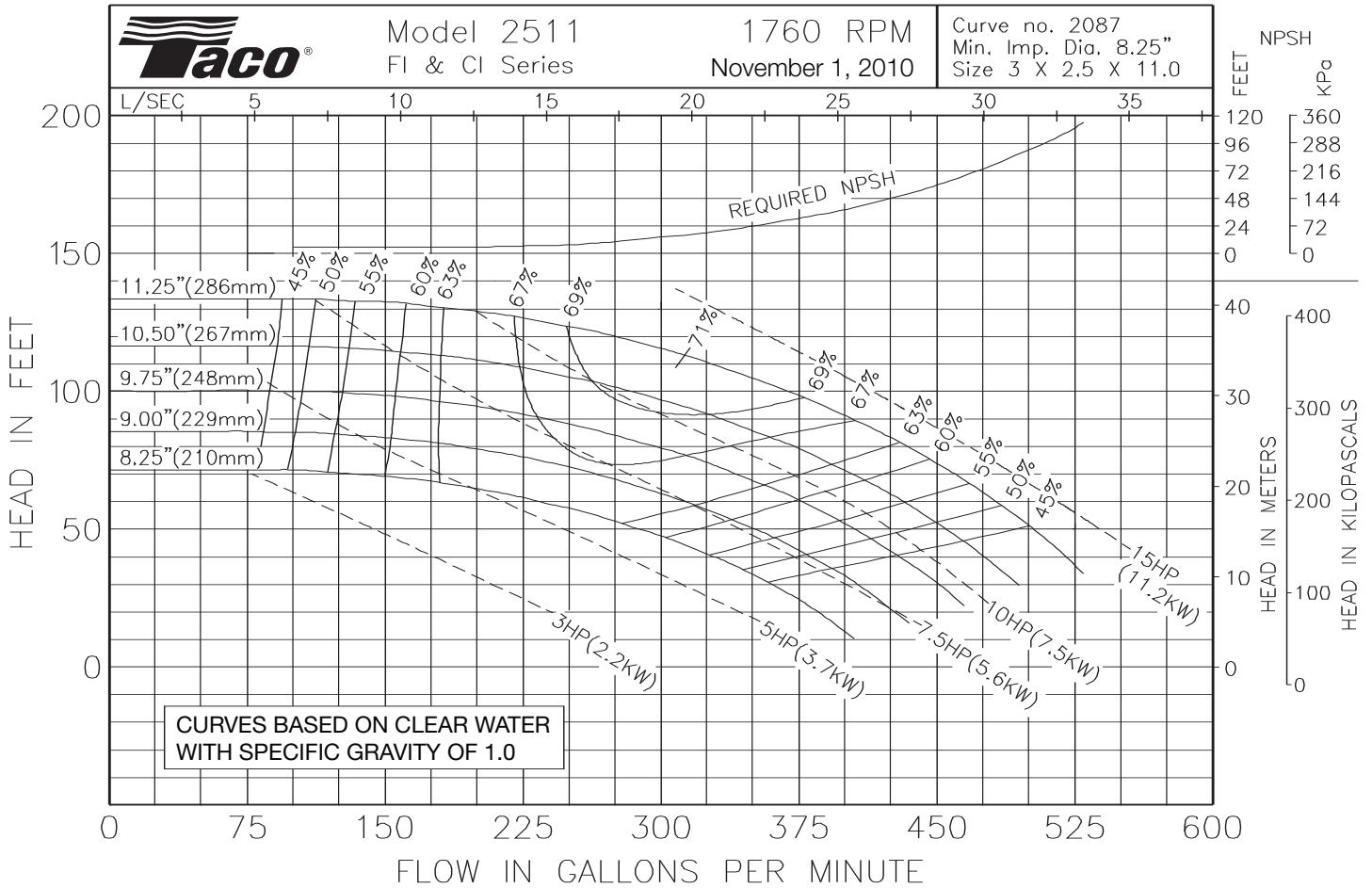
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	235 (107)
213JM - 215JM	287 (130)
254JM - 256JM	403 (183)



Comments:

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# Submittal Data Information CI Series Pumps

301-1344

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

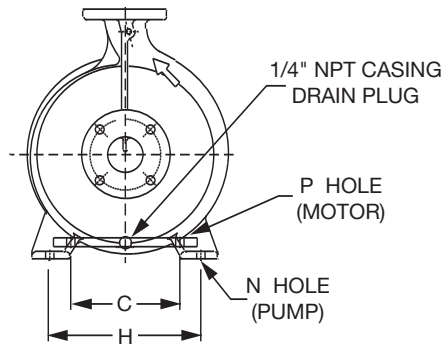
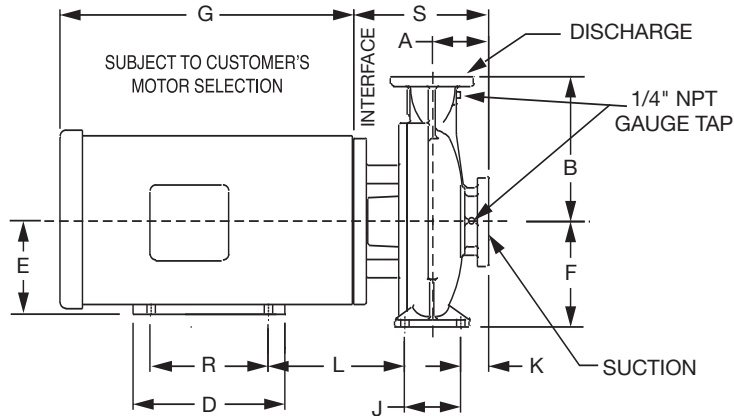
1760 RPM MODEL 2513

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2513 3 x 2½ (76 x 64)	7.5	5.09 (129)	12.54 (319)	2.73 (69)	9.73 (247)
	10				10.35 (263)
	15				
	20				
	25				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
2513 3 x 2½ (76 x 64)	213JM	7.5	4.72 (120)	12.23 (311)	8.5 (216)	8.00 (203)	5.25 (133)	8.88 (226)	13.94 (354)	12.40 (315)	4.72 (120)	2.36 (60)	6.78 (172)	0.75 (19)	0.41 (10)	5.50 (140)	9.36 (238)
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.78 (172)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.90 (201)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.90 (201)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				7.90 (201)		0.53 (13)	9.50 (241)	9.98 (253)

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

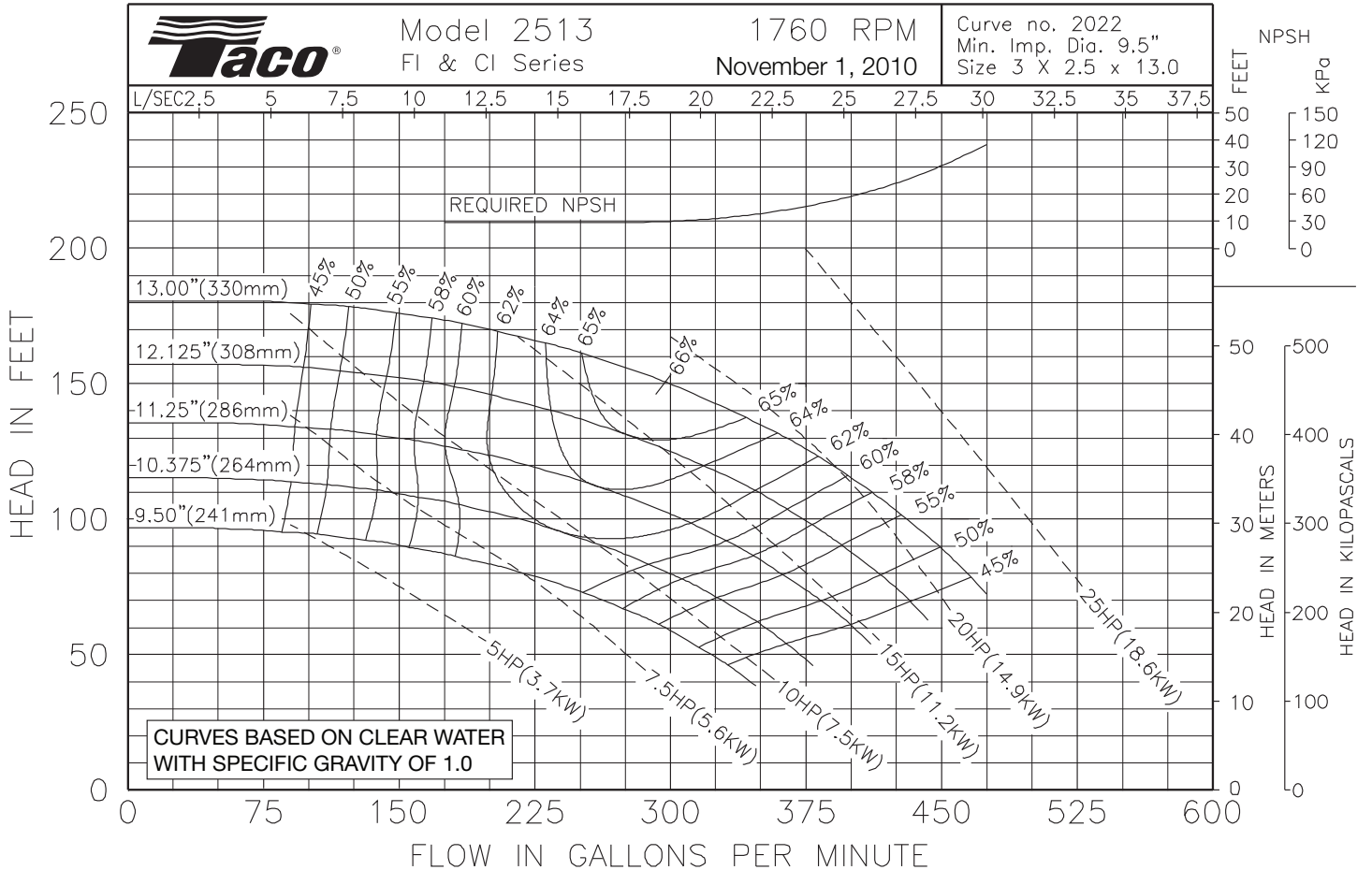
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	386 (175)
254JM - 256JM	546 (248)
284JM - 286JM	658 (298)



Comments:

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# Submittal Data Information CI Series Pumps

301-1316

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

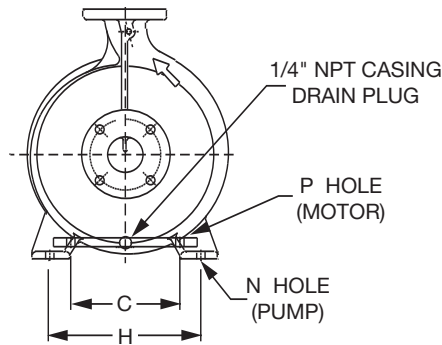
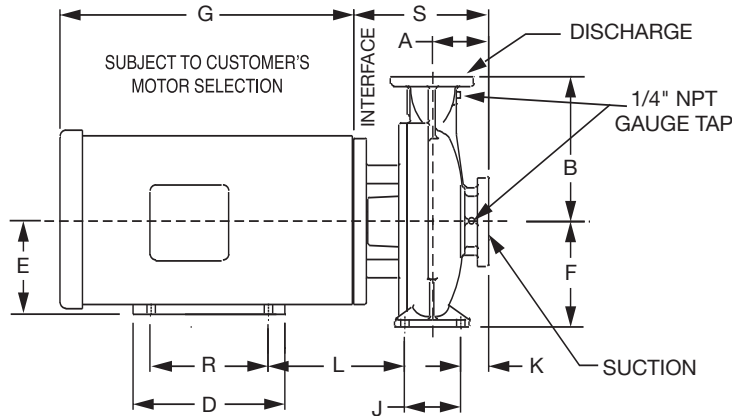
1760 RPM MODEL 3007

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3007 4 x 3 (102 x 76)	2	5.04 (128)	10.37 (263)	3.16 (80)	9.67 (245)
	3				
	5				
	7.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
3007 4 x 3 (102 x 76)	145JM	2	4.72 (120)	10.00 (254)	5.5 (140)	5.94 (151)	3.50 (89)	7.09 (180)	10.00 (254)	9.84 (250)	3.76 (96)	2.84 (72)	5.62 (143)	0.63 (16)	0.34 (9)	5.0 (127)	9.35 (237)
	182JM	3			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.25 (159)		0.41 (10)	4.5 (114)	
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.25 (159)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.25 (184)		0.41 (10)	5.5 (140)	

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

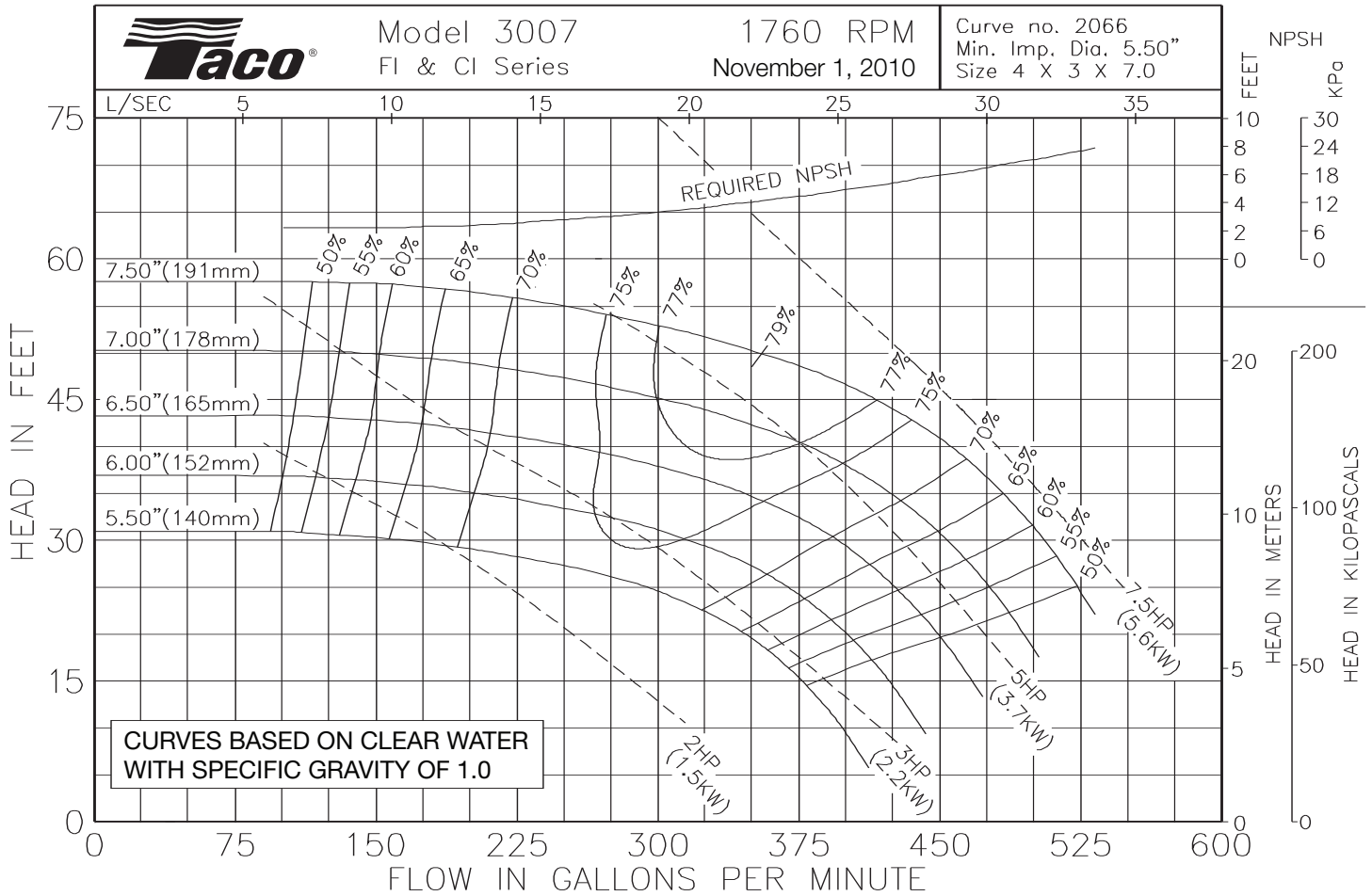
**OPERATING SPECIFICATIONS**

	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)
143JM - 145JM	143 (65)
182JM - 184JM	183 (83)
213JM - 215JM	240 (109)



Comments:

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# Submittal Data Information CI Series Pumps

301-1328

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

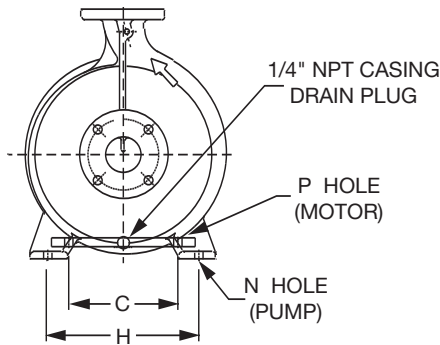
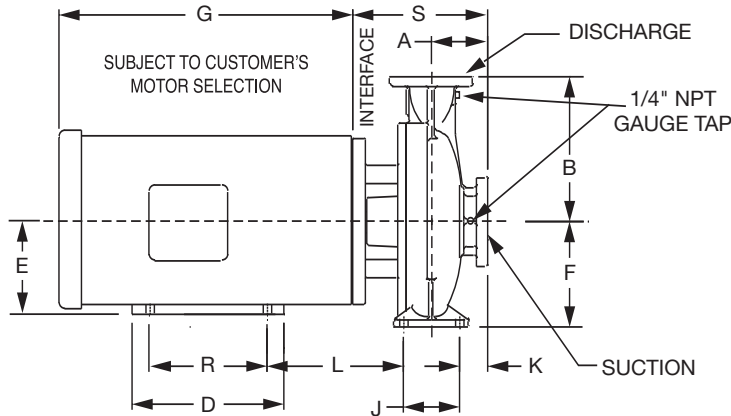
1760 RPM MODEL 3009

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3009 4 x 3 (102 x 76)	3	5.04 (128)	10.37 (263)	3.16 (80)	9.45 (240)
	5				
	7.5				
	10				
	15				10.07 (256)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
3009 4 x 3 (102 x 76)	182JM	3	4.73 (120)	10.00 (254)	7.5 (191)	6.50 (165)	4.50 (114)	7.09 (180)	12.25 (311)	9.84 (250)	3.76 (96)	2.85 (72)	6.03 (153)	0.63 (16)	0.41 (10)	4.50 (114)	9.14 (232)
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.03 (153)		0.41 (10)	5.50 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.03 (178)		0.41 (10)	5.50 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.03 (178)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.15 (207)		0.53 (13)	8.25 (210)	9.76 (248)

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

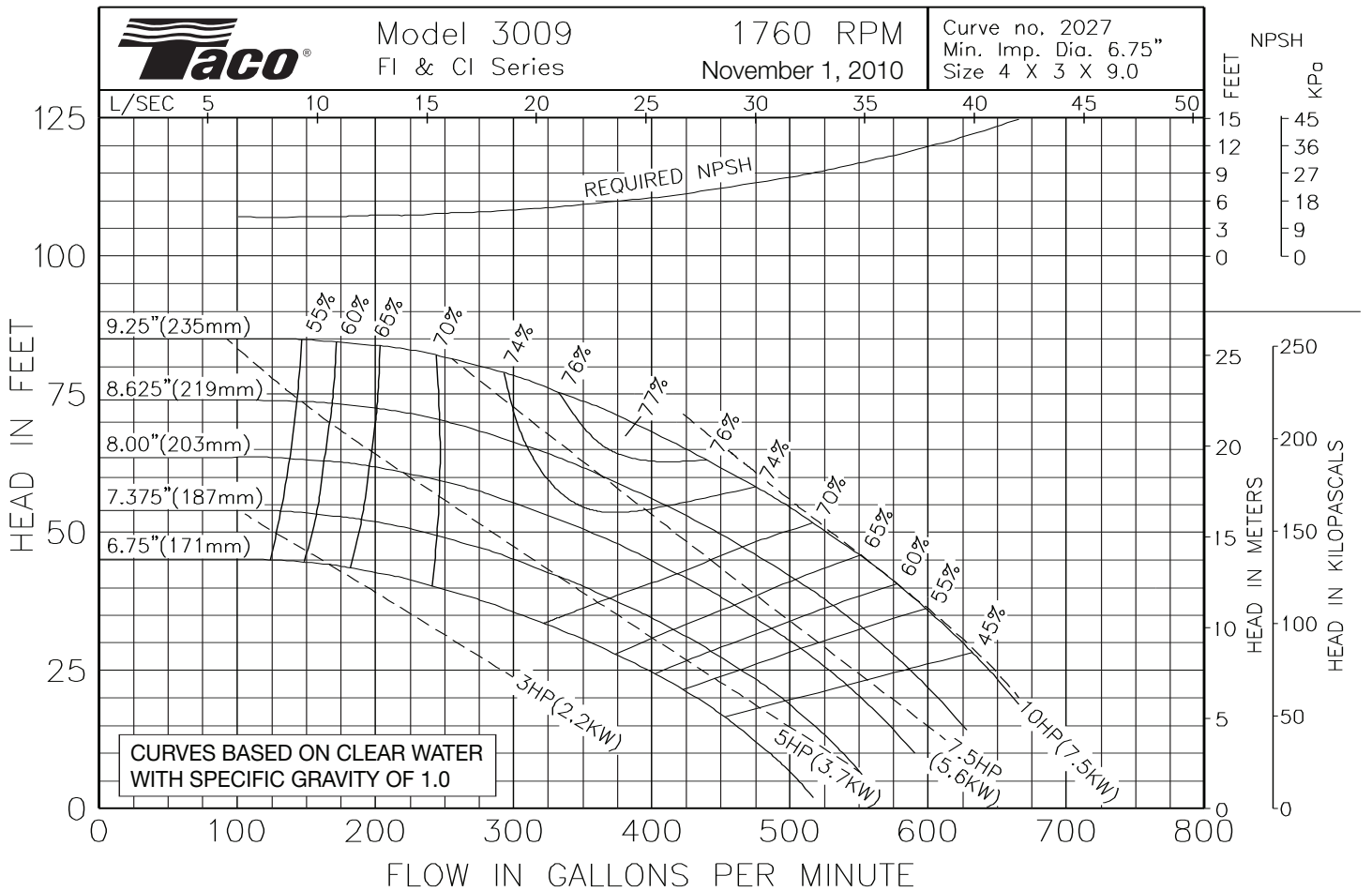
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	192 (87)
213JM - 215JM	257 (117)
254JM - 256JM	364 (165)



Comments:

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# Submittal Data Information CI Series Pumps

301-1338

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

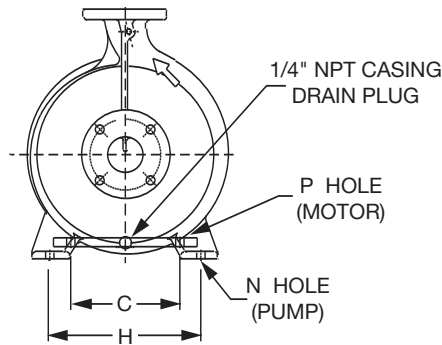
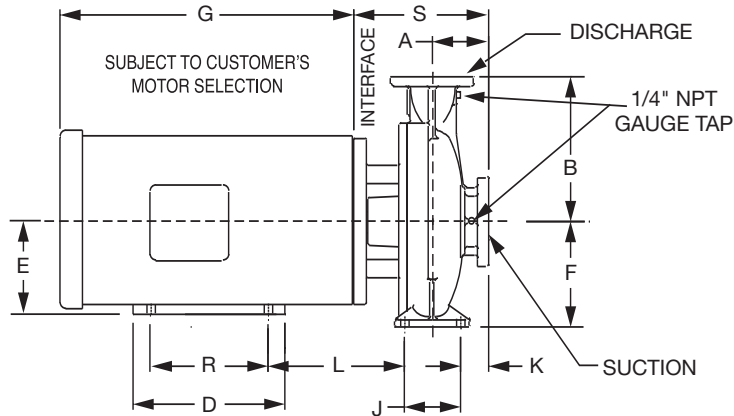
1760 RPM MODEL 3011

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3011 4 x 3 (102 x 76)	7.5	5.03 (128)	11.38 (289)	2.67 (68)	9.65 (245)
	10				
	15				
	20				
	25				10.32 (262)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
3011 4 x 3 (102 x 76)	213JM	7.5	4.71 (120)	11.0 (279)	8.5 (216)	8.00 (203)	5.25 (133)	8.88 (226)	13.94 (354)	12.40 (315)	4.72 (120)	2.36 (60)	6.76 (172)	0.75 (19)	0.41 (10)	5.50 (140)	9.34 (237)
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.76 (172)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.93 (201)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.93 (201)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				7.93 (201)		0.53 (13)	9.50 (241)	10.01 (254)

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

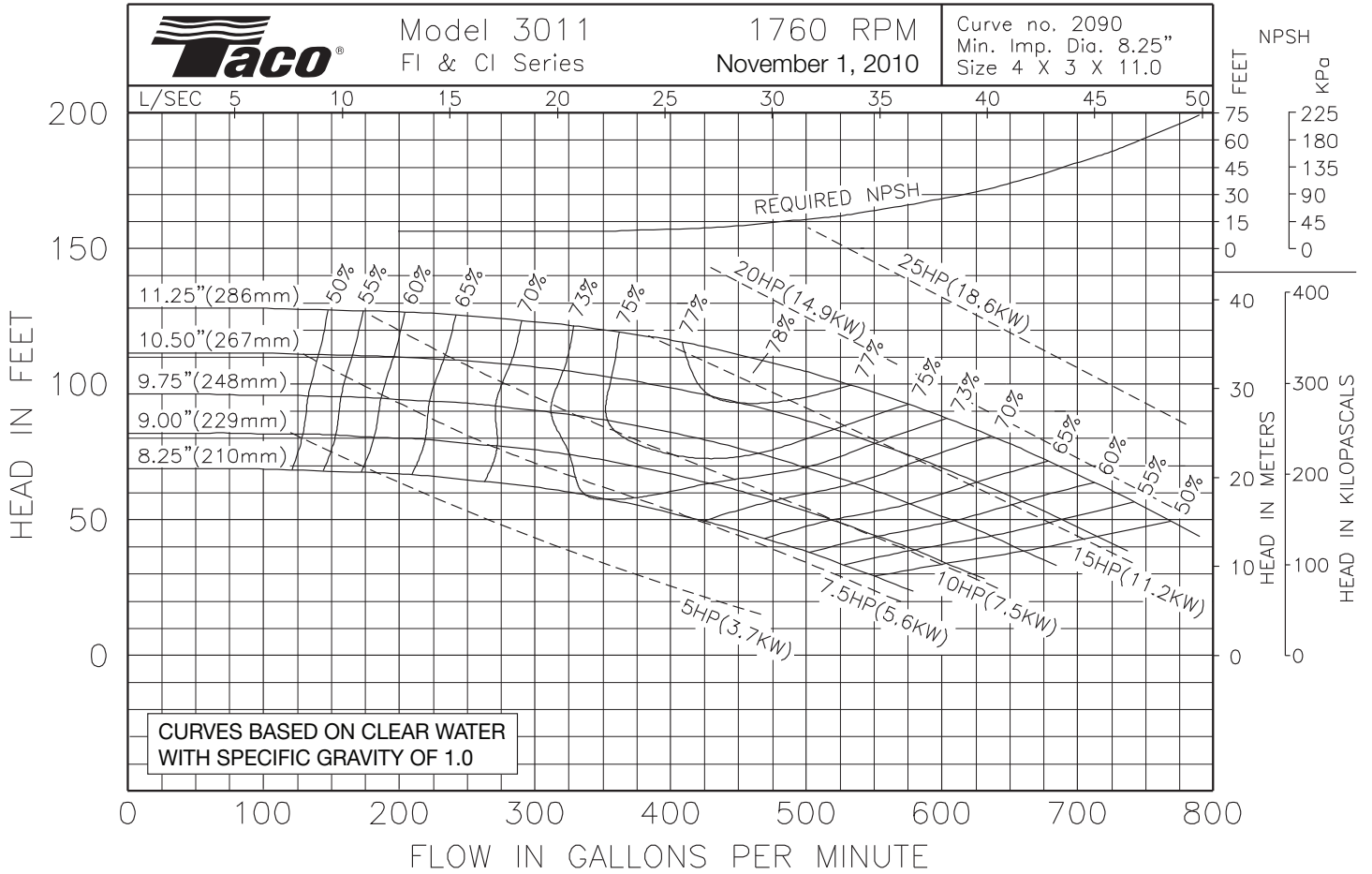
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	312 (242)
254JM - 256JM	478 (217)
284JM - 286JM	600 (272)



Comments:

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# Submittal Data Information CI Series Pumps

301-1346

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

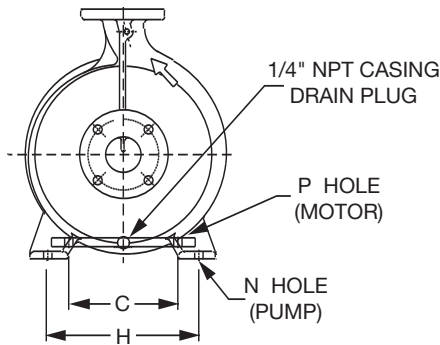
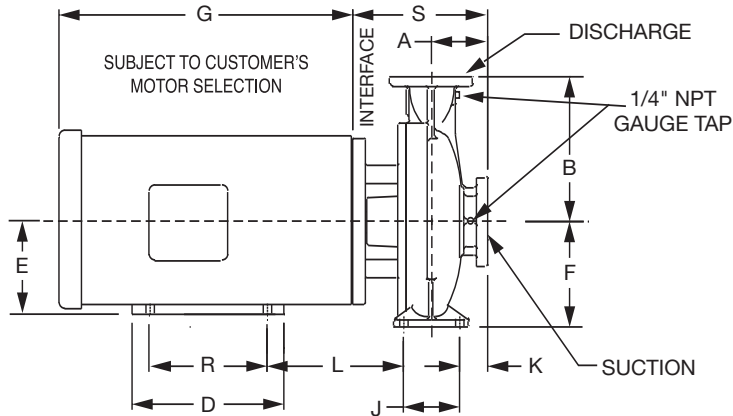
1760 RPM MODEL 3013

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3013 4 x 3 (102 x 76)	10	5.03 (128)	12.63 (321)	2.67 (68)	9.71 (247)
	15				10.33 (262)
	20				
	25				
30					

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
3013 4 x 3 (102 x 76)	215JM	10	4.72 (120)	12.25 (311)	8.5 (216)	8.00 (203)	5.25 (133)	9.84 (250)	13.94 (354)	12.40 (315)	4.72 (120)	2.36 (60)	6.82 (173)	0.75 (19)	0.41 (10)	7.00 (178)	9.40 (239)
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.94 (202)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.94 (202)		0.53 (13)	10.00 (254)	
	284JM	25			11.00 (279)	10.75 (273)	7.00 (178)		19.81 (503)				7.94 (202)		0.53 (13)	9.50 (241)	
	286JM	30			11.00 (279)	12.25 (311)	7.00 (178)		19.81 (503)				7.94 (202)		0.53 (13)	11.00 (279)	

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

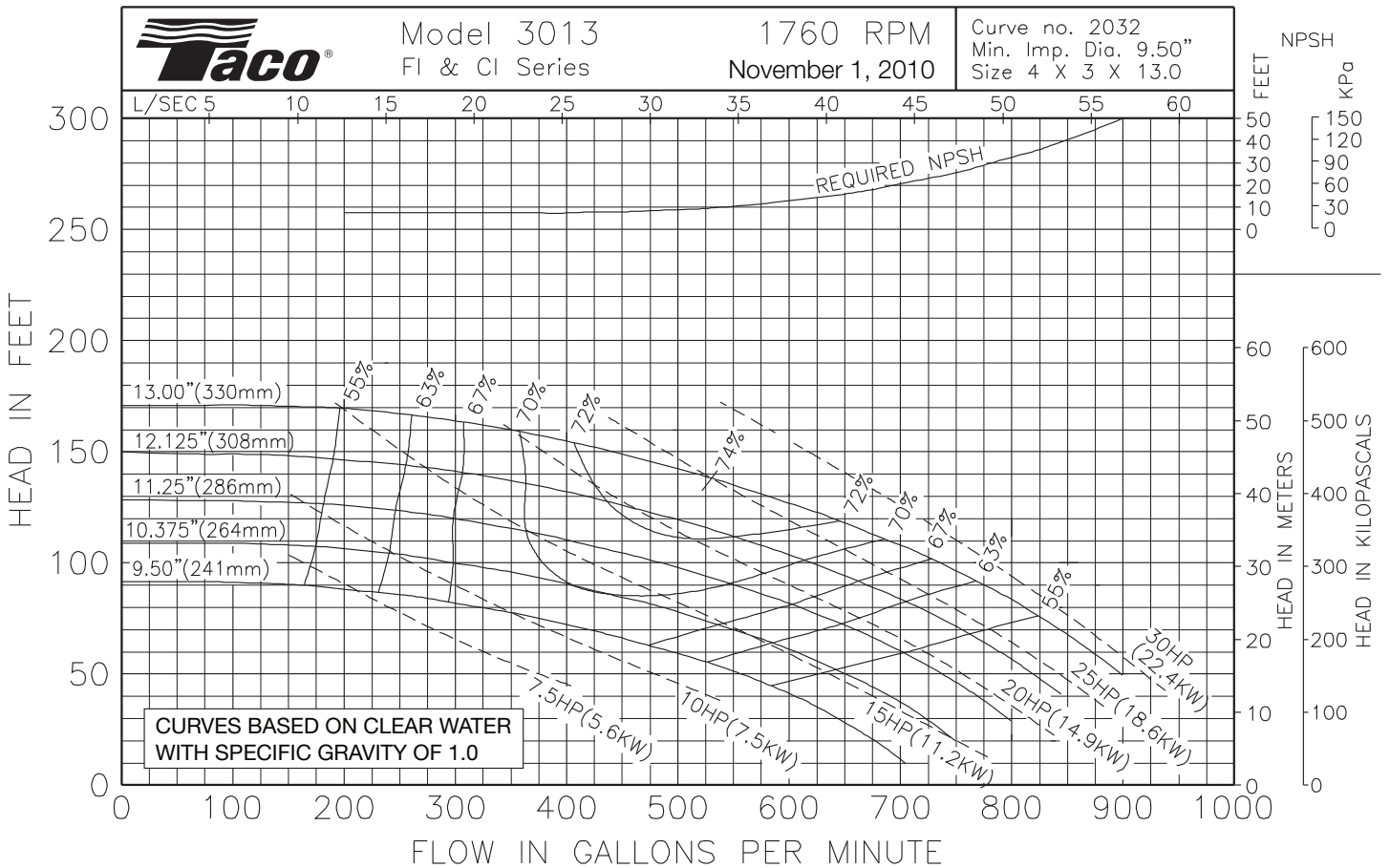
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	437 (198)
254JM - 256JM	596 (270)
284JM - 286JM	755 (342)



Comments:

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# Submittal Data Information

## CI Series Pumps

301-1319

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

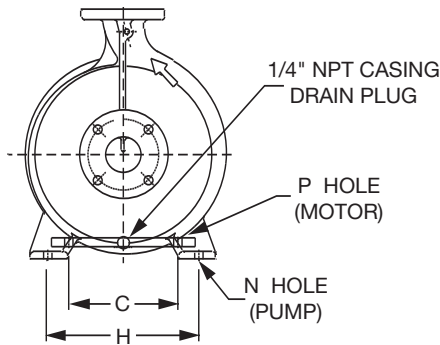
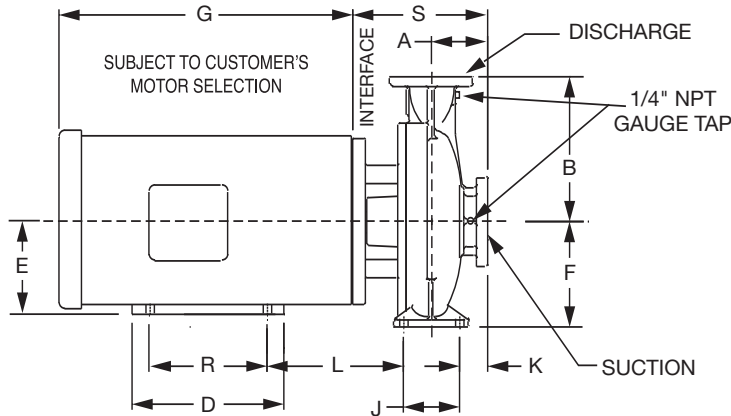
1760 RPM MODEL 4007

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4007 5 x 4 (127 x 102)	3	6.00 (152)	10.81 (275)	3.64 (92)	10.97 (279)
	5				
	7.5				
	10				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4007 5 x 4 (127 x 102)	182JM	3	5.56 (141)	10.50 (267)	7.5 (191)	6.50 (165)	4.50 (114)	7.88 (200)	12.25 (311)	11.01 (280)	4.72 (120)	3.20 (81)	6.11 (155)	0.75 (19)	0.41 (10)	4.5 (114)	10.53 (267)
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.11 (155)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.11 (180)		0.41 (10)	5.5 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.11 (180)		0.41 (10)	7.0 (178)	

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

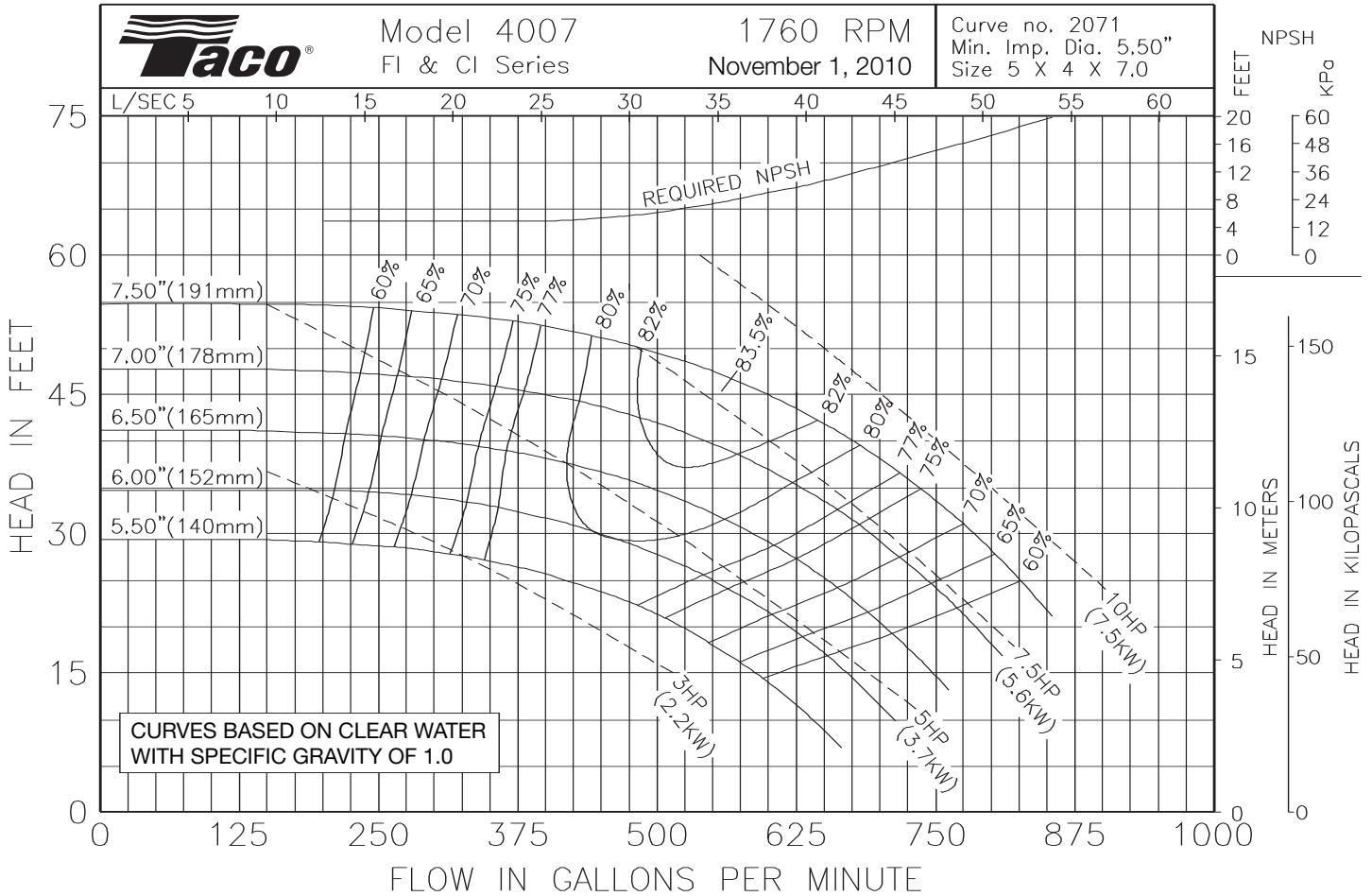
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	217 (98)
213JM - 215JM	281 (127)



Comments:

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# Submittal Data Information CI Series Pumps

301-1375

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

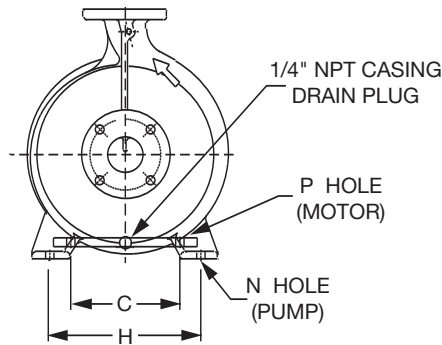
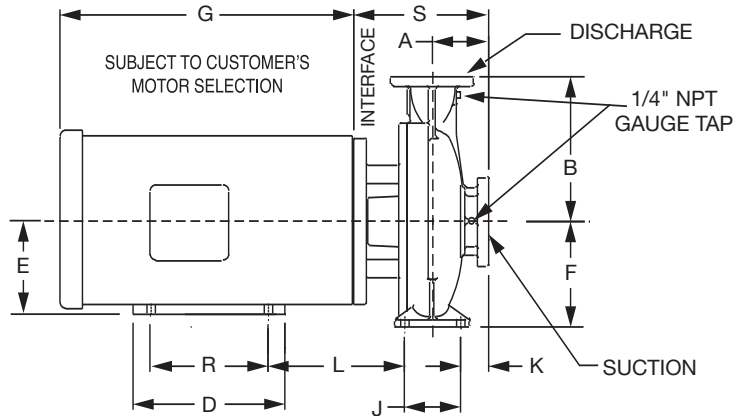
1760 RPM MODEL 4009

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4009 5 x 4 (127 x 102)	10	5.75 (146)	12.81 (325)	3.39 (86)	10.37 (263)
	15				10.99 (279)
	20				
	25				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4009 5 x 4 (127 x 102)	215JM	10	5.31 (135)	12.50 (318)	8.5 (216)	8.00 (203)	5.25 (133)	8.86 (225)	13.94 (354)	12.40 (315)	4.72 (120)	2.95 (75)	6.76 (172)	0.75 (19)	0.41 (10)	7.00 (178)	9.93 (252)
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.89 (200)		0.53 (13)	8.25 (210)	10.56 (268)
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.89 (200)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.16 (207)		0.53 (13)	9.50 (241)	

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

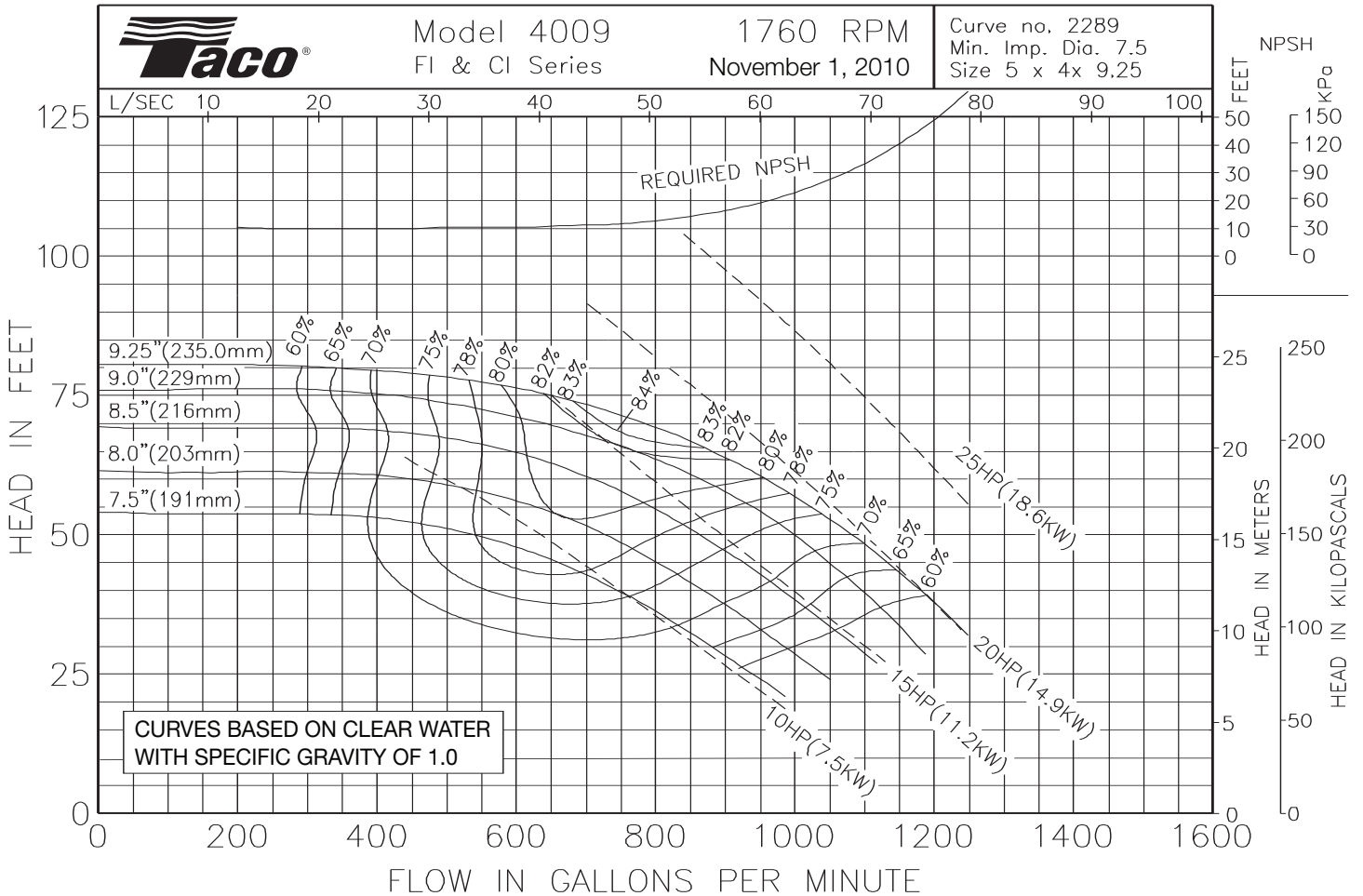
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	291 (132)
254JM - 256JM	451 (205)
284JM - 286JM	574 (260)



Comments:

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# Submittal Data Information CI Series Pumps

301-1377

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

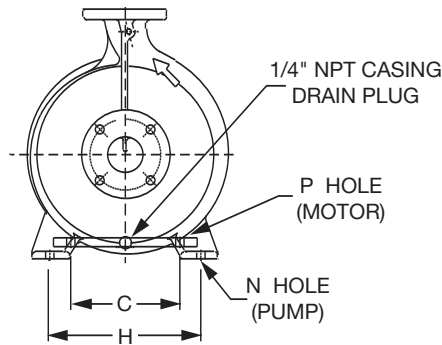
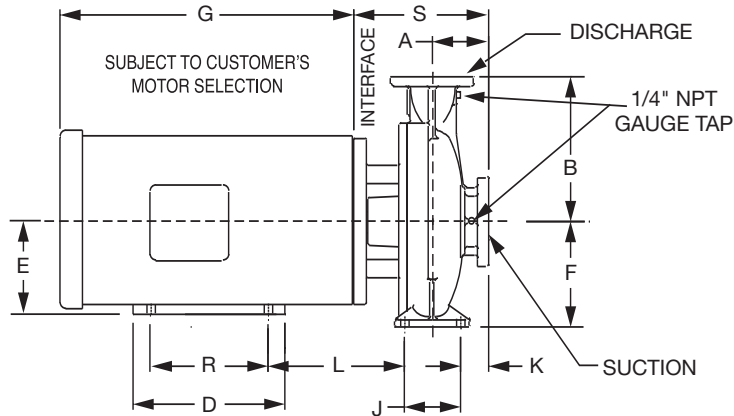
1760 RPM MODEL 4011

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4011 5 x 4 (127 x 102)	15	5.75 (146)	14.31 (363)	3.39 (86)	11.09 (282)
	20				
	25				
	30				
	40				
50					

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4011 5 x 4 (127 x 102)	254JM	15	5.31 (135)	14.00 (356)	10.0 (254)	9.50 (241)	6.25 (159)	9.84 (250)	16.19 (411)	12.40 (315)	4.72 (120)	2.95 (75)	7.98 (203)	0.75 (19)	0.53 (13)	8.25 (210)	10.65 (271)
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.98 (203)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				7.98 (203)		0.53 (13)	9.50 (241)	
	286JM	30			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				7.98 (203)		0.53 (13)	11.00 (279)	
	324JM	40			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.49 (216)		0.66 (17)	10.50 (267)	
	326JM	50			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				8.49 (216)		0.66 (17)	12.00 (305)	

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

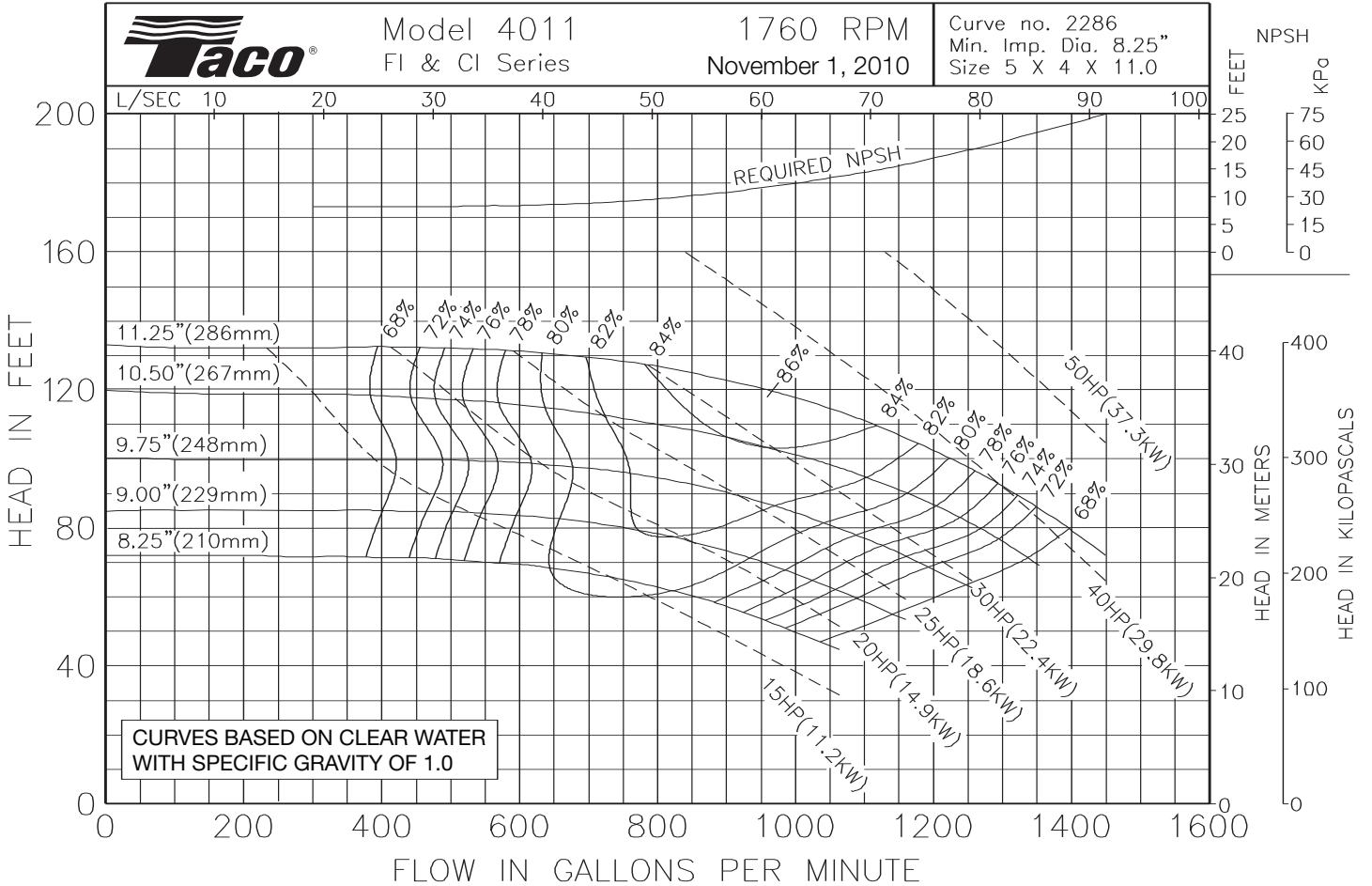
**OPERATING SPECIFICATIONS**

	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)
254JM - 256JM	456 (207)
284JM - 286JM	619 (281)
324JM - 326JM	743 (337)



Comments:

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# Submittal Data Information

## CI Series Pumps

301-2123

EFFECTIVE: JULY 31, 2012

SUPERSEDES: NEW

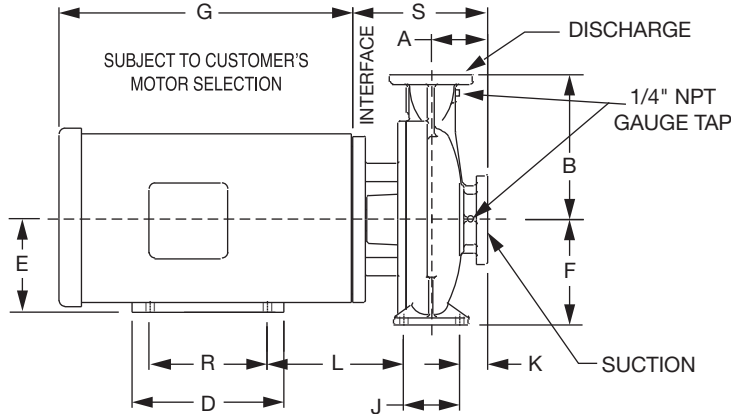
1760 RPM MODEL 4011C

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 \_\_\_\_\_



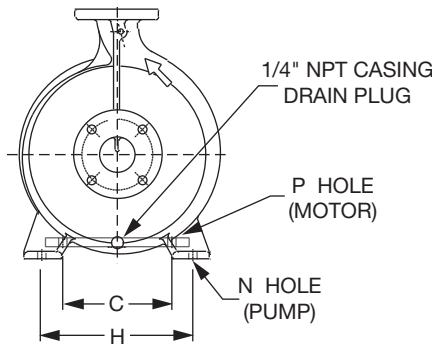
### OPERATING SPECIFICATIONS

	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)
213JM - 215JM	319 (145)
254JM - 256JM	456 (207)
284JM - 286JM	619 (281)



### DIMENSIONS (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4011C 5 x 4 (127 x 102)	10	5.75 (146)	14.31 (363)	3.39 (86)	11.09 (282)
	15				
	20				
	25				
	30				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

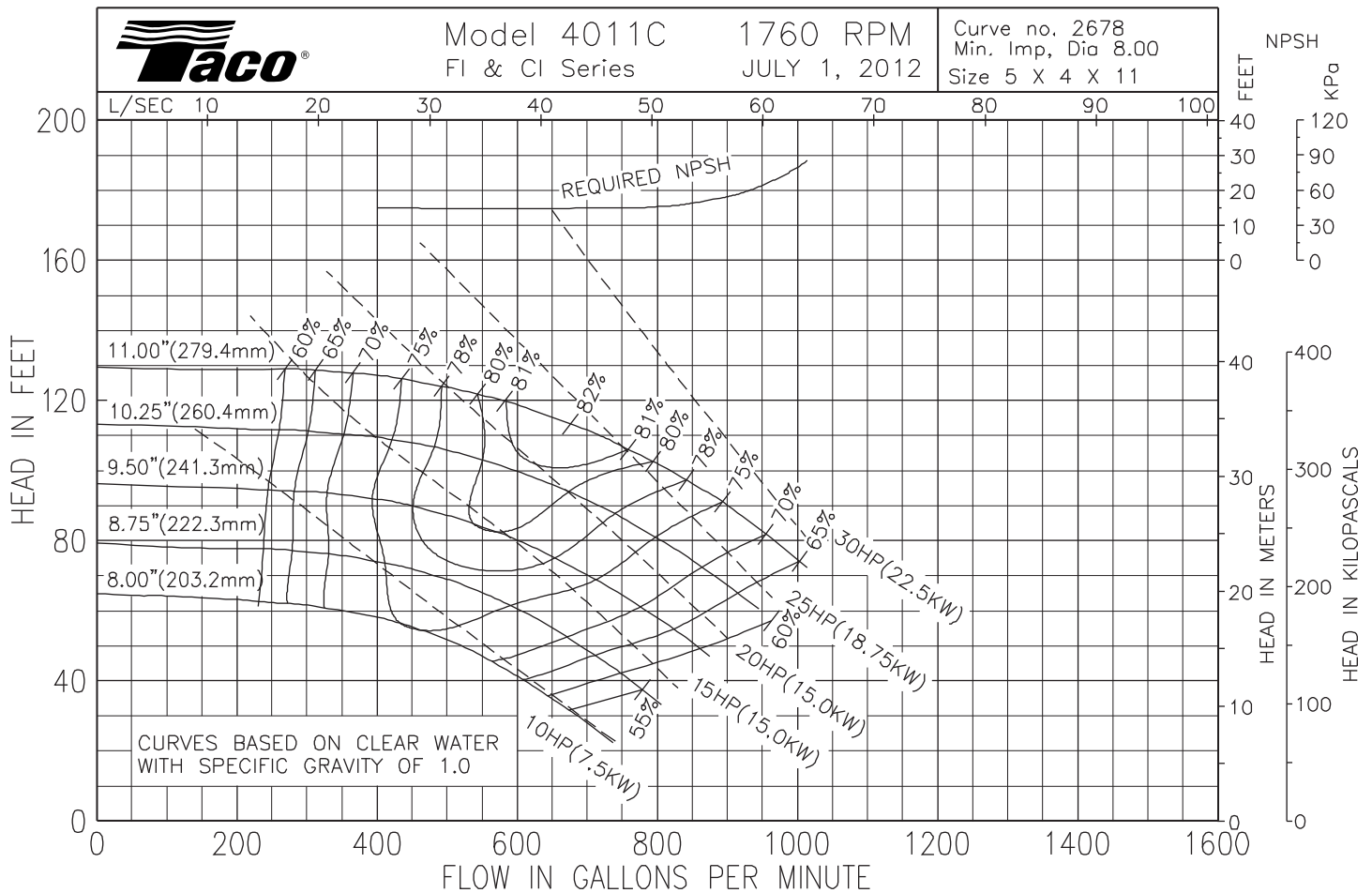
Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4011C 5 x 4 (127 x 102)	215JM	10	5.31 (135)	14.00 (356)	8.5 (216)	8.00 (203)	5.25 (133)	9.84 (250)	13.94 (354)	12.40 (315)	4.72 (120)	2.95 (75)	6.80 (173)	0.56 (14)	0.41 (10) 0.53 (13)	7.00 (178)	10.65 (271)
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.25 (210)				
	256JM	20			11.0 (279)	11.75 (298)			19.81 (503)				10.00 (254)				
	284JM	25			10.75 (273)	7.00 (178)	9.50 (241)										
	286JM	30			12.25 (311)		11.00 (279)										

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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**TACO (Canada), Ltd.**, 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.  
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# Submittal Data Information CI Series Pumps

301-1379

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

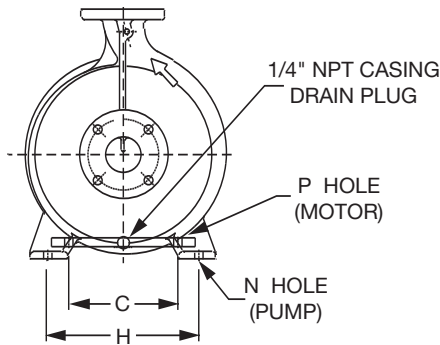
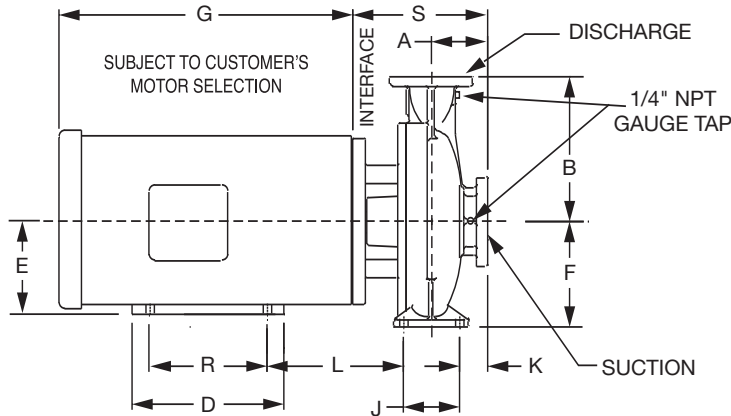
1760 RPM MODEL 4013

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4013 5 x 4 (127 x 102)	7.5	6.54 (166)	14.31 (363)	4.18 (106)	11.33 (288)
	10				11.96 (304)
	20				
	25				
	30				
40					
50					

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4013 5 x 4 (127 x 102)	213JM	7.5	6.10 (155)	14.00 (356)	8.5 (216)	8.00 (203)	5.25 (133)	9.84 (250)	13.94 (354)	12.40 (315)	4.72 (120)	3.74 (95)	6.78 (172)	0.75 (19)	0.41 (10)	5.50 (140)	10.89 (277)
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.07 (180)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.06 (205)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.06 (205)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.06 (205)		0.53 (13)	9.50 (241)	
	286JM	30			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.06 (205)		0.53 (13)	11.00 (279)	
	324JM	40			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.57 (218)		0.66 (17)	10.50 (267)	
	326JM	50			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				8.57 (218)		0.66 (17)	12.00 (305)	

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

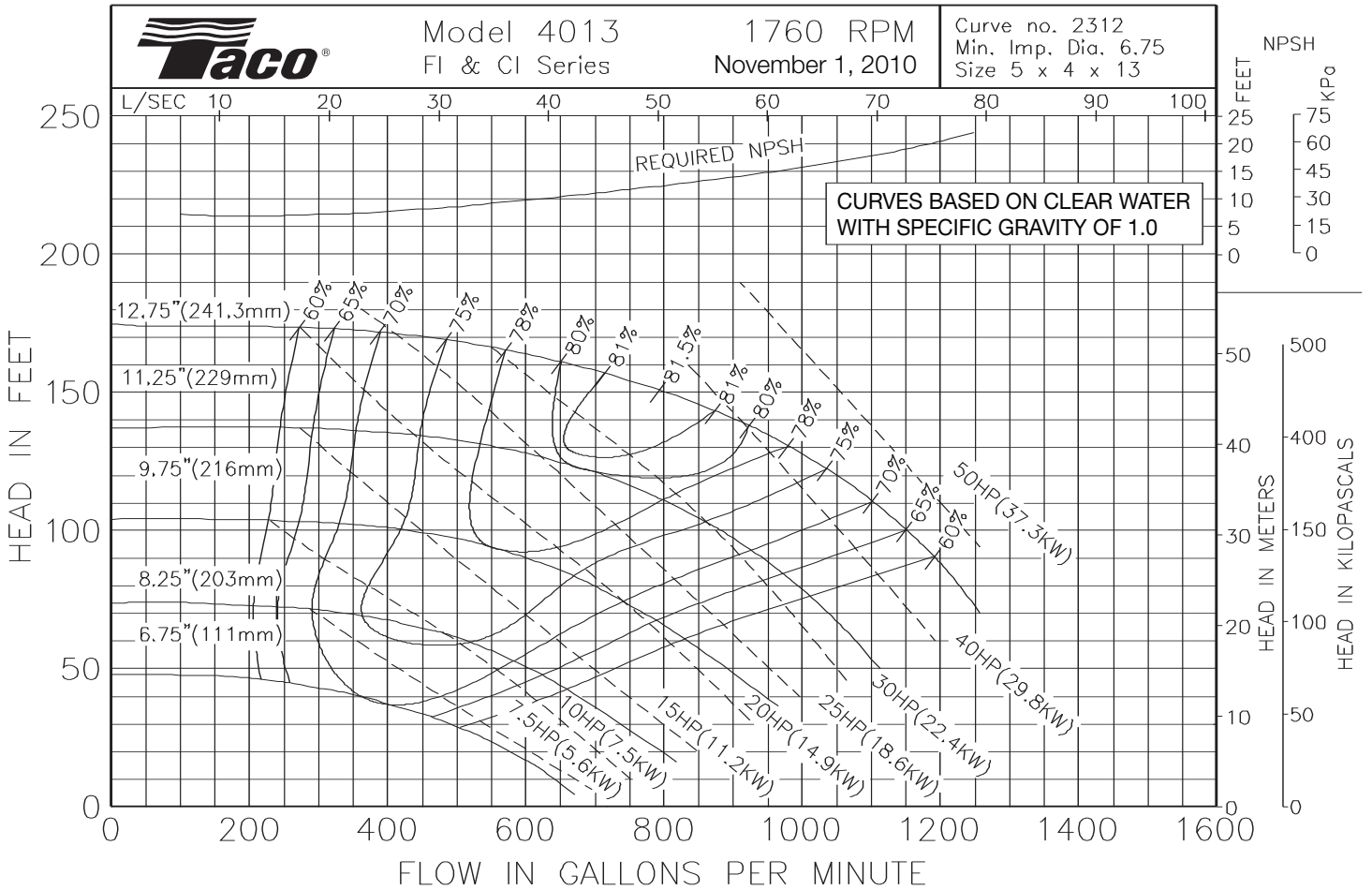
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	443 (201)
254JM - 256JM	579 (263)
284JM - 286JM	687 (312)
324JM - 326JM	883 (401)



Comments:

**Do it Once. Do it Right.®**

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# Submittal Data Information CI Series Pumps

301-1352

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

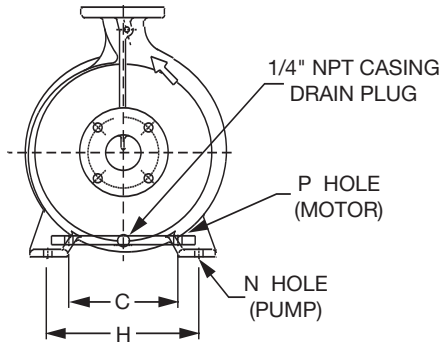
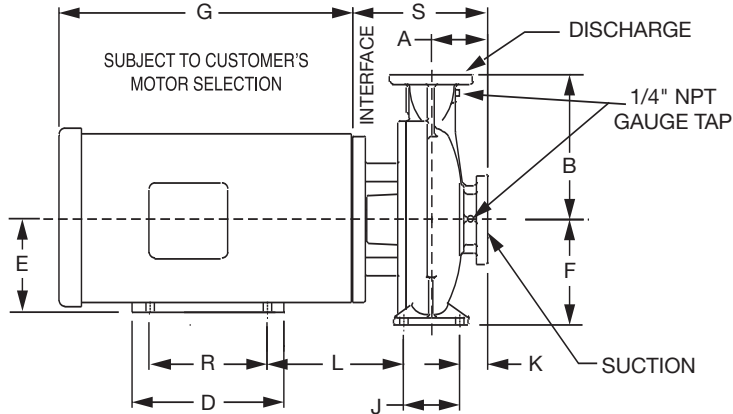
1760 RPM MODEL 4075

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4075 5 x 4 (127 x 102)	3	5.16 (131)	11.12 (282)	3.28 (83)	10.18 (259)
	5				
	7.5				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
4075 5 x 4 (127 x 102)	182JM	3	4.72 (120)	10.81 (275)	7.5 (191)	6.50 (165)	4.50 (114)	7.09	12.25 (311)	9.84 (250)	3.75 (95)	2.84 (72)	6.65 (169)	0.62 (16)	0.41 (10)	4.5 (115)	9.75 (248)
	184JM	5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.65 (169)		0.41 (10)	5.5 (140)	
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.65 (194)		0.41 (10)	5.5 (140)	

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

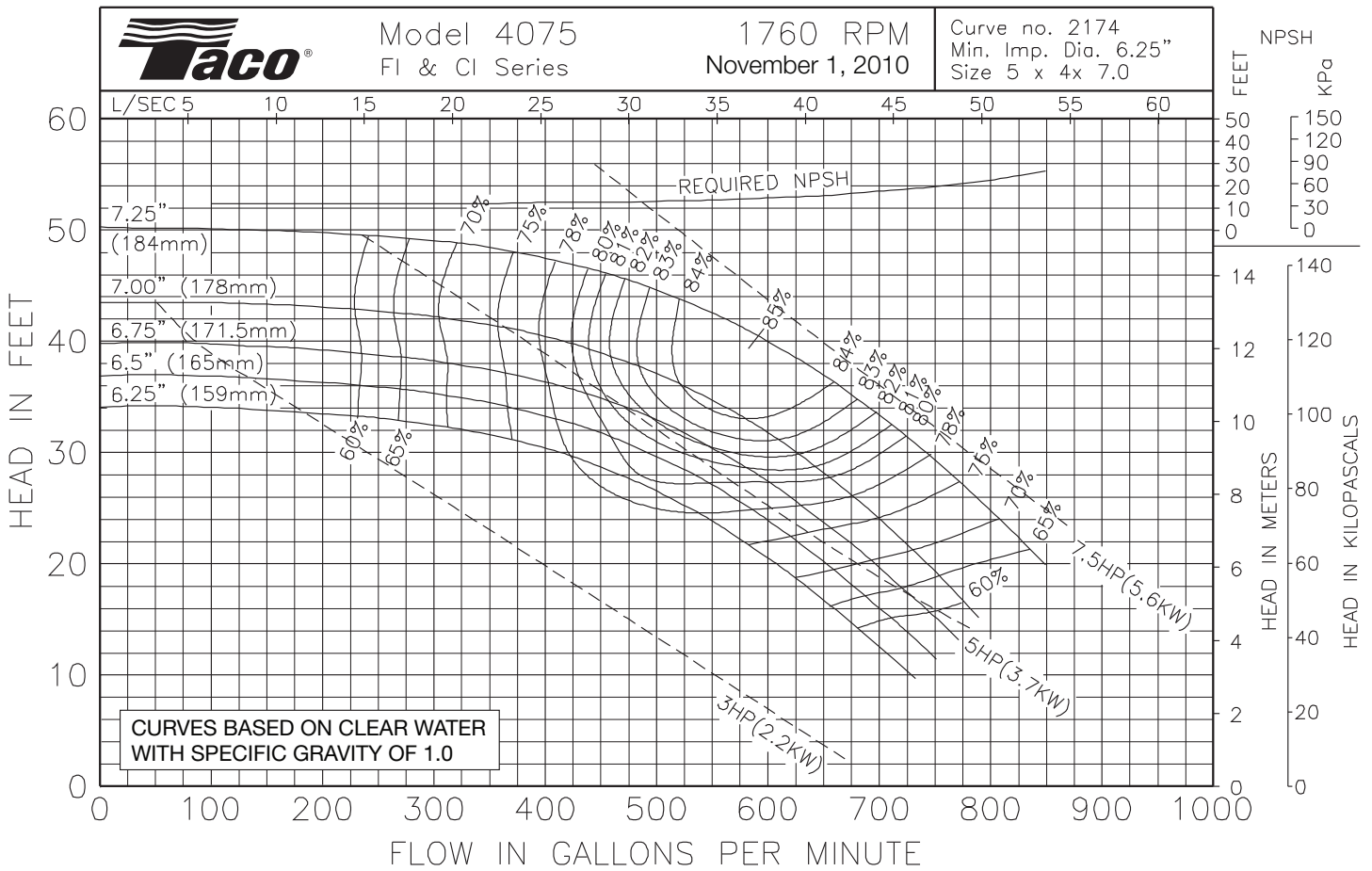
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	244 (111)
213JM - 215JM	291 (132)



Comments:

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# Submittal Data Information CI Series Pumps

301-1355

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

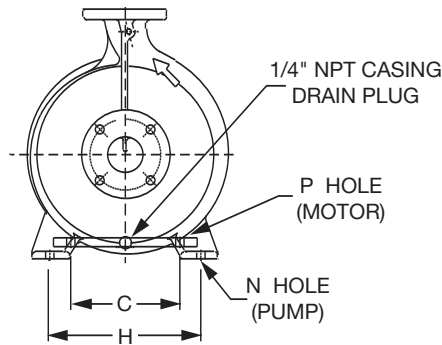
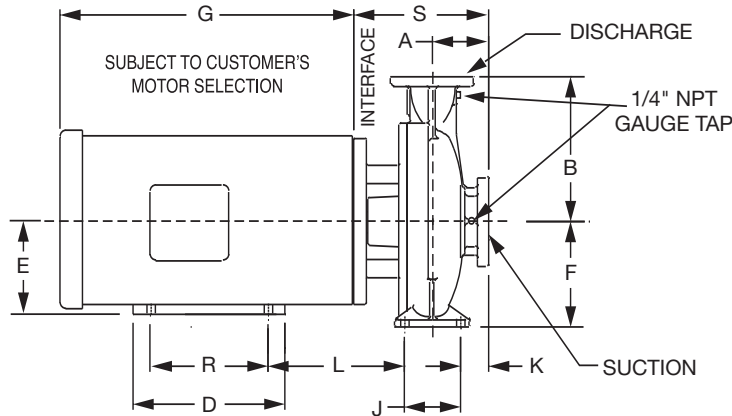
1760 RPM MODEL 5007

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
5007 6 x 5 (152 x 127)	5	5.75 (146)	11.44 (291)	3.39 (86)	10.90 (277)
	7.5				
	10				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
5007 6 x 5 (152 x 127)	184JM	5	5.31 (135)	11.00 (279)	7.5 (191)	6.50 (165)	4.50 (114)	7.88	12.25 (311)	11.02 (280)	4.72 (120)	2.95 (75)	6.29 (160)	0.75 (19)	0.41 (10)	5.5 (140)	10.46 (266)
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.29 (185)		0.41 (10)	5.5 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.29 (185)		0.41 (10)	7.0 (178)	

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

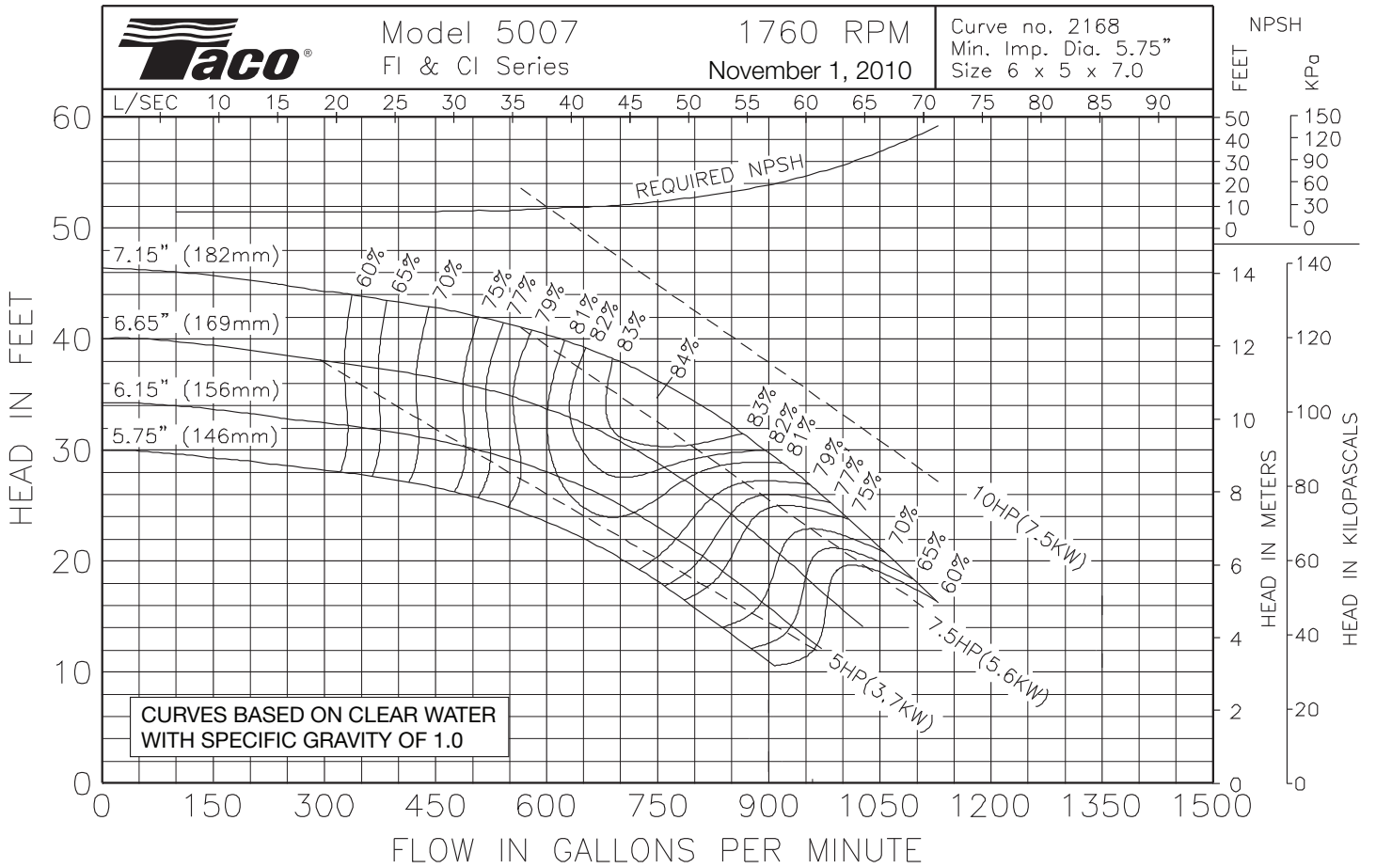
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	271 (123)
213JM - 215JM	329 (149)



Comments:

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# Submittal Data Information CI Series Pumps

301-1331

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

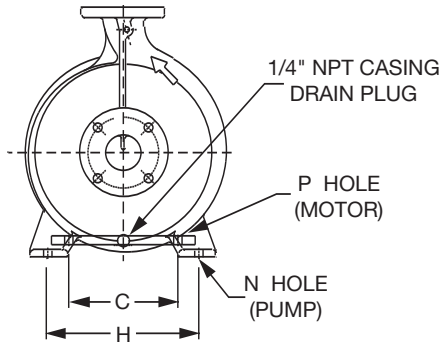
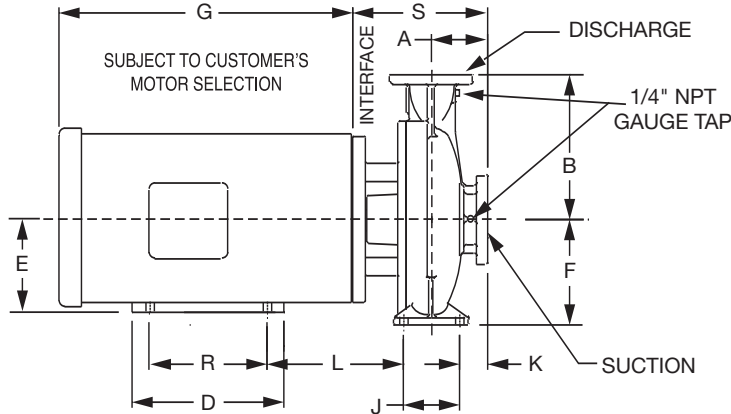
1760 RPM MODEL 5009

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
5009 6 x 5 (152 x 127)	5	5.75 (146)	14.44 (367)	3.39 (86)	10.60 (269)
	7.5				
	10				
	15				
	20				
					11.22 (285)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
5009 6 x 5 (152 x 127)	184JM	5	5.31 (135)	14.00 (356)	7.5 (191)	6.50 (165)	4.50 (114)	8.86 (225)	12.25 (311)	12.40 (315)	4.72 (120)	2.95 (75)	5.99 (152)	0.75 (19)	0.41 (10)	5.50 (140)	10.16 (258)
	213JM	7.5			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.99 (177)		0.41 (10)	5.50 (140)	
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.99 (177)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.11 (206)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.11 (206)		0.53 (13)	10.00 (254)	

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

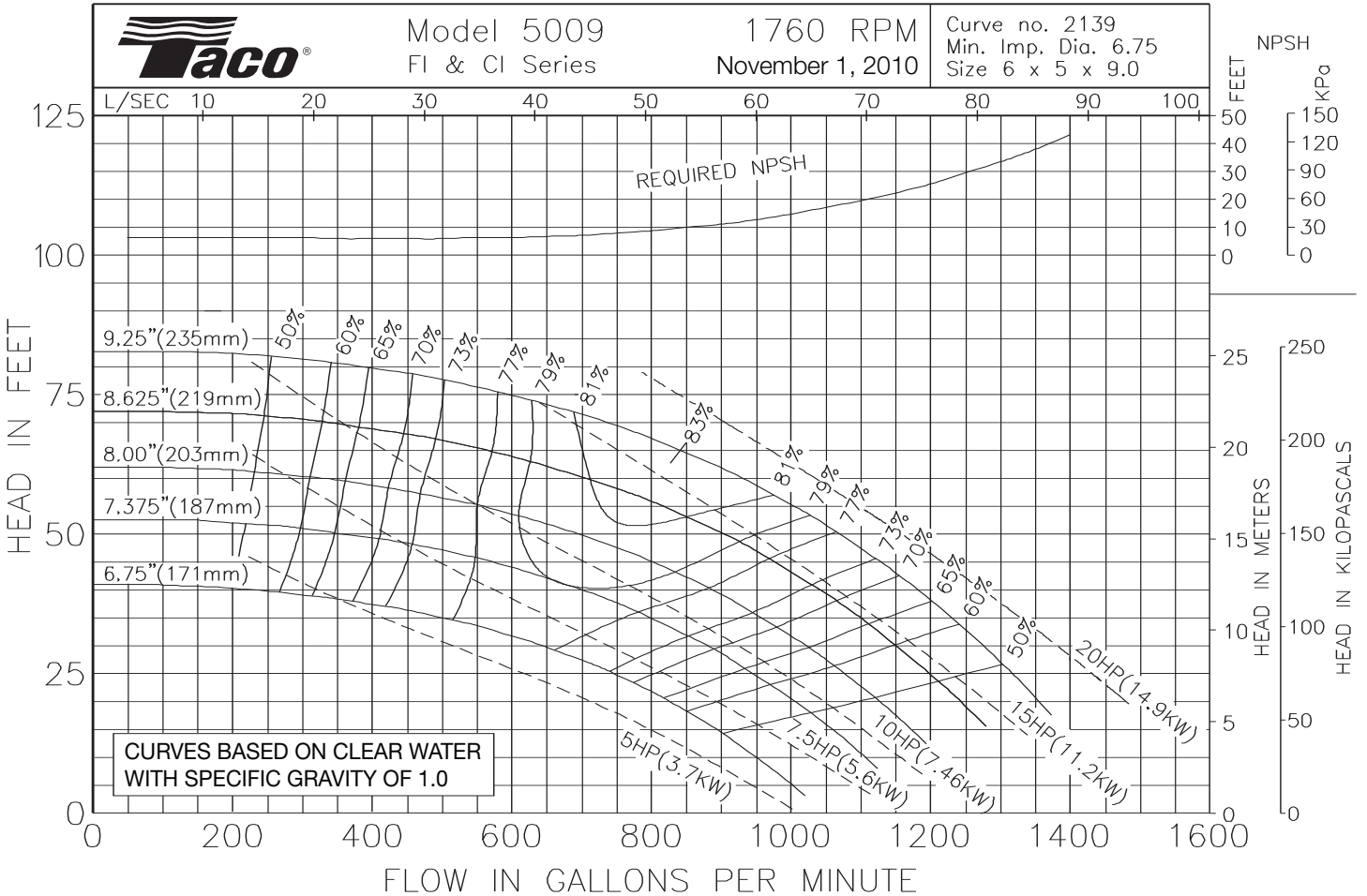
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	270 (122)
213JM - 215JM	334 (152)
254JM - 256JM	490 (222)



Comments:

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# Submittal Data Information CI Series Pumps

301-1340

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

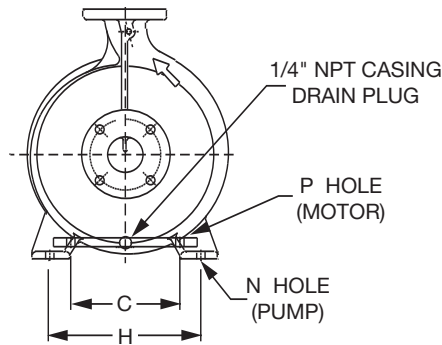
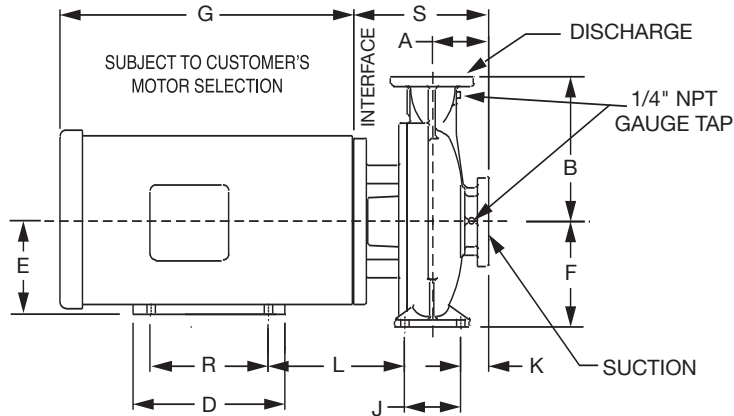
1760 RPM MODEL 5011

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
5011 6 x 5 (152 x 127)	10	5.75 (146)	15.44 (392)	2.80 (71)	10.60 (269)
	15				11.27 (286)
	20				
	25				
	30				
40					

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
5011 6 x 5 (152 x 127)	215JM	10	5.31 (135)	15.00 (381)	8.5 (216)	8.00 (203)	5.25 (133)	11.02 (280)	13.94 (354)	15.75 (400)	5.90 (150)	2.36 (60)	6.40 (163)	0.88 (22)	0.41 (10)	7.00 (178)	10.16 (258)
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				7.57 (192)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				7.57 (192)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				7.57 (192)		0.53 (13)	9.50 (241)	
	286JM	30			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				7.57 (192)		0.53 (13)	11.00 (279)	
	324JM	40			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.07 (205)		0.66 (17)	10.50 (267)	

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

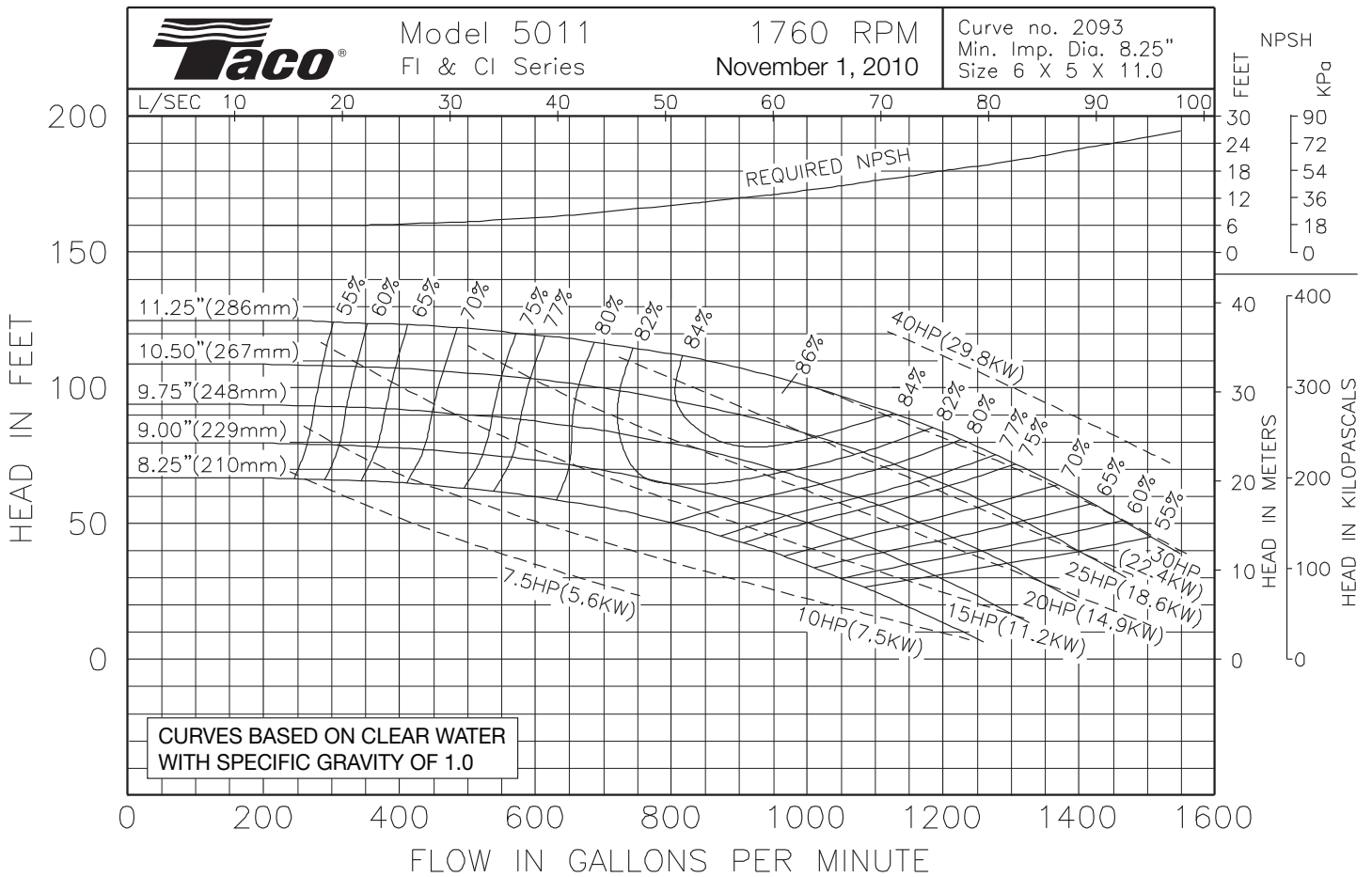
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	376 (171)
254JM - 256JM	542 (246)
284JM - 286JM	710 (322)
324JM - 326JM	825 (374)



Comments:

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# Submittal Data Information CI Series Pumps

301-1358

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

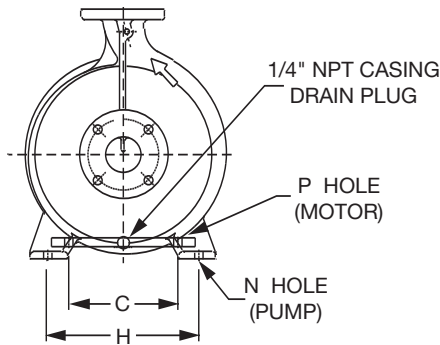
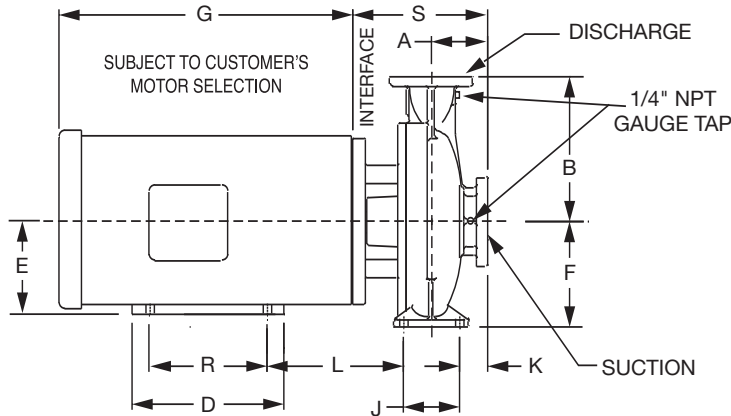
1760 RPM MODEL 5095

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
5095 6 x 5 (152 x 127)	7.5	5.75 (146)	11.44 (291)	3.40 (86)	10.66 (271)
	10				
	15				
	20				
	25				11.28 (287)

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
5095 6 x 5 (152 x 127)	213JM	7.5	5.31 (135)	11.00 (279)	8.5 (216)	8.00 (203)	5.25 (133)	8.86 (225)	13.94 (354)	12.40 (315)	4.72 (120)	2.95 (75)	7.04 (179)	0.75 (19)	0.41 (10)	5.50 (140)	10.21 (259)
	215JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.04 (179)		0.41 (10)	7.00 (178)	
	254JM	15			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.16 (207)		0.53 (13)	8.25 (210)	
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.16 (207)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.16 (207)		0.53 (13)	9.5 (241)	10.84 (275)

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

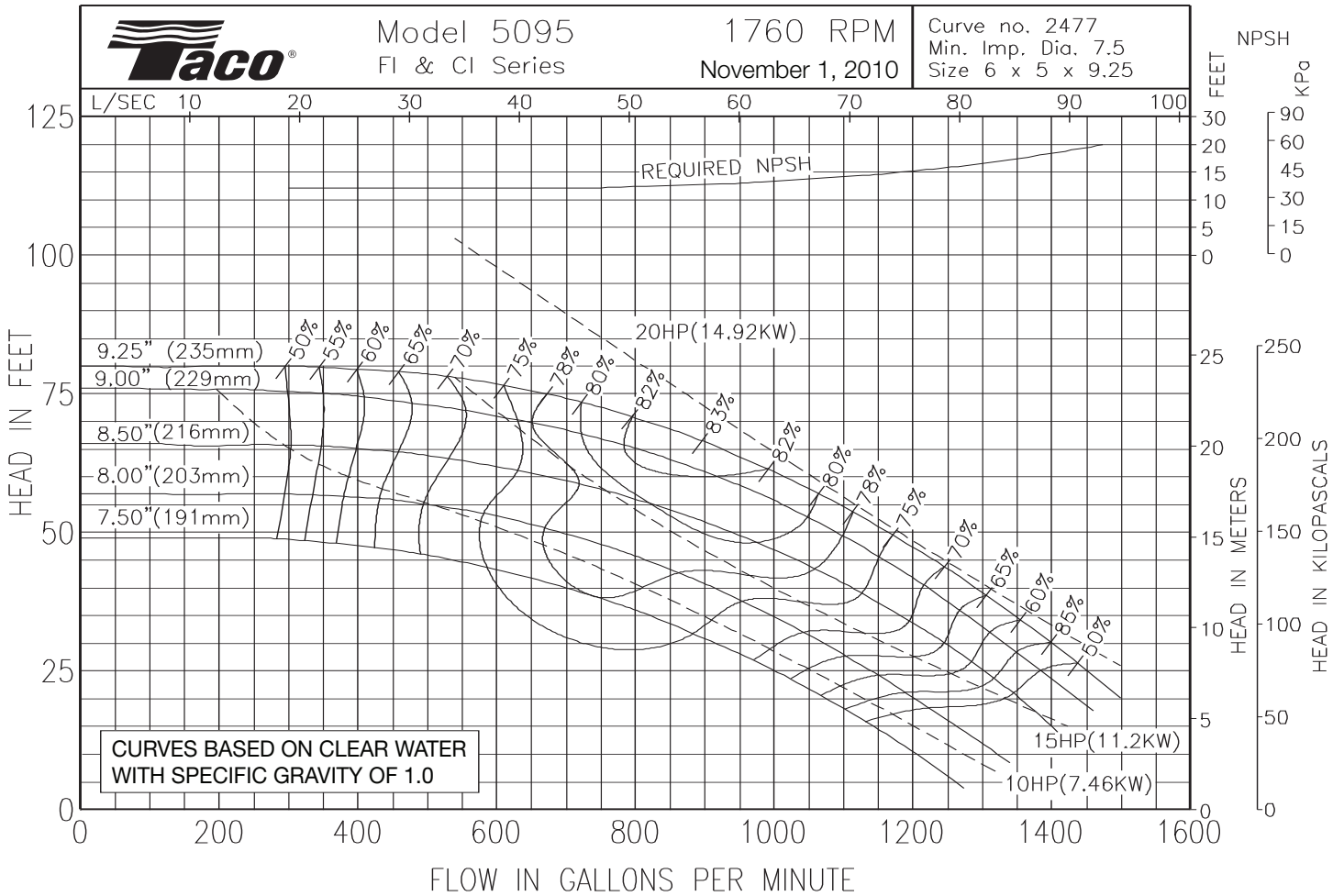
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	341 (155)
254JM - 256JM	471 (214)
284JM - 286JM	598 (271)



Comments:

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# Submittal Data Information CI Series Pumps

301-1729

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

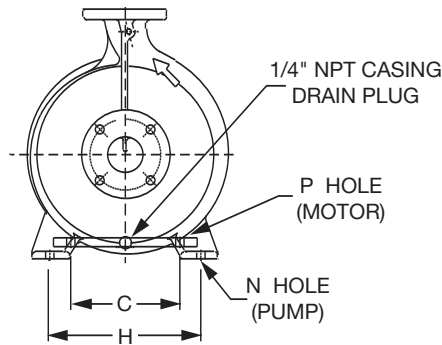
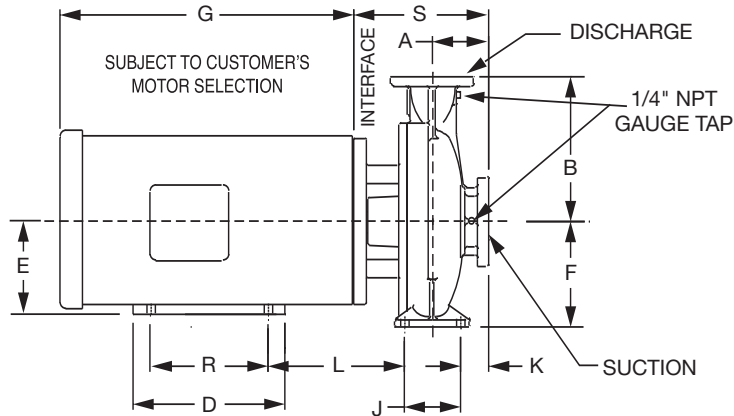
1760 RPM MODEL 6009B

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
6009B 8 x 6 (203 x 152)	15	6.60 (168)	14.44 (367)	4.24 (108)	12.76 (324)
	20				
	25				
	30				
	40				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
6009B 8 x 6 (203 x 152)	254JM	15	6.10 (155)	14.00 (356)	10.0 (254)	9.50 (241)	6.25 (159)	9.84 (250)	16.19 (411)	12.40 (315)	4.72 (120)	3.74 (95)	8.80 (224)	0.75 (19)	0.53 (13)	8.25 (210)	12.26 (311)
	256JM	20			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.80 (224)		0.53 (13)	10.00 (254)	
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.80 (224)		0.53 (13)	9.50 (241)	
	286JM	30			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.80 (224)		0.53 (13)	11.00 (279)	
	324JM	40			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				9.31 (236)		0.66 (17)	10.50 (267)	

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

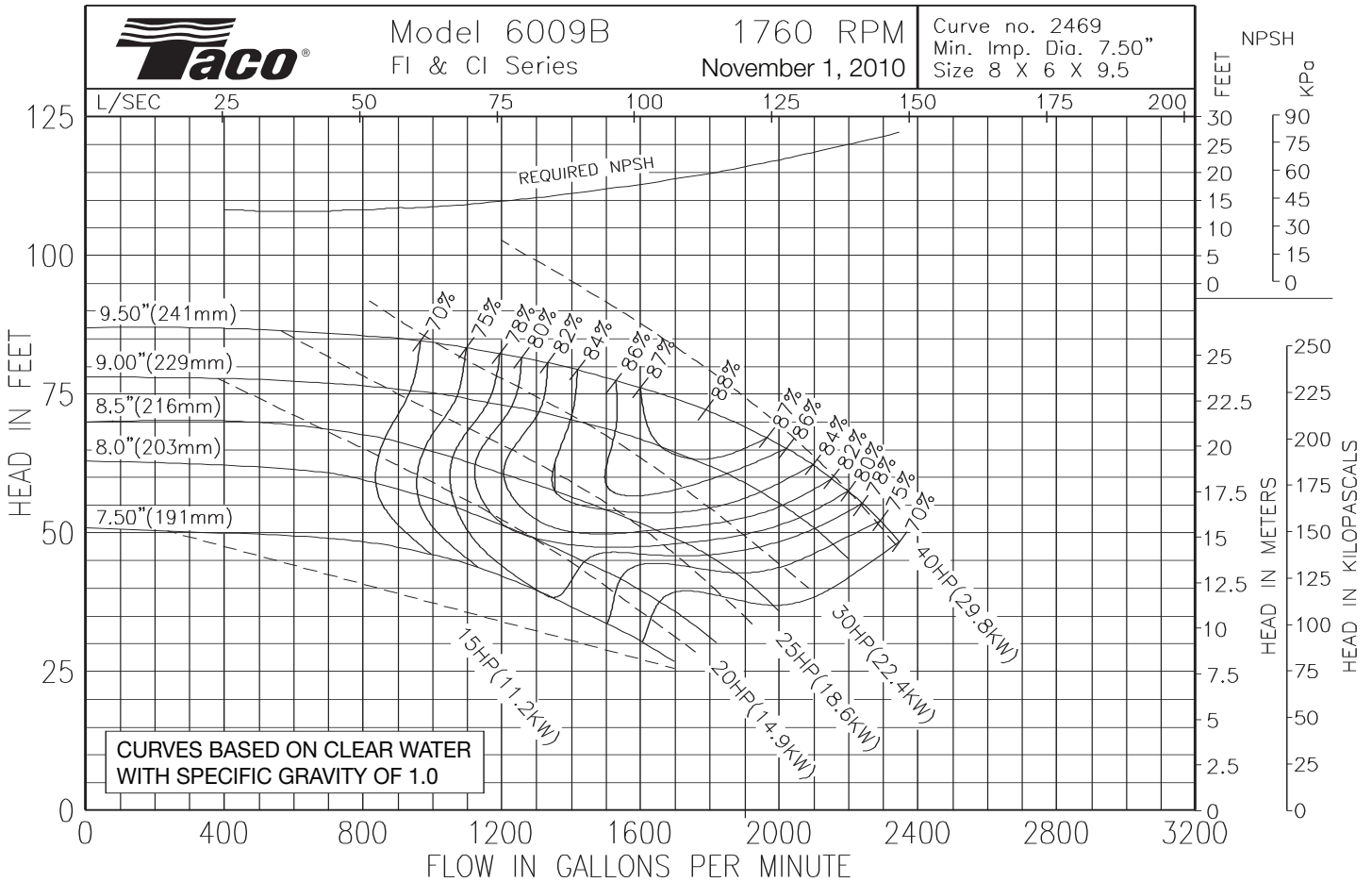
**OPERATING SPECIFICATIONS**

	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)
254JM - 256JM	574 (260)
284JM - 286JM	738 (335)
324JM - 326JM	822 (373)



Comments:

**Do it Once. Do it Right.®**

TACO, INC., 1160 Cranston Street, Cranston, RI 02920 Telephone: (401) 942-8000 FAX: (401) 942-2360.  
 TACO (Canada), Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8. Telephone: 905/564-9422. FAX: 905/564-9436.  
 Visit our web site at: <http://www.taco-hvac.com>

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# Submittal Data Information CI Series Pumps

301-1342

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

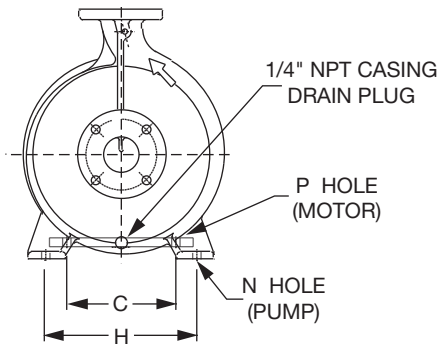
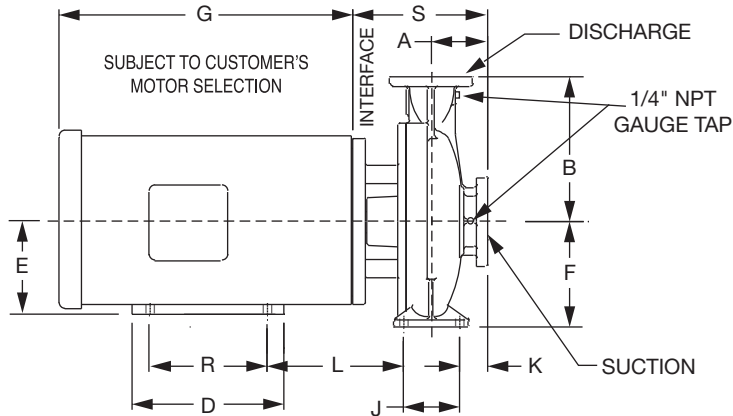
1760 RPM MODEL 6011

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 (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 1760 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
6011 8 x 6 (203 x 152)	20	6.60 (168)	15.44 (392)	3.65 (93)	12.62 (321)
	25				
	30				
	40				
	50				

### DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 1760 (RPM)	A ANSI Class 125	B ANSI Class 125	C (Motor)	D	E	F	G	H (Pump)	J	K ANSI Class 125	L	N (Pump)	P	R	S ANSI Class 125
6011 8 x 6 (203 x 152)	256JM	20	6.10 (155)	15.00 (381)	10.0 (254)	11.75 (298)	6.25 (159)	12.40 (315)	16.19 (411)	17.72 (450)	5.90 (150)	3.15 (80)	8.07 (205)	0.88 (22)	0.53 (13)	10.00 (254)	12.12 (308)
	284JM	25			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.07 (205)		0.53 (13)	9.50 (241)	
	286JM	30			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.07 (205)		0.53 (13)	11.00 (279)	
	324JM	40			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.57 (218)		0.66 (17)	10.50 (267)	
	326JM	50			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				8.57 (218)		0.66 (17)	12.00 (305)	

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

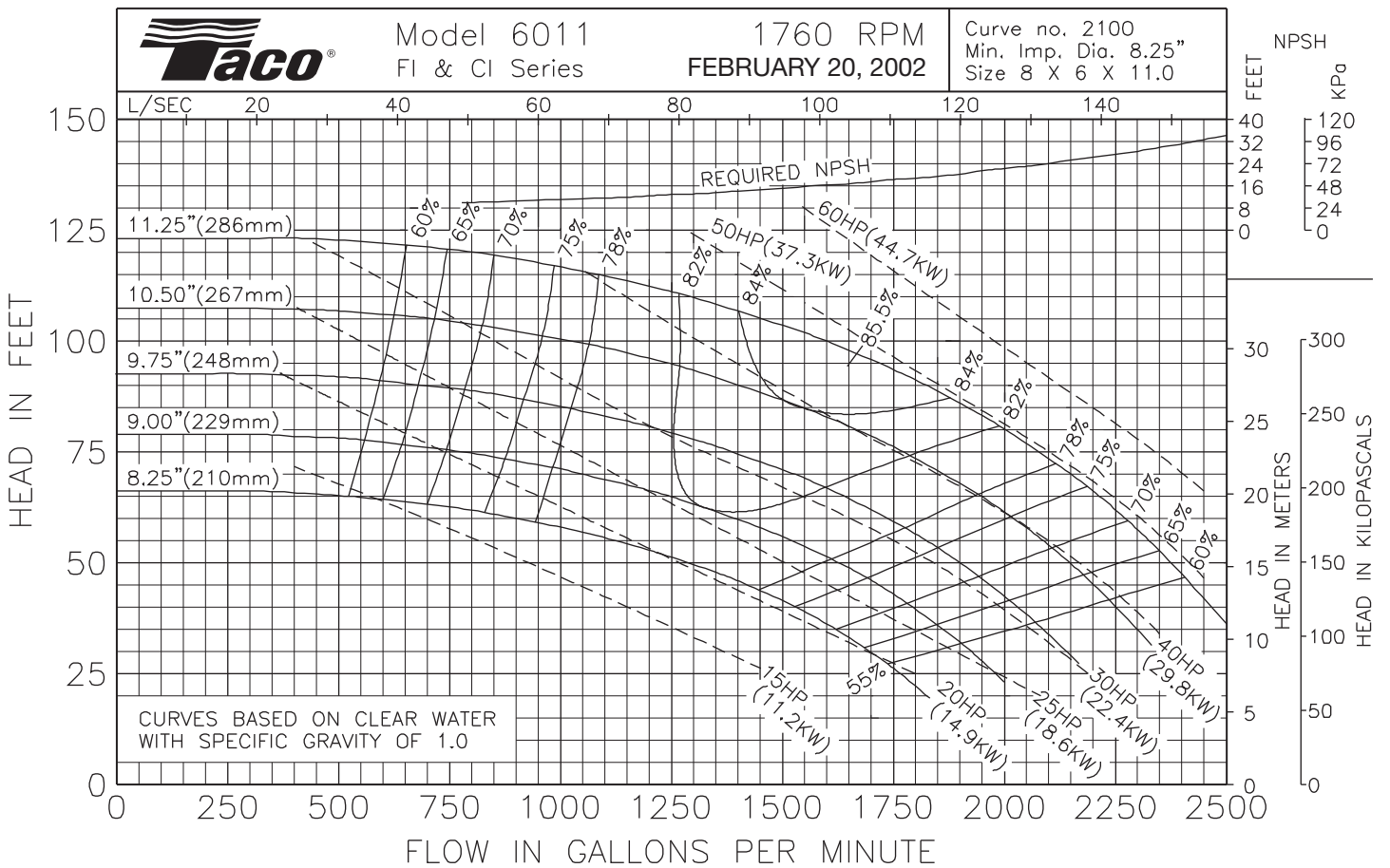
**OPERATING SPECIFICATIONS**

	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)
254JM - 256JM	691 (313)
284JM - 286JM	859 (390)
324JM - 326JM	1010 (458)



Comments:

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