



Submittal Data Information CI Series Pumps

301-1301

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

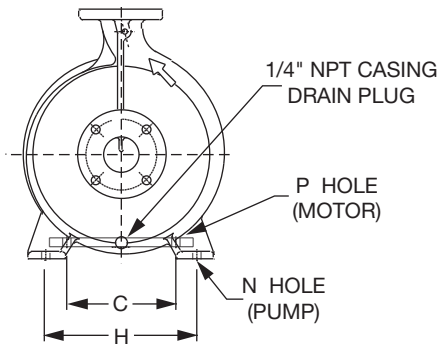
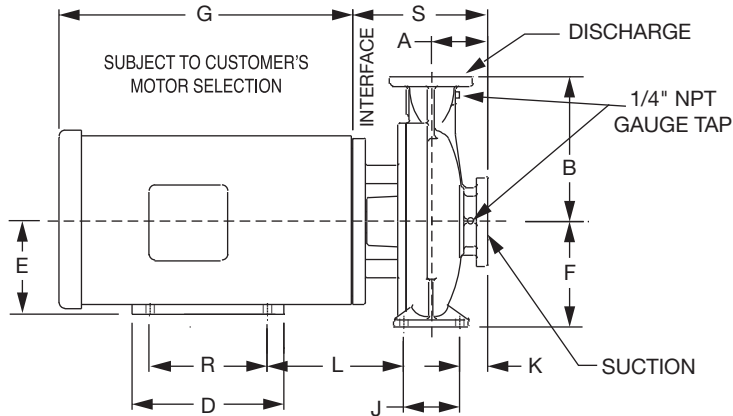
3500 RPM MODEL 1206

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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WEIGHT _____ PUMP/MOTOR _____



DIMENSIONS (250 PSI)

Model No. Flange Size (Suction x Discharge)	HP 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1206 2 x 1/4 (51 x 32)	2	4.01 (102)	6.50 (165)	2.63 (67)	8.18 (208)
	3				
	5				
	7.5				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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 1/4 (51 x 32)	145JM	2	3.75 (95)	6.25 (159)	5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)	7.48 (190)	2.76 (70)	2.37 (60)	5.66 (144)	0.62 (16)	0.34 (9)	5.0 (127)	7.92 (201)
		3			5.5 (140)	5.94 (151)	3.5 (89)		10.00 (254)				5.66 (144)		0.34 (9)	5.0 (127)	
	182JM	5			7.5 (191)	6.50 (165)	4.5 (114)	5.20 (132)	12.25 (311)				6.29 (160)		0.41 (10)	4.5 (114)	
		7.5			7.5 (191)	6.50 (165)	4.5 (114)		12.25 (311)				6.29 (160)		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

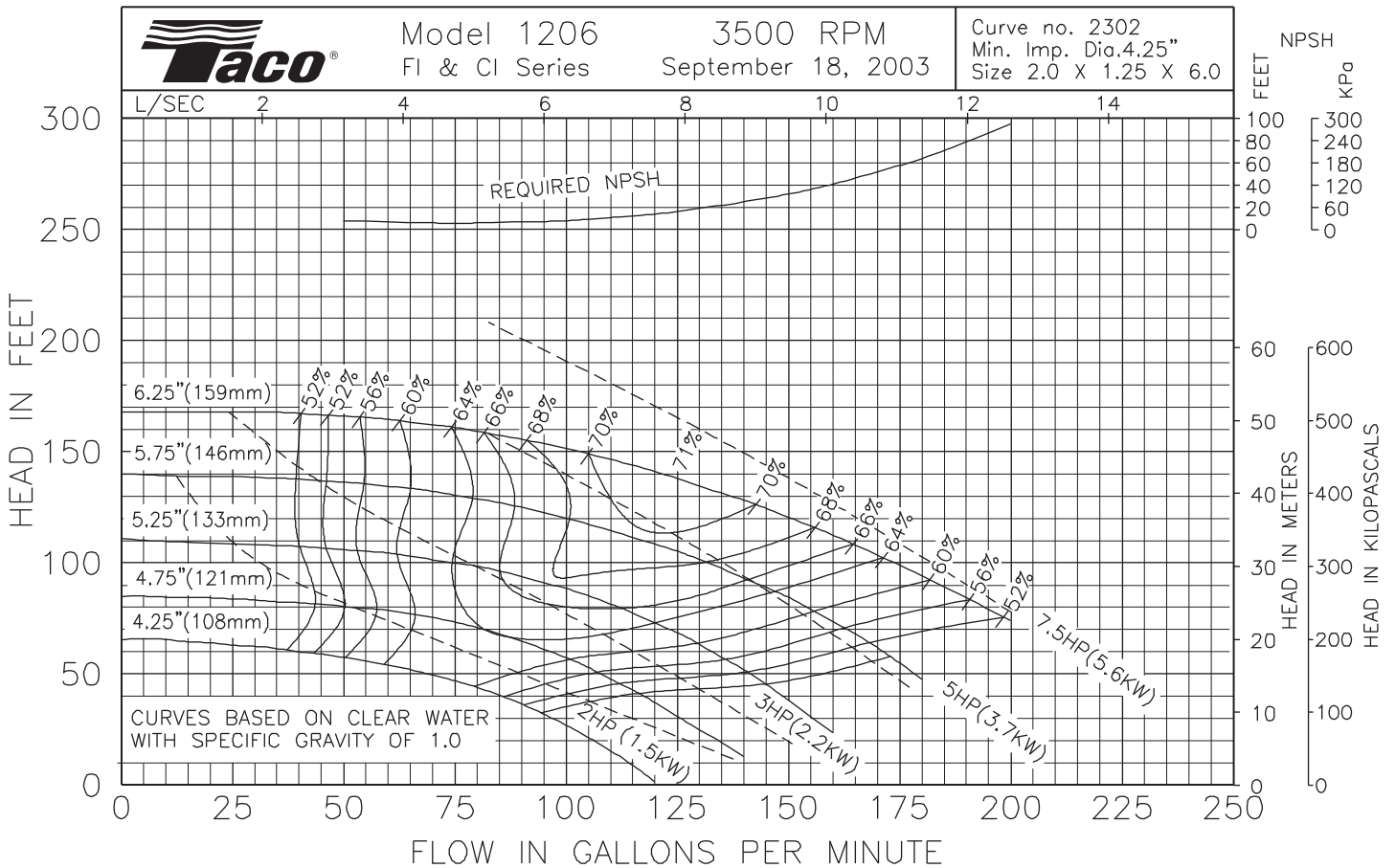
OPERATING SPECIFICATIONS

	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	176 (80)



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.

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Submittal Data Information CI Series Pumps

301-1308

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: MARCH 15, 2007

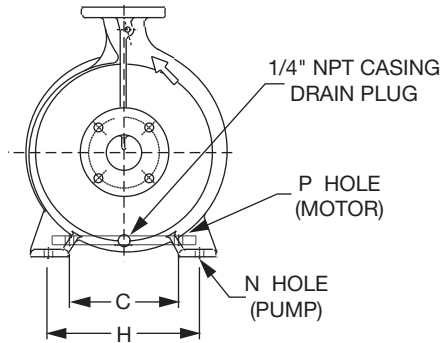
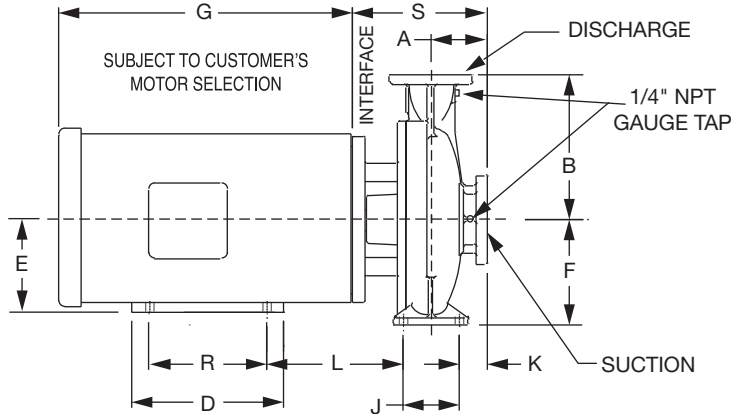
3500 RPM MODEL 1207

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1207 2 x 1 1/4 (51 x 32)	5	4.01 (102)	7.50 (191)	2.63 (67)	8.31 (211)
	7.5				
	10				
	15				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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 1/4 (51 x 32)	182JM	5	3.75 (95)	7.25 (184)	7.5 (191)	6.50 (165)	4.50 (114)	6.30 (160)	12.25 (311)	8.34 (212)	2.76 (70)	2.37 (60)	6.42 (163)	0.62 (16)	0.41 (10)	4.5 (114)	8.05 (204)
	184JM	7.5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.42 (163)		0.41 (10)	5.5 (140)	
	213JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.42 (188)		0.41 (10)	5.5 (140)	
	215JM	15			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.42 (188)		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)

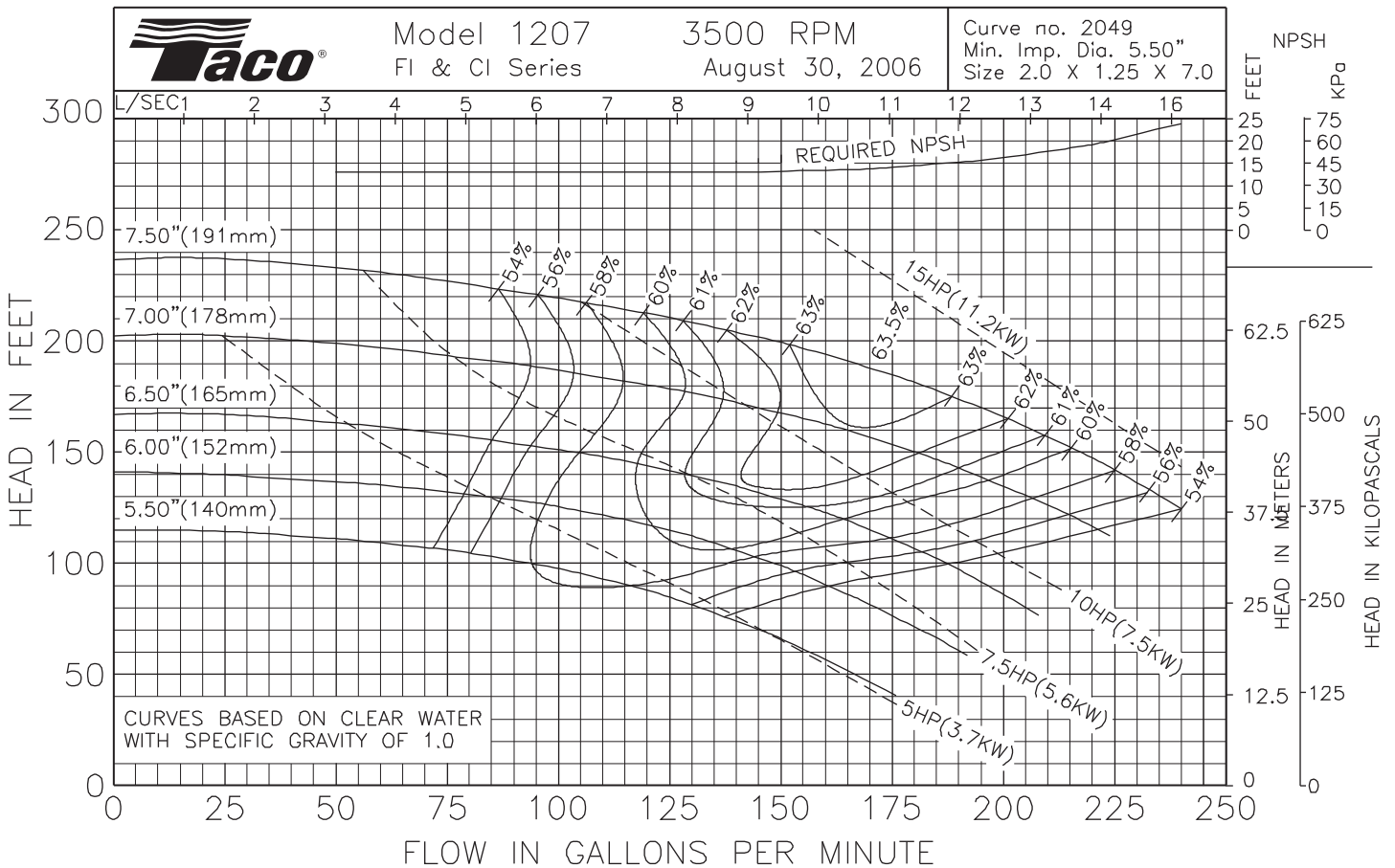
Motors: All NEMA Standard (T Frame)

* 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	180 (82)
213JM - 215JM	300 (136)



Comments:

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Submittal Data Information CI Series Pumps

301-1303

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: OCTOBER 31, 2004

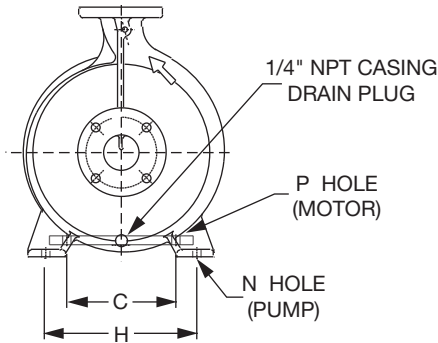
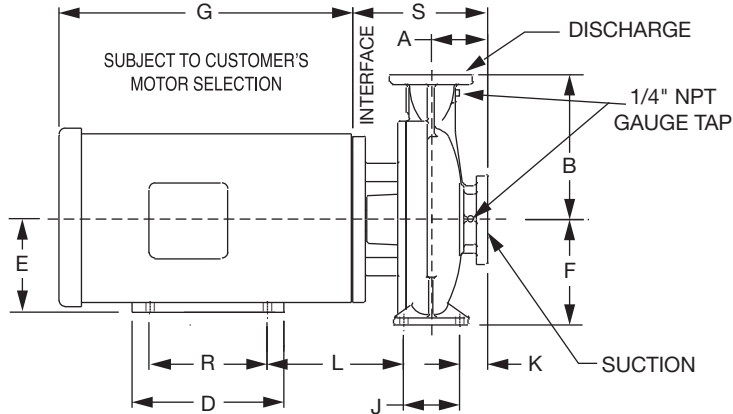
3500 RPM MODEL 1506

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1506 2½ x 1½ (64 x 38)	5	4.06 (103)	7.50 (191)	2.68 (68)	8.27 (210)
	7.5				
	10				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	182JM	5	3.75 (95)	7.25 (184)	7.5 (191)	6.50 (165)	4.50 (114)	5.20 (132)	12.25 (311)	7.48 (190)	2.76 (70)	2.37 (60)	6.33 (161)	0.62 (16)	0.41 (10)	4.5 (114)	7.96 (202)
	184JM	7.5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				6.33 (161)		0.41 (10)	5.5 (140)	
	213JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.33 (186)		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

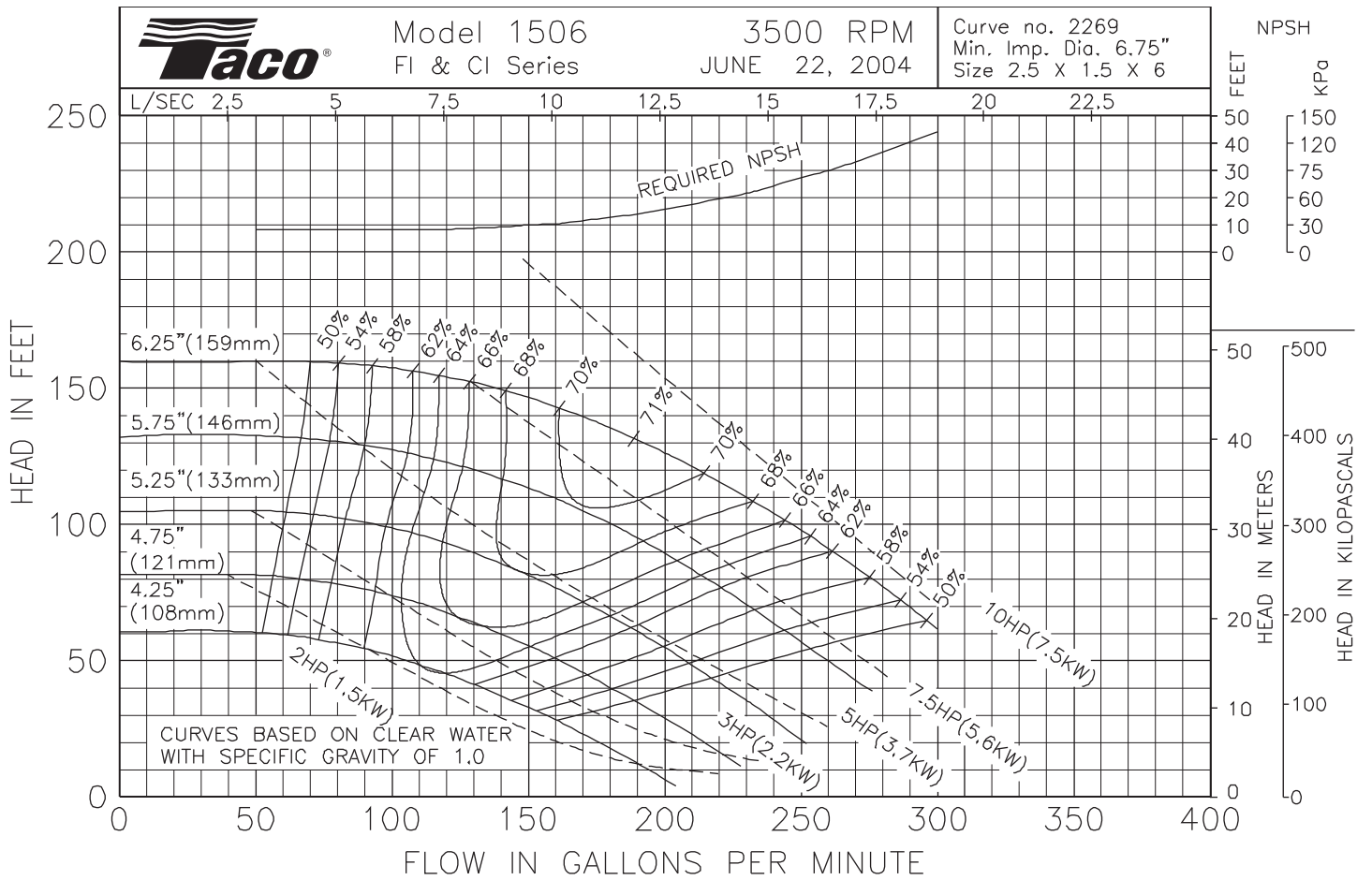
OPERATING SPECIFICATIONS

	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	176 (80)
213JM - 215JM	198 (90)



Comments:

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Submittal Data Information CI Series Pumps

301-1311

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: MARCH 15, 2007

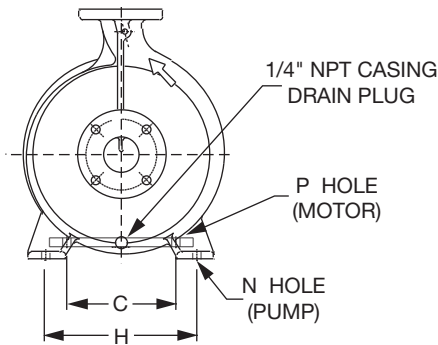
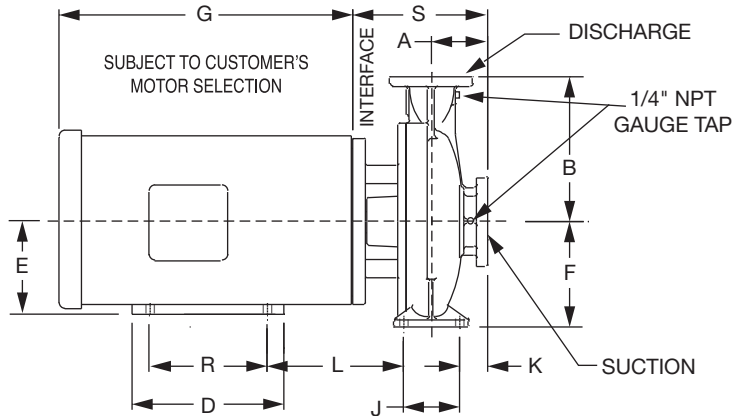
3500 RPM MODEL 1507

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
1507 2½ x 1½ (64 x 38)	7.5	4.06 (103)	7.00 (178)	2.68 (68)	8.41 (214)
	10				
	15				
	20				
	25				9.49 (241)

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	184JM	7.5	3.75 (95)	6.75 (171)	7.5 (191)	6.50 (165)	4.50 (114)	6.30 (160)	12.25 (311)	8.34 (212)	2.76 (70)	2.37 (60)	6.47 (164)	0.62 (16)	0.41 (10)	5.50 (140)	8.10 (206)
	213JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.47 (190)		0.41 (10)	5.50 (140)	
	215JM	15			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.47 (190)		0.41 (10)	7.00 (178)	
	254JM	20			10.0 (254)	9.25 (241)	6.25 (159)		16.19 (411)				9.05 (230)		0.53 (13)	8.25 (210)	
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				9.05 (230)		0.53 (13)	10.00 (254)	9.18 (233)

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

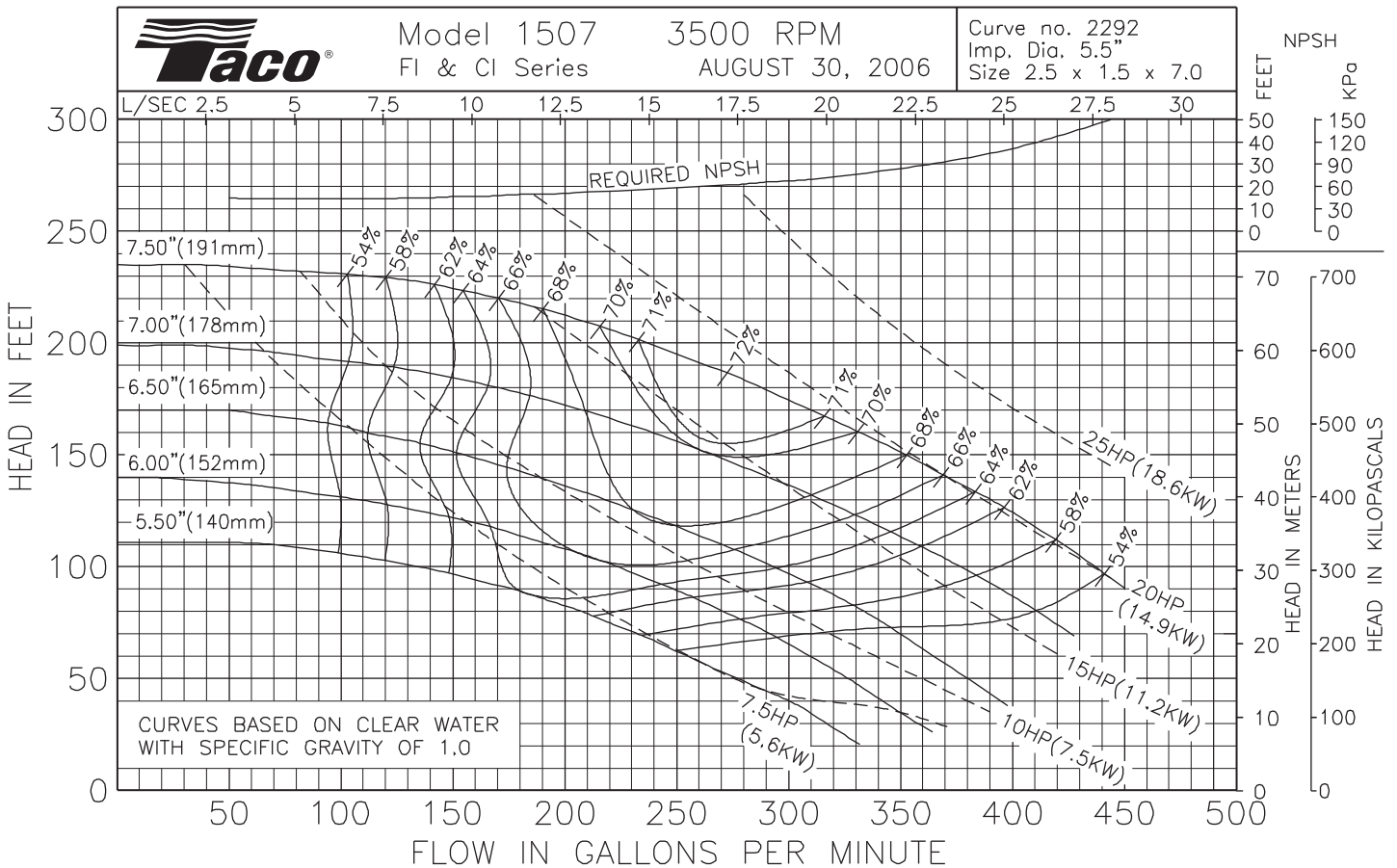
OPERATING SPECIFICATIONS

	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	194 (88)
213JM - 215JM	311 (141)
254JM - 256JM	500 (227)



Comments:

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Submittal Data Information CI Series Pumps

301-1323

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

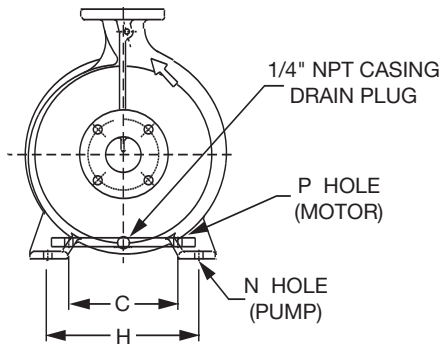
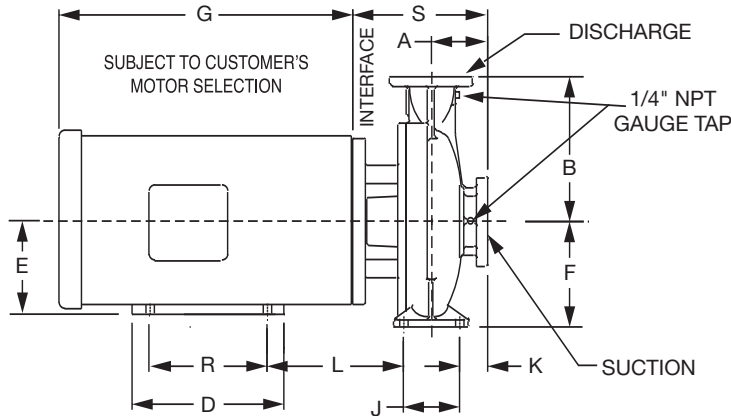
3500 RPM MODEL 1509

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 3500 (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)	15	4.87 (122)	8.25 (210)	3.00 (76)	9.23 (234)
	20				9.85 (250)
	25				
	30				
	40				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	215JM	15	4.56 (116)	8.00 (203)	8.5 (216)	8.00 (203)	5.25 (133)	7.09 (180)	13.94 (354)	9.84 (250)	3.76 (96)	2.69 (68)	6.98 (177)	0.62 (16)	0.41 (10)	7.00 (178)	8.93 (227)
	254JM	20			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.10 (206)		0.53 (13)	8.25 (210)	9.55 (242)
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.10 (206)		0.53 (13)	10.00 (254)	
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.10 (206)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.10 (206)		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

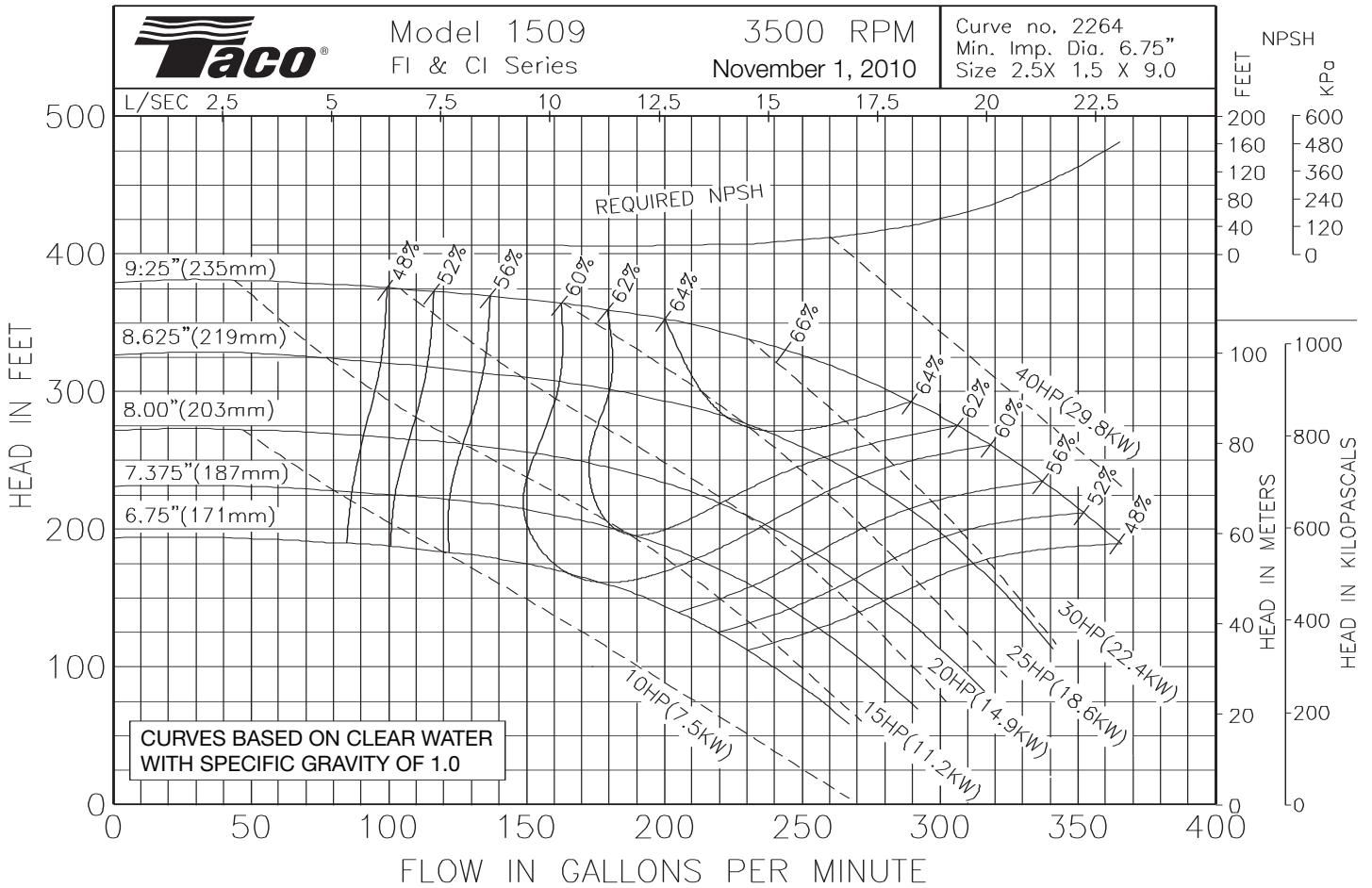
OPERATING SPECIFICATIONS

	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	338 (153)
254JM - 256JM	525 (238)
284JM - 286JM	638 (289)



Comments:

Do it Once. Do it Right.®

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Submittal Data Information CI Series Pumps

301-1370

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

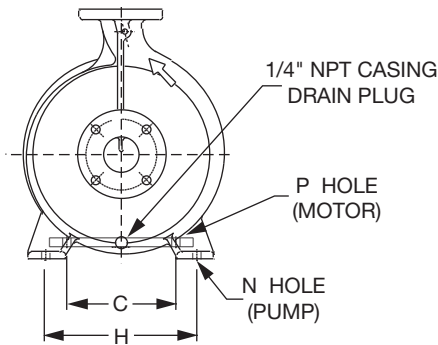
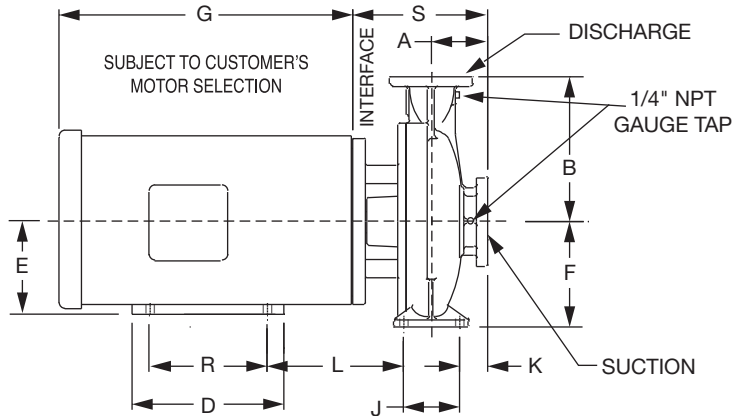
3500 RPM MODEL 2007

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2007 2 1/2 x 2 (64 x 51)	7.5	5.03 (128)	8.00 (203)	3.66 (93)	9.61 (244)
	10				
	15				
	20				
	25				
					10.70 (272)

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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 2 1/2 x 2 (64 x 51)	184JM	7.5	4.72 (120)	7.75 (197)	7.5 (191)	6.50 (165)	4.50 (114)	6.30 (160)	12.25 (311)	8.34 (212)	2.76 (70)	3.35 (85)	6.70 (170)	0.62 (16)	0.41 (10)	5.50 (140)	9.30 (236)
	213JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.70 (196)		0.41 (10)	5.50 (140)	
	215JM	15			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.70 (196)		0.41 (10)	7.00 (178)	
	254JM	20			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				9.29 (236)		0.53 (13)	8.25 (210)	
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				9.29 (236)		0.53 (13)	10.00 (254)	
																	10.39 (264)

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

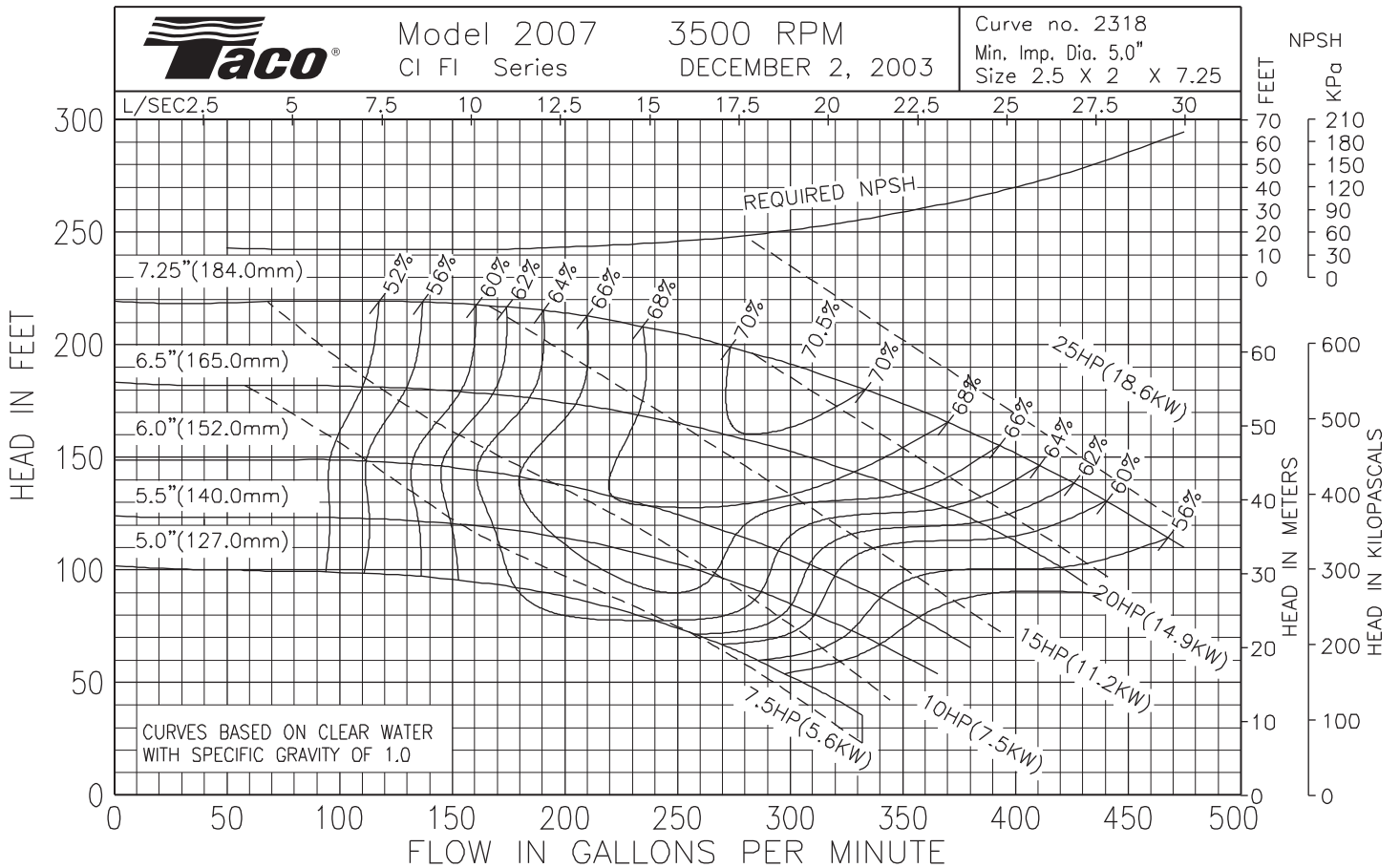
OPERATING SPECIFICATIONS

	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	177 (80)
213JM - 215JM	297 (135)
254JM - 256JM	477 (216)



Comments:

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Submittal Data Information CI Series Pumps

301-1373

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

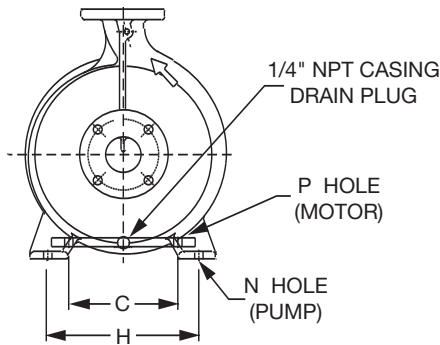
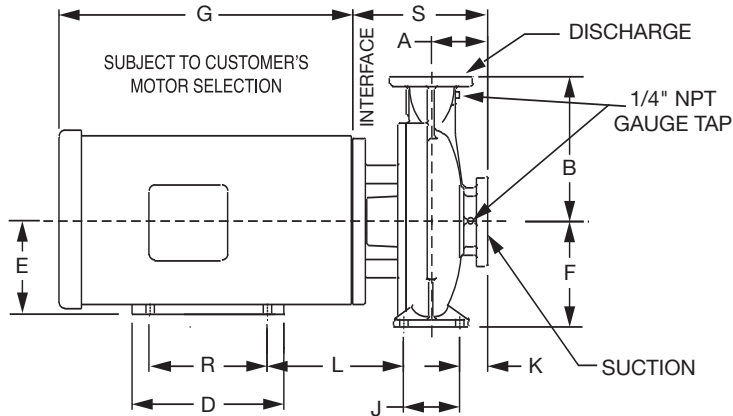
3500 RPM MODEL 2009

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2009 2 1/2 x 2 (64 x 51)	10	5.03 (128)	9.00 (229)	3.16 (80)	9.58 (243)
	15				10.20 (259)
	20				
	25				
	30				
	40				
50					

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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 2 1/2 x 2 (64 x 51)	184JM	10	4.72 (120)	8.75 (222)	7.5 (191)	6.50 (165)	4.50 (114)	7.09 (180)	12.25 (311)	9.84 (250)	3.75 (95)	2.85 (72)	6.17 (157)	0.62 (16)	0.41 (10)	5.50 (140)	9.27 (235)
	213JM	15			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				7.17 (182)		0.41 (10)	5.50 (140)	
	254JM	20			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.29 (211)		0.53 (13)	8.25 (210)	
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.29 (211)		0.53 (13)	10.00 (254)	
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.29 (211)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.29 (211)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.80 (224)		0.66 (17)	10.50 (267)	9.89 (251)

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

Do not use for construction purposes unless certified.

* 60 HP not available in TEFC.

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

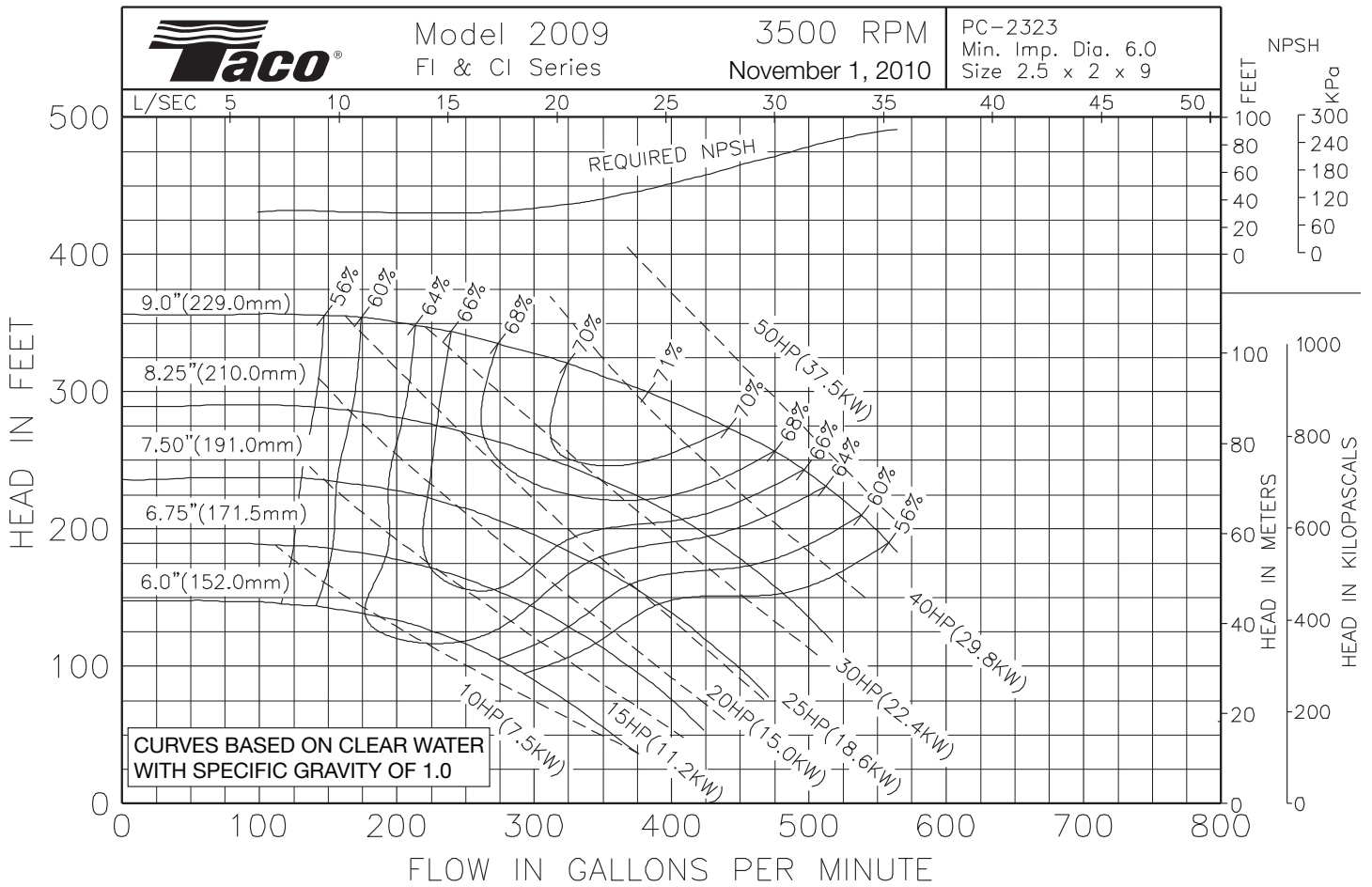
OPERATING SPECIFICATIONS

	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	215 (98)
213JM - 215JM	311 (141)
254JM - 256JM	485 (220)
284JM - 286JM	693 (314)
324JM - 326JM	803 (364)



Comments:

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Submittal Data Information CI Series Pumps

301-1305

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

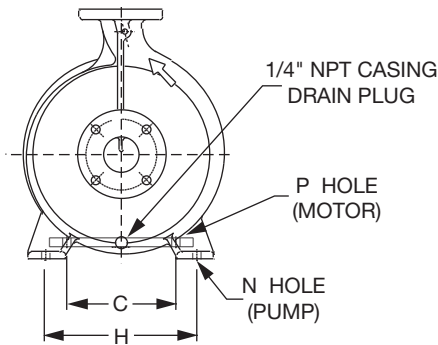
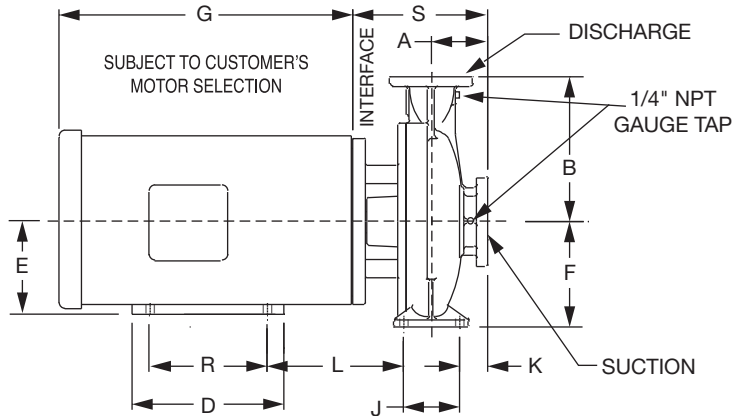
3500 RPM MODEL 2506

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
2506 3 x 2½ (76 x 64)	5	4.11 (104)	7.56 (192)	2.24 (57)	8.29 (211)
	7.5				
	10				
	15				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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 2½ (76 x 64)	182JM	5	3.74 (95)	7.25 (184)	7.5 (191)	6.50 (165)	4.50 (114)	6.30 (160)	12.25 (311)	8.34 (212)	3.74 (95)	1.87 (47)	5.81 (148)	0.63 (16)	0.41 (10)	4.5 (114)	7.92 (201)
	184JM	7.5			7.5 (191)	6.50 (165)	4.50 (114)		12.25 (311)				5.81 (148)		0.41 (10)	5.5 (140)	
	213JM	10			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.81 (173)		0.41 (10)	5.5 (140)	
	215JM	15*			8.5 (216)	8.00 (203)	5.25 (133)		13.94 (354)				6.81 (173)		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.

* 15 HP not available in TEFC.

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

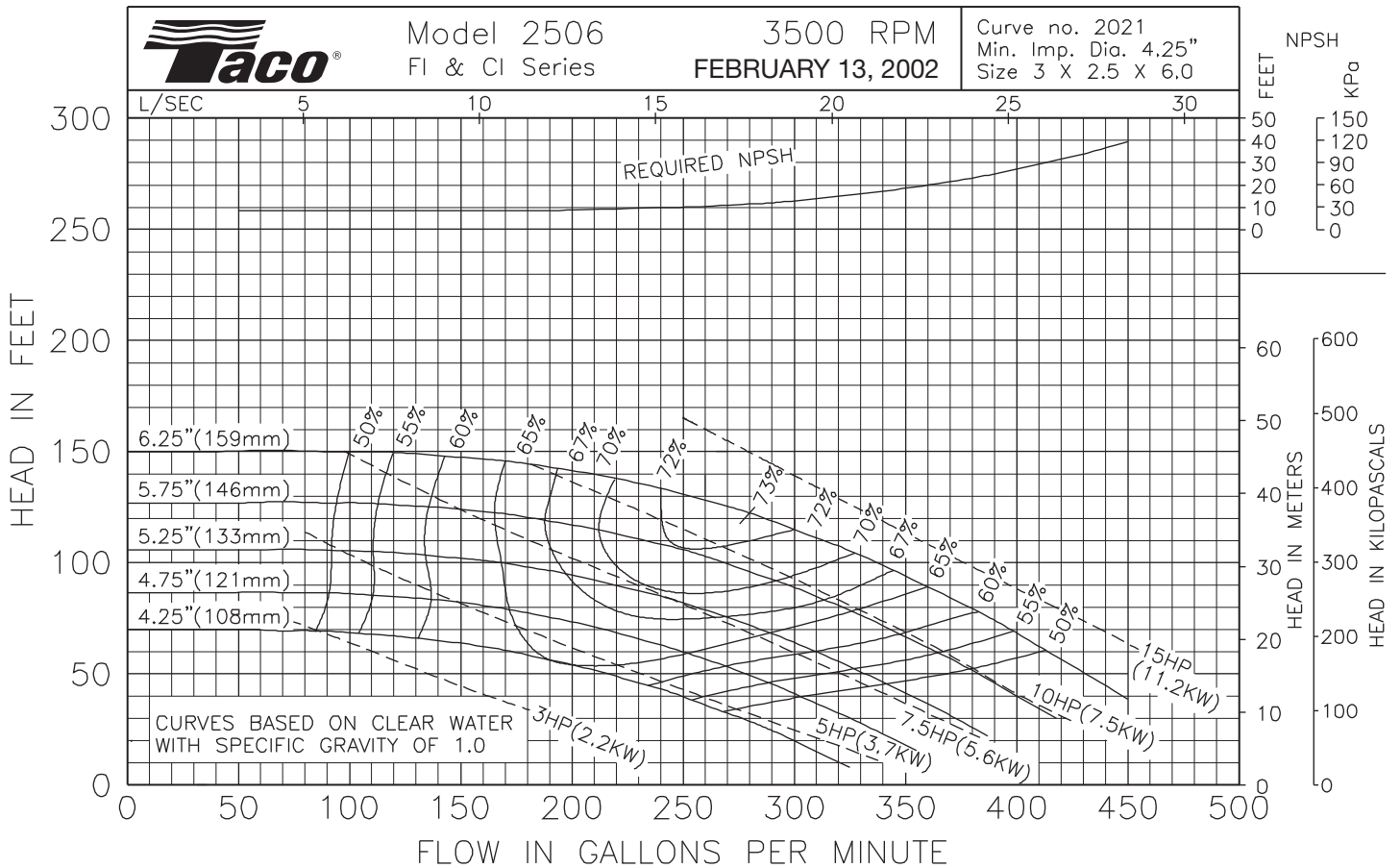
OPERATING SPECIFICATIONS

	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	189 (86)
213JM - 215JM	310 (141)



Comments:

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Submittal Data Information CI Series Pumps

301-1314

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

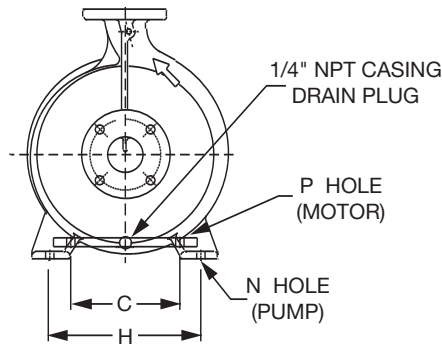
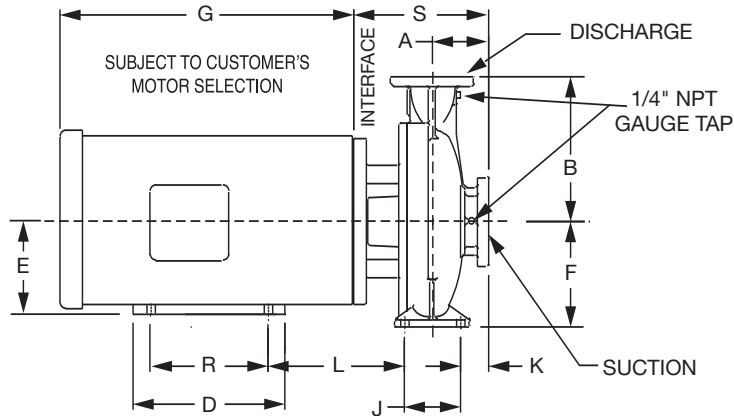
3500 RPM MODEL 2507

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 3500 (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)	15	5.09 (129)	8.14 (207)	3.22 (82)	9.33 (237)
	20				10.41 (264)
	25				
	30				
40					

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	215JM	15	4.72 (120)	7.83 (199)	8.5 (216)	8.00 (203)	5.25 (133)	7.09 (180)	13.94 (354)	9.84 (250)	3.74 (95)	2.85 (72)	6.87 (174)	0.63 (16)	0.41 (10)	7.00 (178)	8.96 (227)
	254JM	20			10.0 (254)	9.50 (241)	6.25 (159)		16.19 (411)				8.45 (215)		0.53 (13)	8.25 (210)	
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.45 (215)		0.53 (13)	10.00 (254)	
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.45 (215)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.45 (215)		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

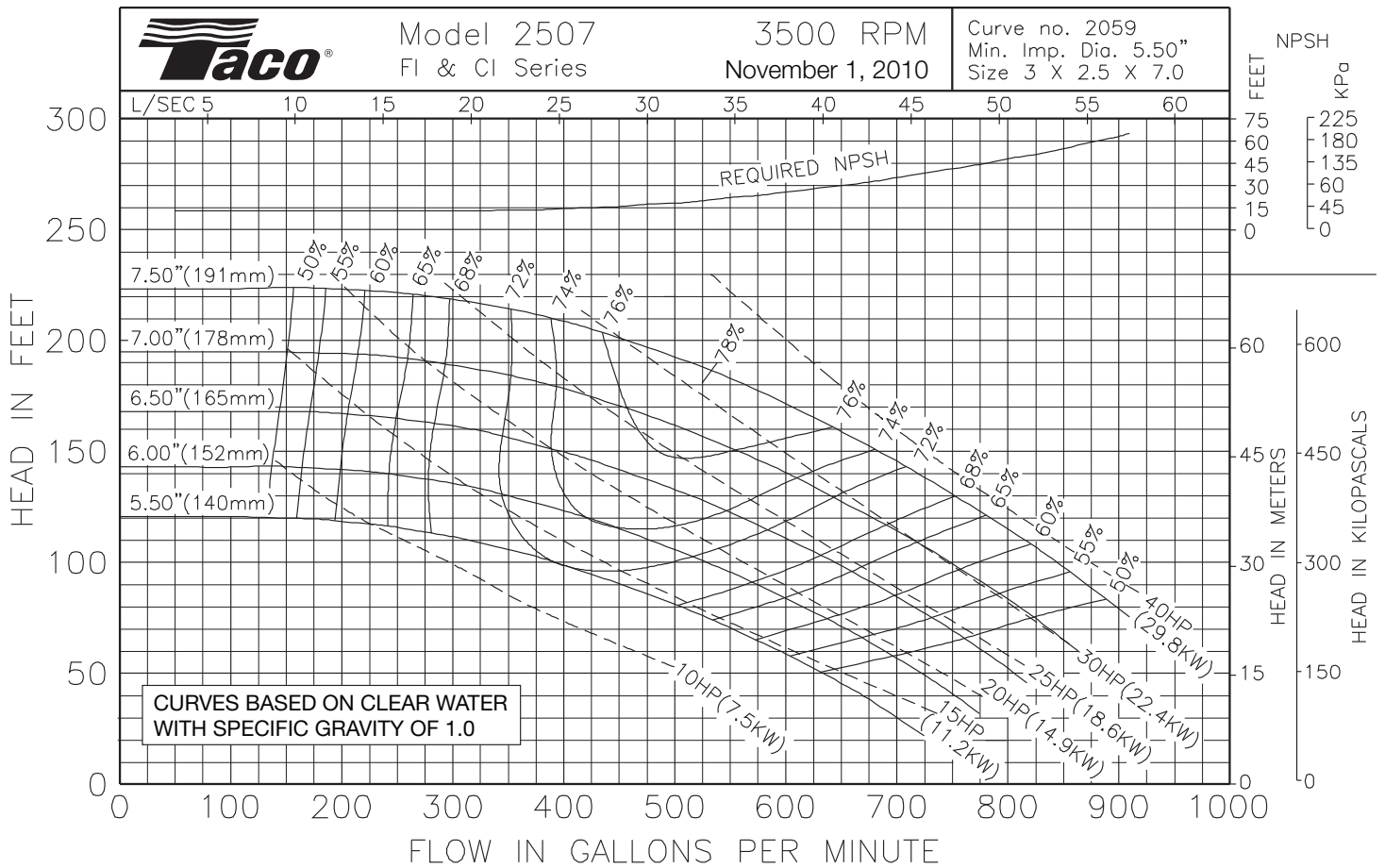
OPERATING SPECIFICATIONS

	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	306 (139)
254JM - 256JM	493 (224)
284JM - 286JM	607 (275)



Comments:

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Submittal Data Information CI Series Pumps

301-1367

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

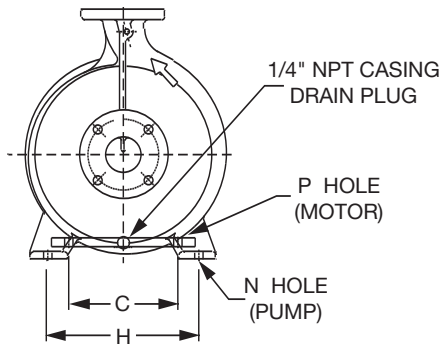
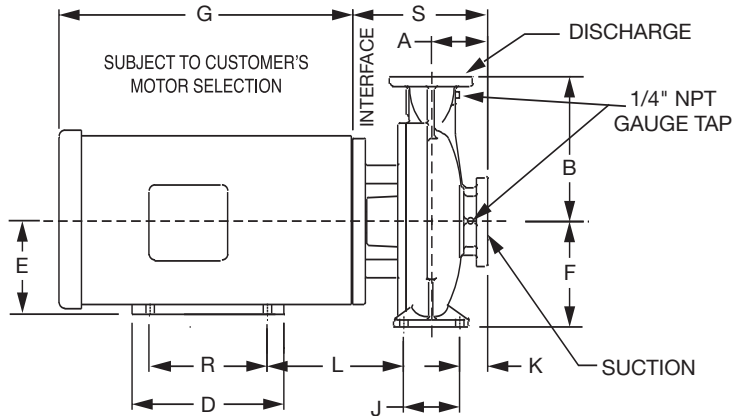
3500 RPM MODEL 2508

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 3500 (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)	30	5.09 (129)	8.56 (217)	3.22 (82)	10.11 (257)
	40				
	50				
	60*				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	284JM	30	4.72 (120)	8.25 (210)	11.0 (279)	10.75 (273)	7.00 (178)	7.09 (180)	19.81 (503)	9.84 (250)	3.75 (95)	2.85 (72)	8.14 (207)	0.62 (16)	0.53 (13)	9.50 (241)	9.74 (247)
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.14 (207)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.65 (220)		0.66 (17)	10.50 (267)	
	326JM	60*			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.65 (220)		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.

* Not available in TEFC.

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

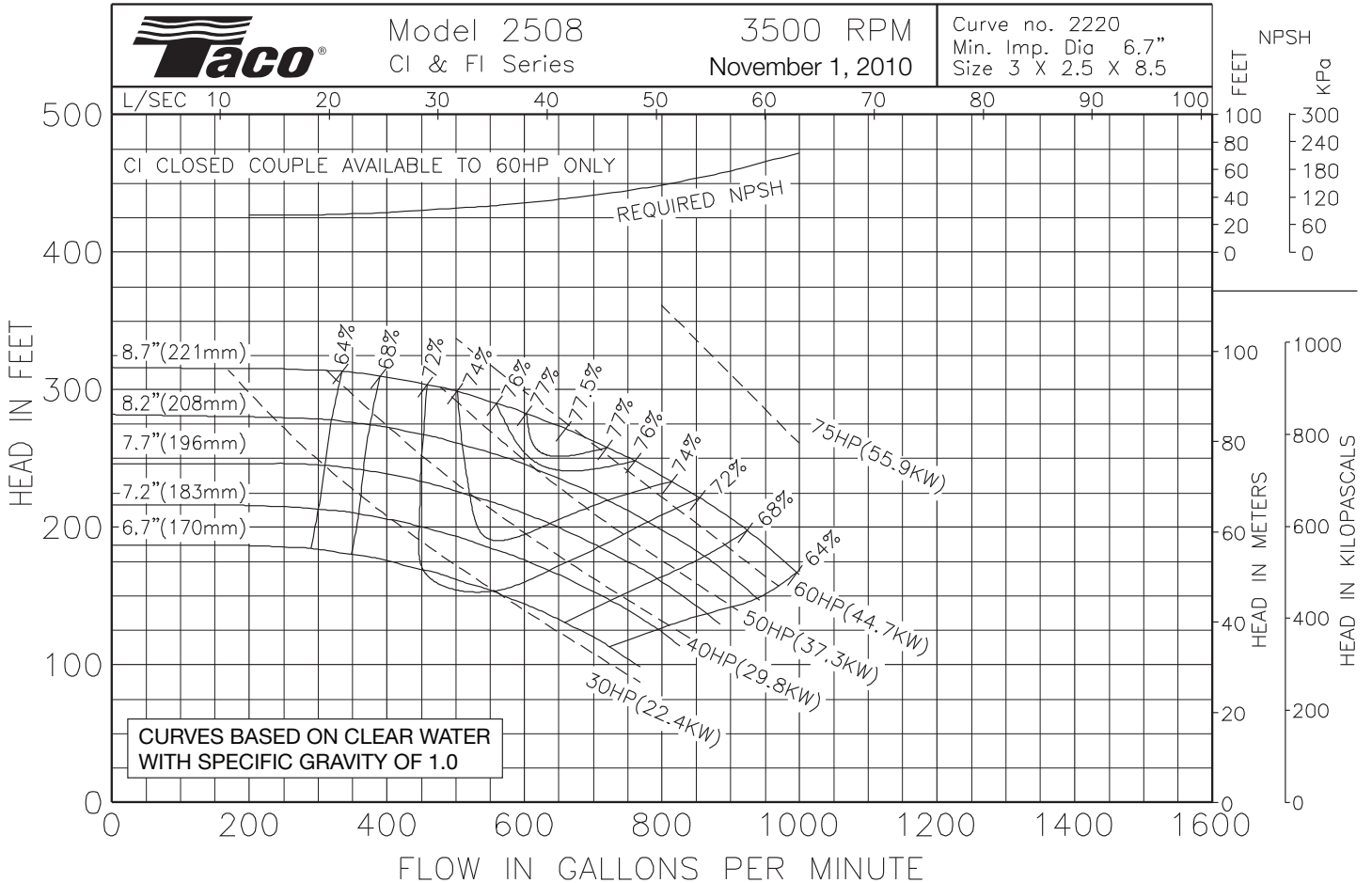
OPERATING SPECIFICATIONS

	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)
284JM - 286JM	639 (290)
324JM - 326JM	788 (357)



Comments:

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Submittal Data Information CI Series Pumps

301-1326

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

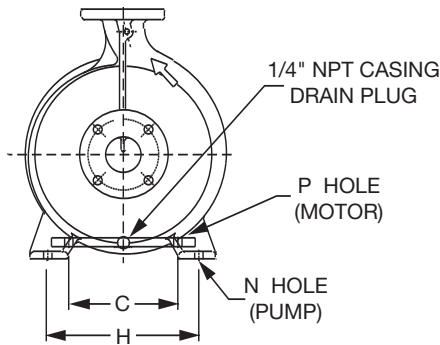
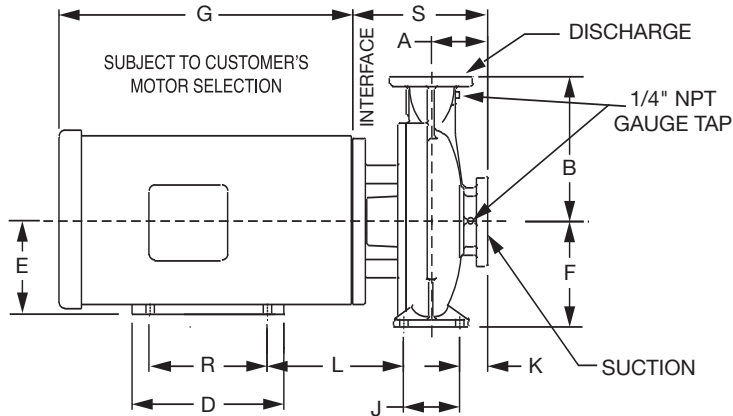
3500 RPM MODEL 2509

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 3500 (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)	20	5.09 (129)	9.31 (236)	3.21 (82)	10.01 (254)
	25				
	30				
	40				
	50				
60					

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	254JM	20	4.72 (120)	9.00 (229)	10.0 (254)	9.50 (241)	6.25 (159)	7.09 (180)	16.19 (411)	9.84 (250)	3.76 (96)	2.84 (72)	8.04 (204)	0.63 (16)	0.53 (13)	8.25 (210)	9.64 (244)
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.04 (204)		0.53 (13)	10.00 (254)	
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.04 (204)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.04 (204)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.54 (217)		0.66 (17)	10.50 (267)	
	326JM	60 *			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.54 (217)		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.

* 60 HP not available in TEFC.

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

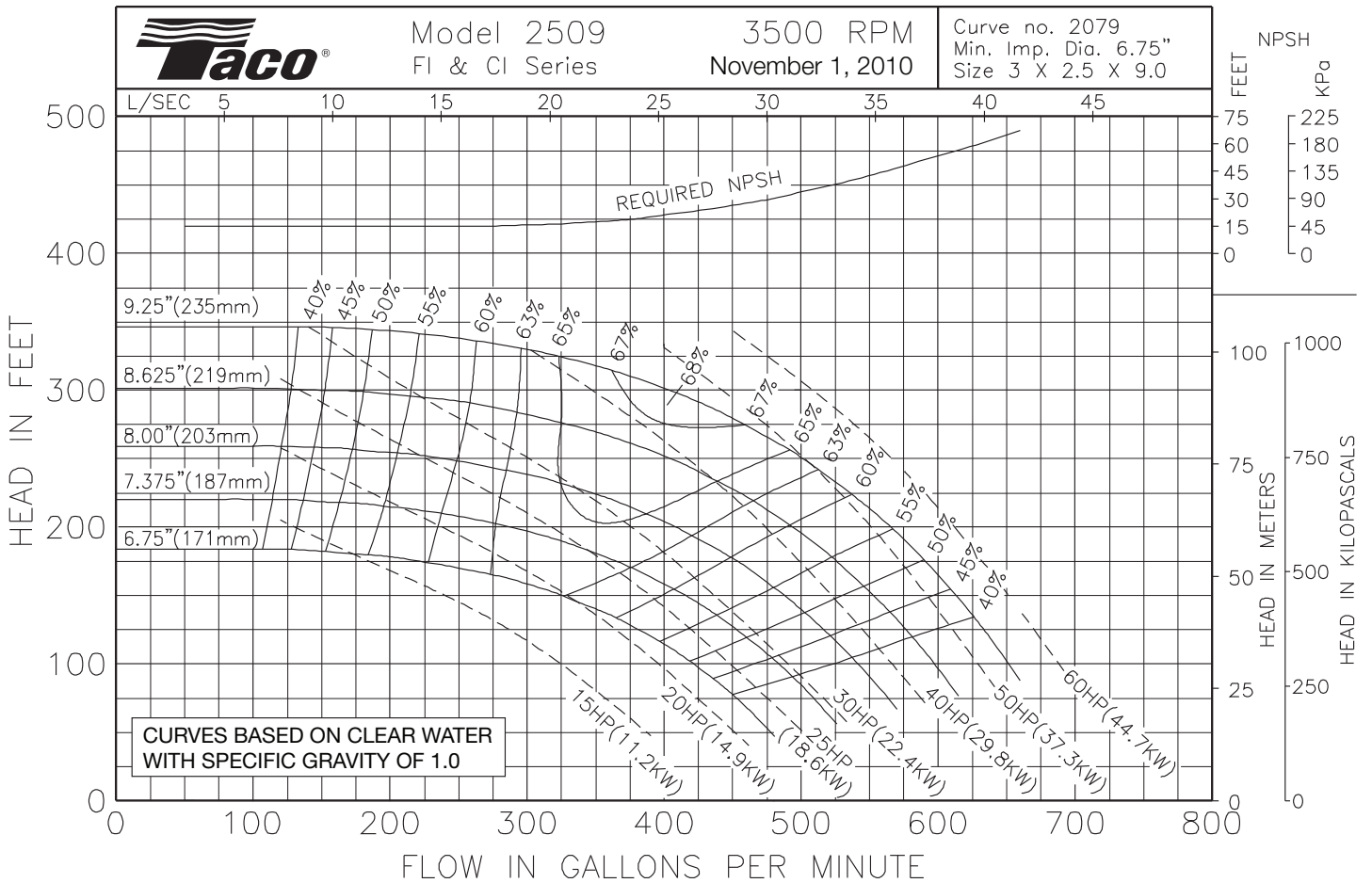
OPERATING SPECIFICATIONS

	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	534 (242)
284JM - 286JM	647 (293)
324JM - 326JM	798 (362)



Comments:

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Submittal Data Information CI Series Pumps

301-1317

EFFECTIVE: NOVEMBER 1, 2009

SUPERSEDES: JANUARY 31, 2004

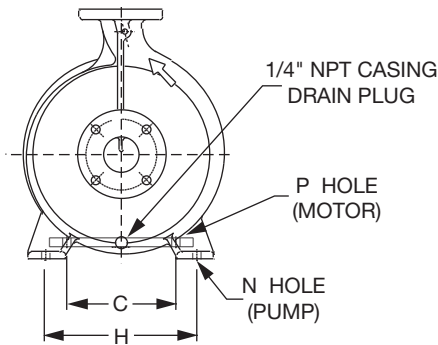
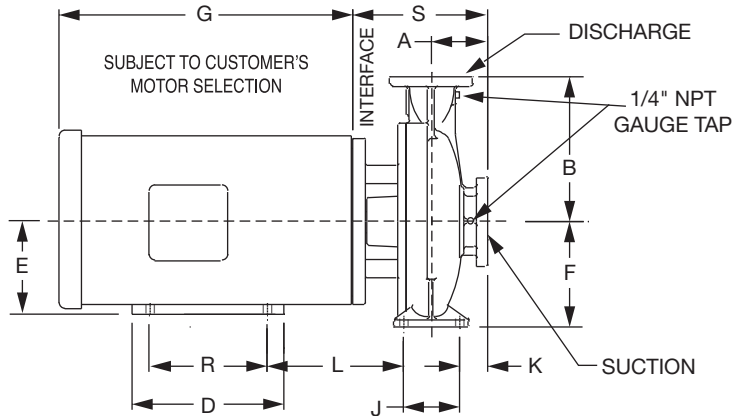
3500 RPM MODEL 3007

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3007 4 x 3 (102 x 76)	20	5.04 (128)	10.37 (263)	3.16 (80)	10.75 (273)
	25				
	30				
	40				
	50				
60					

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	254JM	20	4.72 (120)	10.00 (254)	10.0 (254)	9.50 (241)	6.25 (159)	7.09 (180)	16.19 (411)	9.84 (250)	3.76 (96)	2.84 (72)	8.83 (224)	0.63 (16)	0.53 (13)	8.25 (210)	10.43 (265)
	256JM	25			10.0 (254)	11.75 (298)	6.25 (159)		16.19 (411)				8.83 (224)		0.53 (13)	10.00 (254)	
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.83 (224)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.83 (224)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				9.33 (237)		0.66 (17)	10.50 (267)	
	326JM	60 *			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				9.33 (237)		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.

* 60 HP not available in TEFC.

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

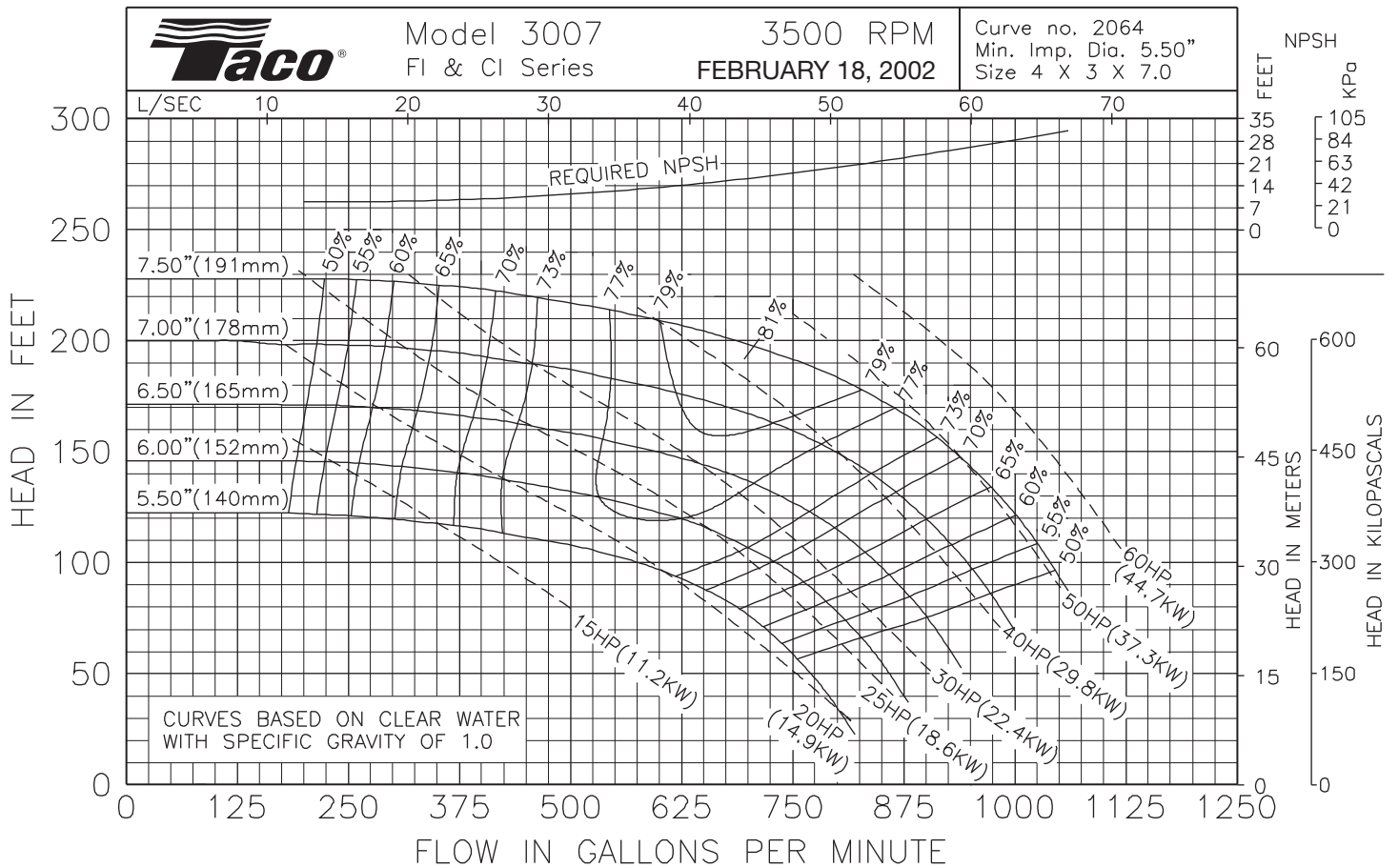
OPERATING SPECIFICATIONS

	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	524 (238)
284JM - 286JM	638 (289)
324JM - 326JM	789 (358)



Comments:

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Submittal Data Information CI Series Pumps

301-1329

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

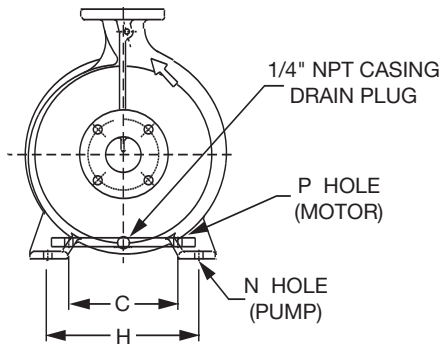
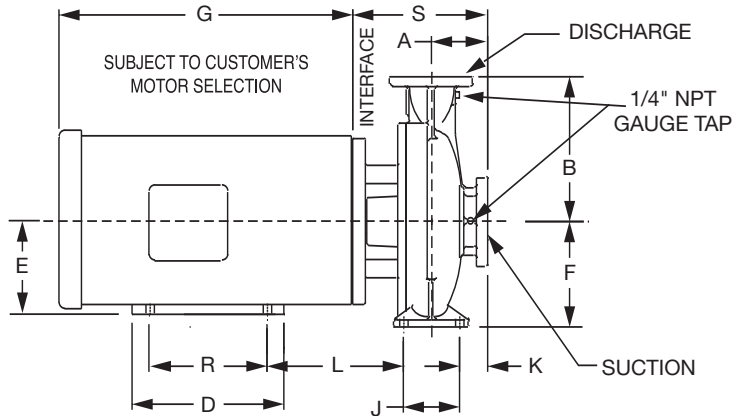
3500 RPM MODEL 3009

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
3009 4 x 3 (102 x 76)	30	5.04 (128)	10.37 (263)	3.16 (80)	10.07 (256)
	40				
	50				
	60				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	284JM	30	4.73 (120)	10.00 (254)	11.0 (279)	10.75 (273)	7.00 (178)	7.09 (180)	19.81 (503)	9.84 (250)	3.76 (96)	2.85 (72)	8.15 (207)	0.63 (16)	0.53 (13)	9.5 (241)	9.76 (248)
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.15 (207)		0.53 (13)	11.0 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				8.65 (220)		0.66 (17)	10.5 (267)	
	326JM	60*			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				8.65 (220)		0.66 (17)	12.0 (305)	

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

Do not use for construction purposes unless certified.

* 60 HP not available in TEFC.

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

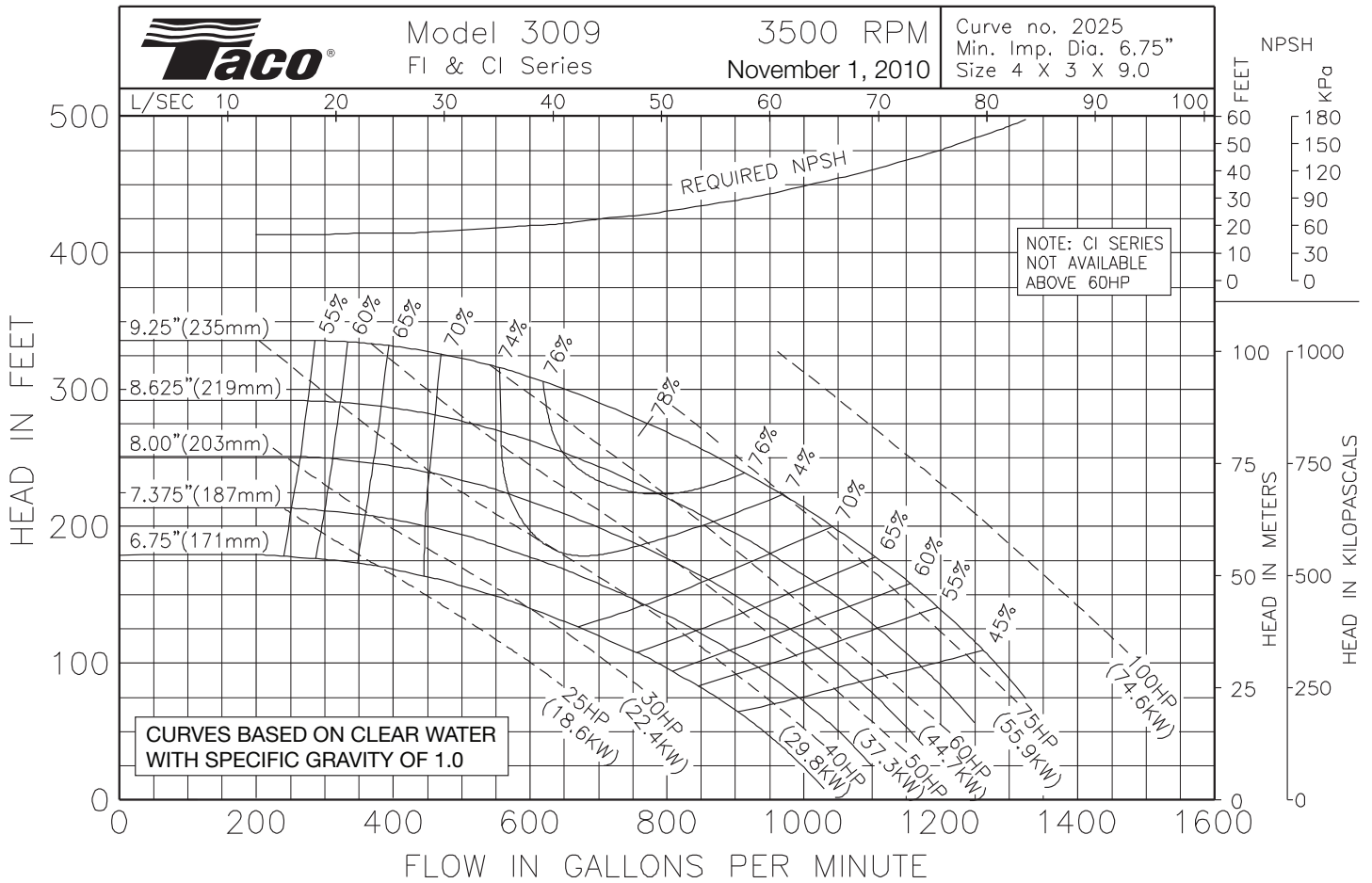
OPERATING SPECIFICATIONS

	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)
284JM - 286JM	650 (295)
324JM - 326JM	801 (363)



Comments:

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Submittal Data Information CI Series Pumps

301-1320

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

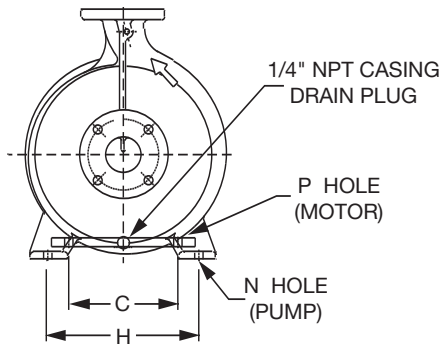
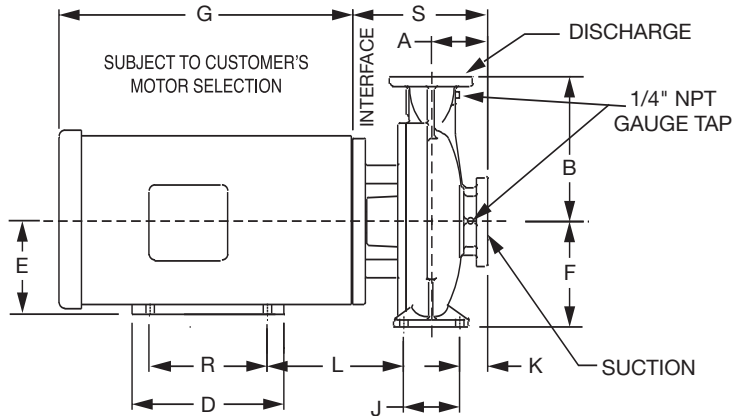
3500 RPM MODEL 4007

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4007 5 x 4 (127 x 102)	25	6.00 (152)	10.81 (275)	3.64 (92)	12.05 (306)
	30				
	40				
	50				
	60				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	256JM	25	5.56 (141)	10.50 (267)	10.0 (254)	11.75 (298)	6.25 (159)	7.88 (200)	16.19 (411)	11.01 (280)	4.72 (120)	3.20 (81)	8.69 (221)	0.75 (19)	0.53 (13)	10.00 (254)	11.61 (295)
	284JM	30			11.0 (279)	10.75 (273)	7.00 (178)		19.81 (503)				8.69 (221)		0.53 (13)	9.50 (241)	
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				8.69 (221)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				9.19 (234)		0.66 (17)	10.50 (267)	
	326JM	60*			12.5 (318)	13.50 (343)	8.00 (203)		23.44 (595)				9.19 (234)		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.

* 60 HP not available in TEFC.

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

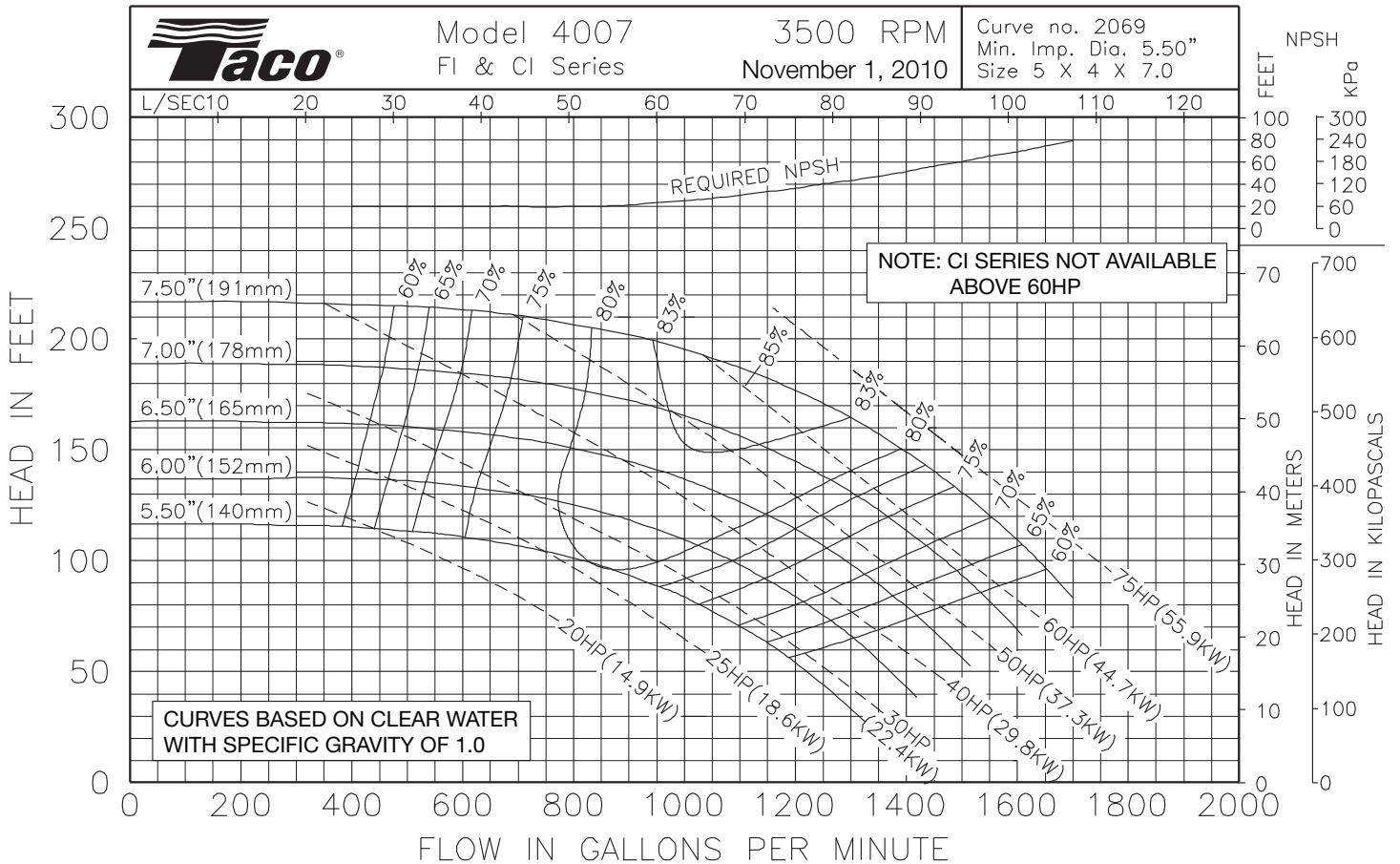
OPERATING SPECIFICATIONS

	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	558 (253)
284JM - 286JM	672 (305)
324JM - 326JM	823 (373)



Comments:

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Submittal Data Information CI Series Pumps

301-1363

EFFECTIVE: NOVEMBER 1, 2010

SUPERSEDES: NOVEMBER 1, 2009

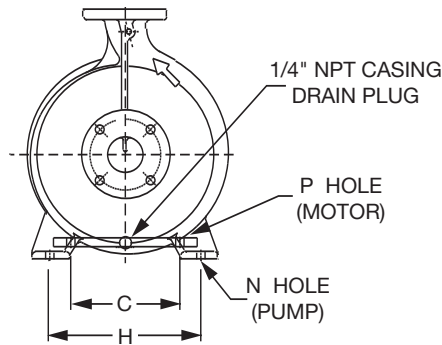
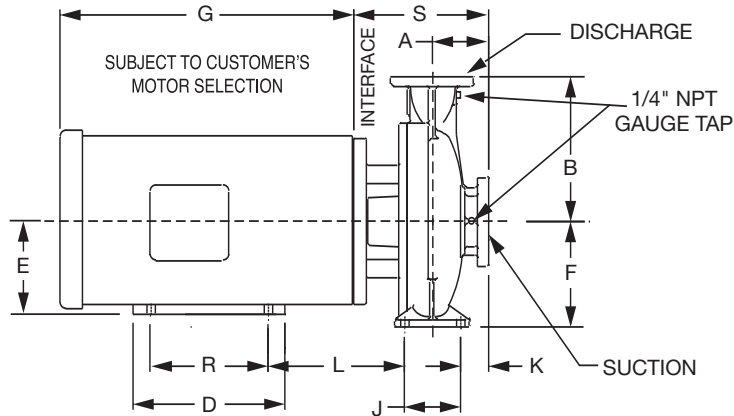
3500 RPM MODEL 4075

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 3500 (RPM)	A ANSI Class 250	B ANSI Class 250	K ANSI Class 250	S ANSI Class 250
4075 5 x 4 (127 x 102)	30	5.16 (131)	11.12 (282)	3.28 (83)	11.27 (286)
	40				
	50				
	60*				

DIMENSIONS

50 Cycle Performance Curves attached when applicable.

Model No. Flange Size (Suction x Discharge)	Motor Frame	HP 3500 (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)	284JM	30	4.72 (120)	10.81 (275)	11.0 (279)	10.75 (273)	7.00 (178)	7.09 (180)	19.81 (503)	9.84 (250)	3.75 (95)	2.84 (72)	9.24 (235)	0.62 (16)	0.53 (13)	9.50 (241)	10.83 (275)
	286JM	40			11.0 (279)	12.25 (311)	7.00 (178)		19.81 (503)				9.24 (235)		0.53 (13)	11.00 (279)	
	324JM	50			12.5 (318)	12.00 (305)	8.00 (203)		23.44 (595)				9.74 (247)		0.66 (17)	10.50 (267)	
	326JM	60*			12.5 (318)	13.50 (343)	8.00 (203)	23.44 (595)	9.74 (247)				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.

* Not available in TEFC.

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

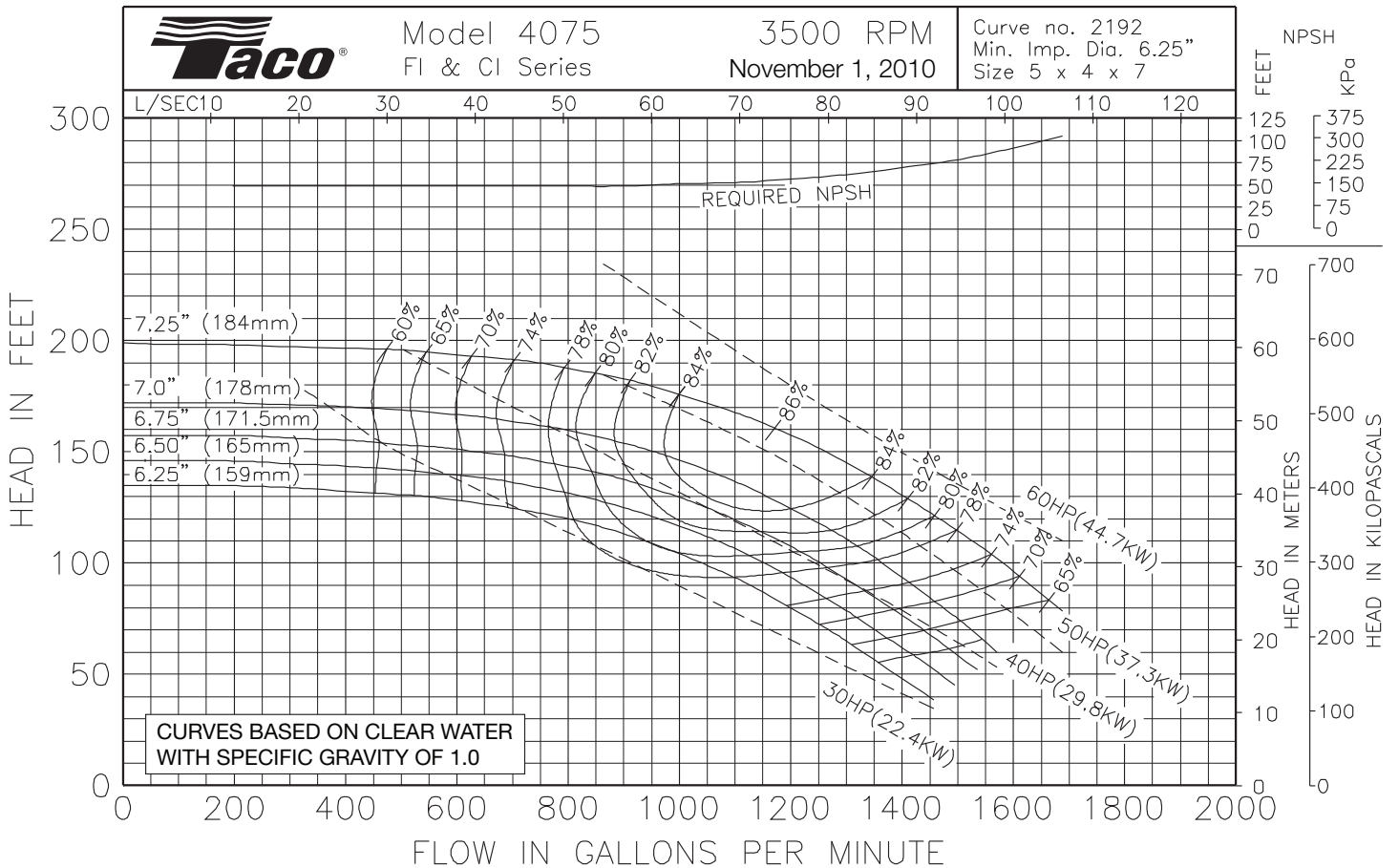
OPERATING SPECIFICATIONS

	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)
284JM - 286JM	649 (294)
324JM - 326JM	899 (408)



Comments:

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