



Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1094

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

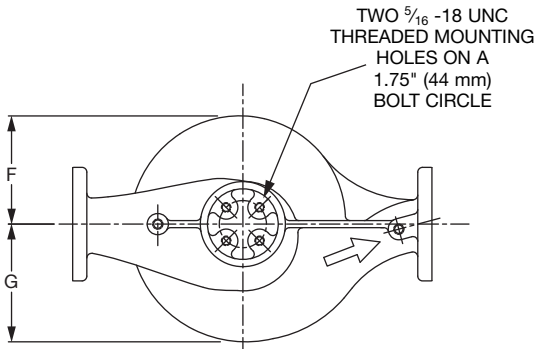
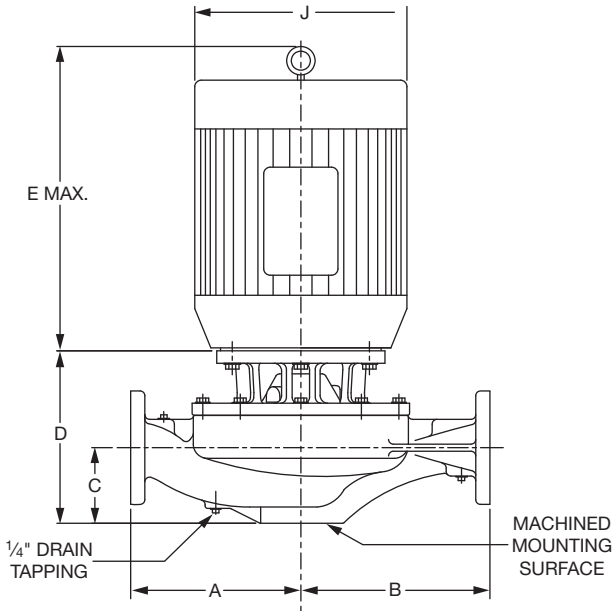
1760 RPM MODEL 1506

JOB _____ ENGINEER _____

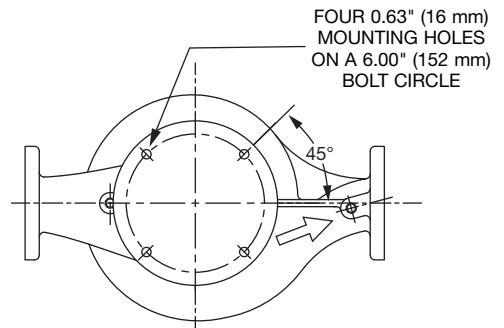
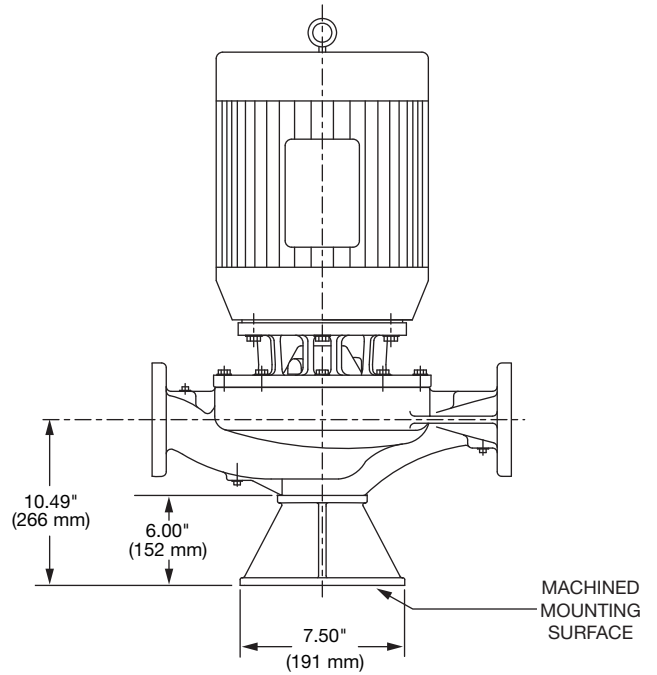
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
1506	1.5 x 1.5 (38 x 38)	143JM	1	1.5 (38)	7.50 (191) if ANSI Class 125	7.50 (191) if ANSI Class 125	4.49 (114)	8.65 (220)	12.06 (306)	4.13 (105)	4.63 (118)	0.25 (6)	6.62 (168)
		145JM	1.5					8.65 (220)	13.43 (341)				6.62 (168)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

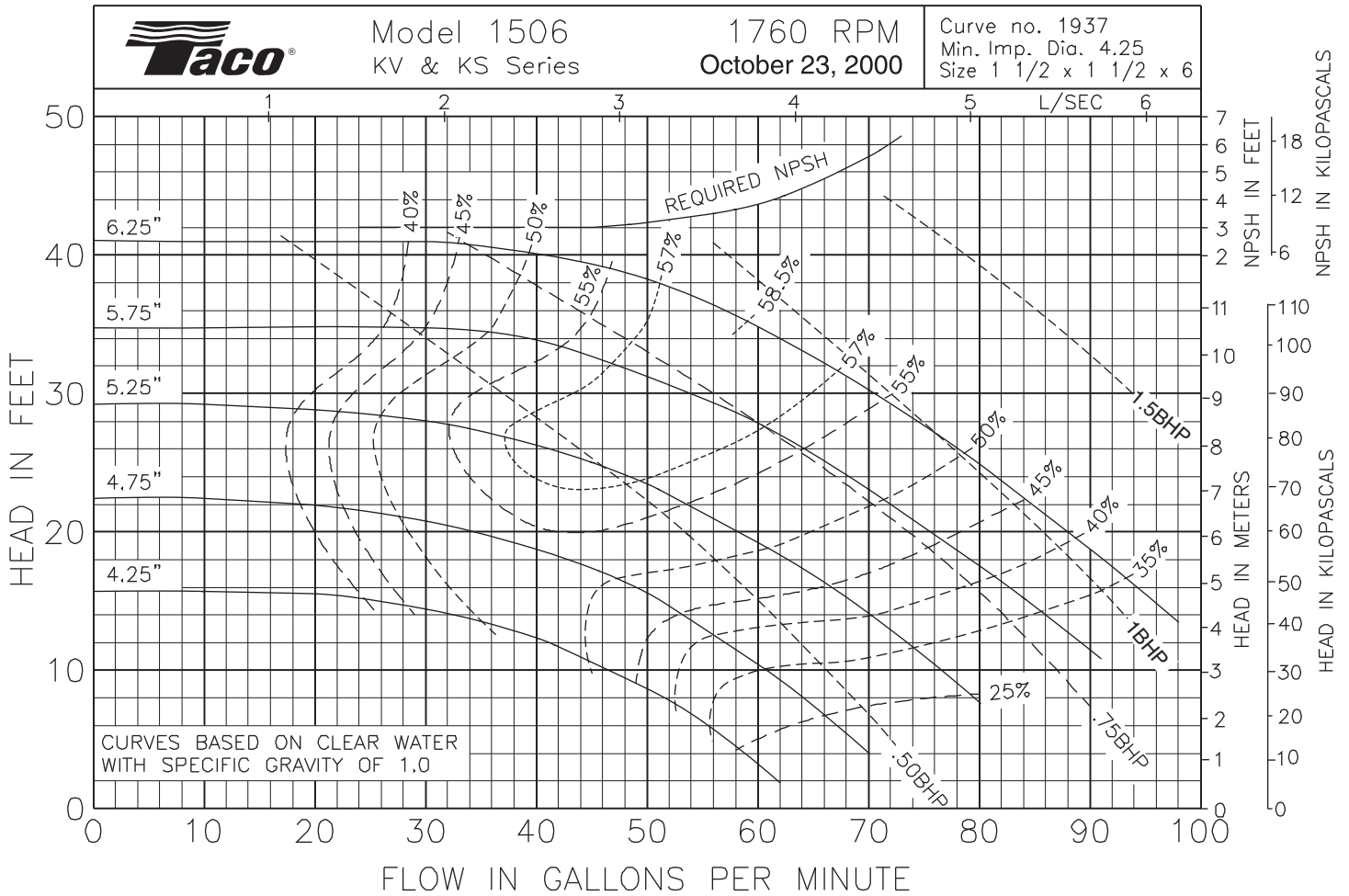
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	100 (45)	110 (50)



Comments:

Do it Once. Do it Right.®

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1097

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

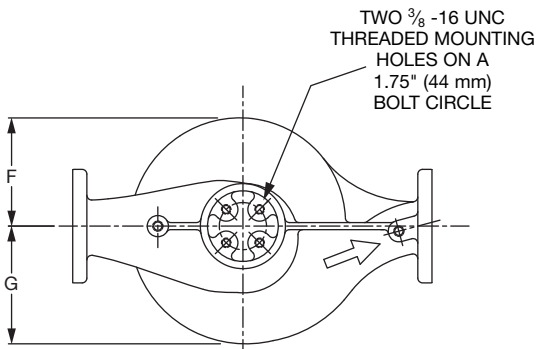
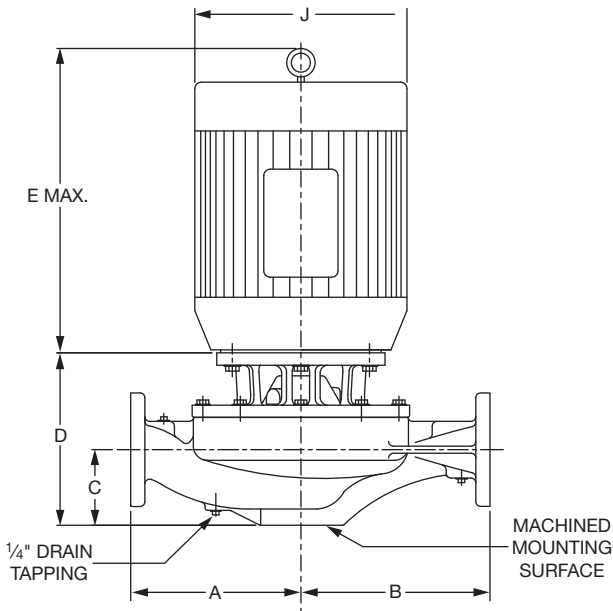
1760 RPM MODEL 1507

JOB _____ ENGINEER _____

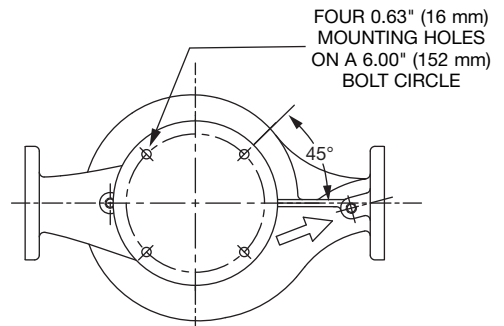
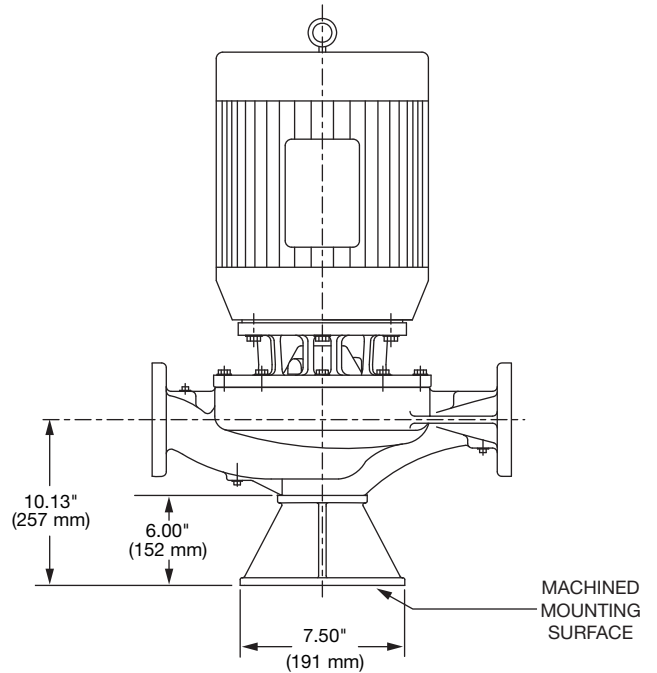
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA			
1507	1.5 x 1.5 (38 x 38)	143JM	1	1.5 (38)	8.00 (203) if ANSI Class 125	8.00 (203) if ANSI Class 125	4.13 (105)	8.42 (214)	12.06 (306)	4.88 (124)	5.16 (131)	0.25 (6)	6.62 (168)			
		145JM	1.5					8.42 (214)	13.43 (341)				6.62 (168)			
			2					8.42 (214)	13.43 (341)				6.62 (168)			
									8.31 (211) if ANSI Class 250				8.31 (211) if ANSI Class 250			

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

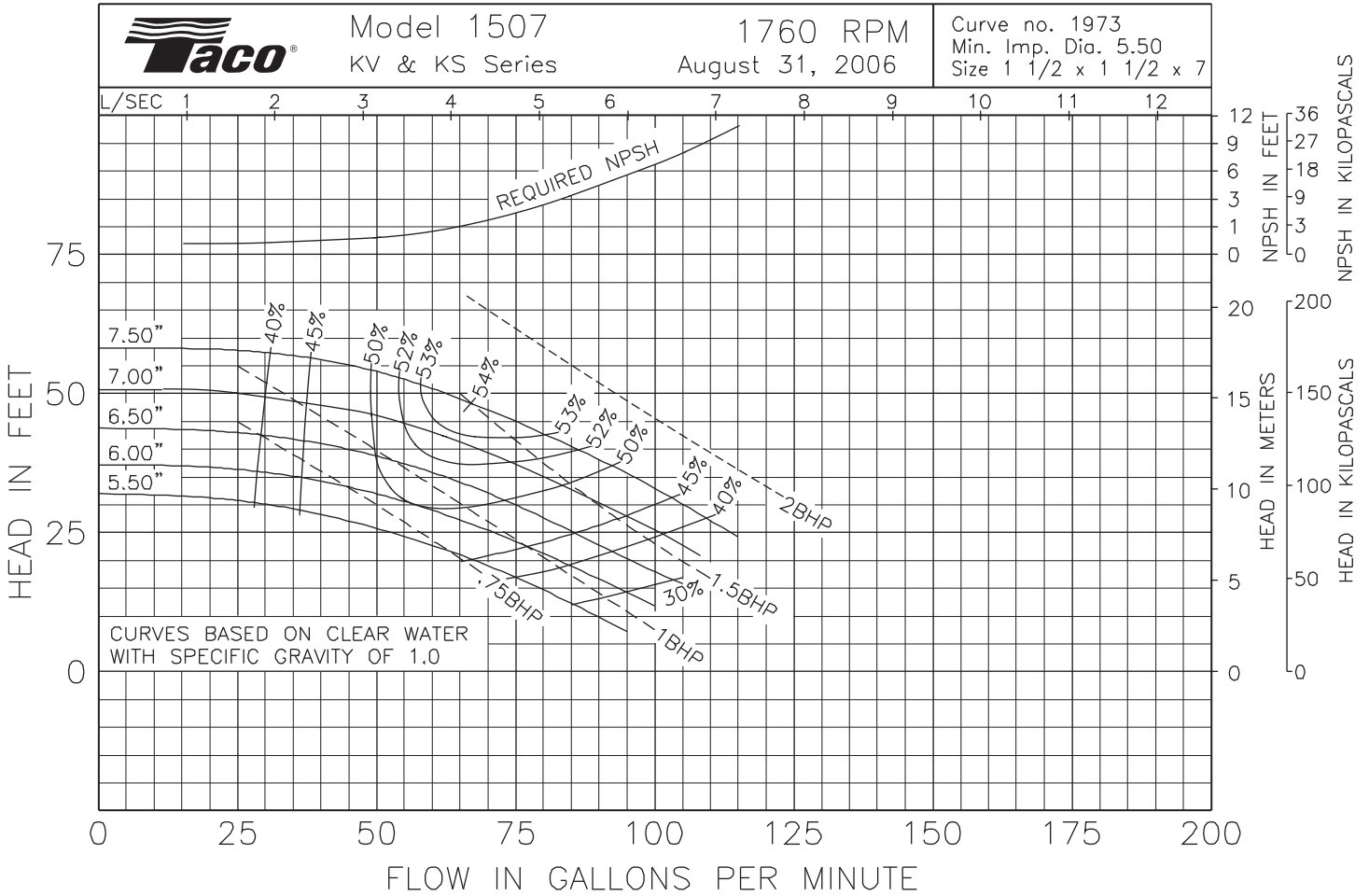
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	115 (52)	125 (57)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1119

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

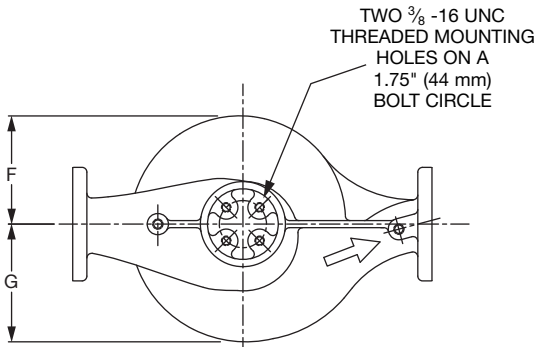
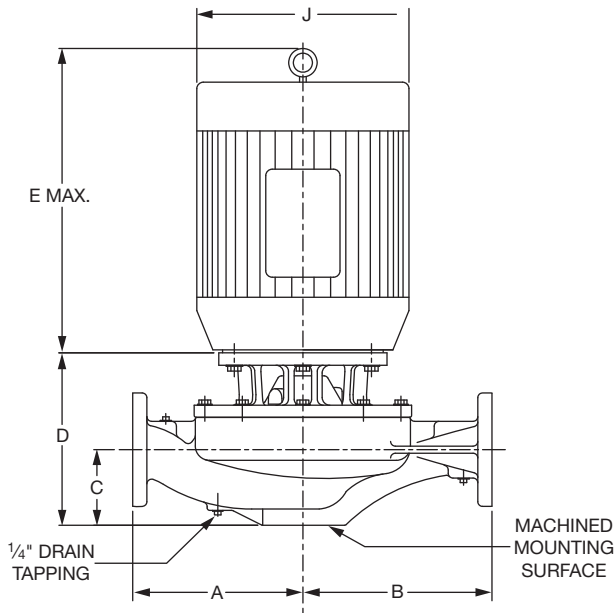
1760 RPM MODEL 1509

JOB _____ ENGINEER _____

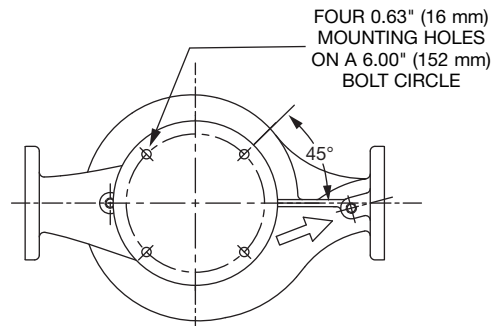
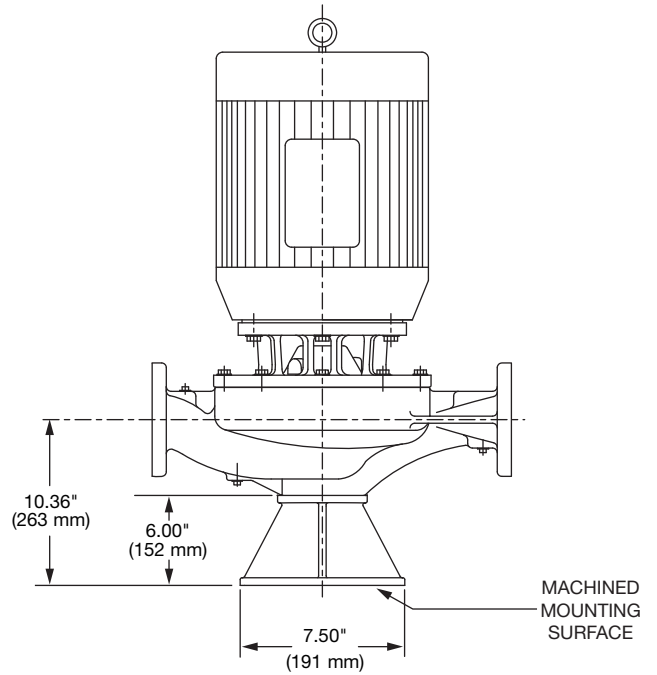
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA								
1509	1 1/2 x 1 1/2 (38 x 38)	145JM	1.5	1.5 (38)	8.00 (203) if ANSI Class 125	8.00 (203) if ANSI Class 125	4.36 (111)	9.19 (233)	13.43 (341)	5.72 (145)	6.22 (158)	0.25 (6)	6.62 (168)								
			2					9.19 (233)	13.43 (341)				6.62 (168)								
		182JM	3					9.19 (233)	13.94 (354)				7.88 (200)								
			5					9.19 (233)	15.58 (396)				7.88 (200)								

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

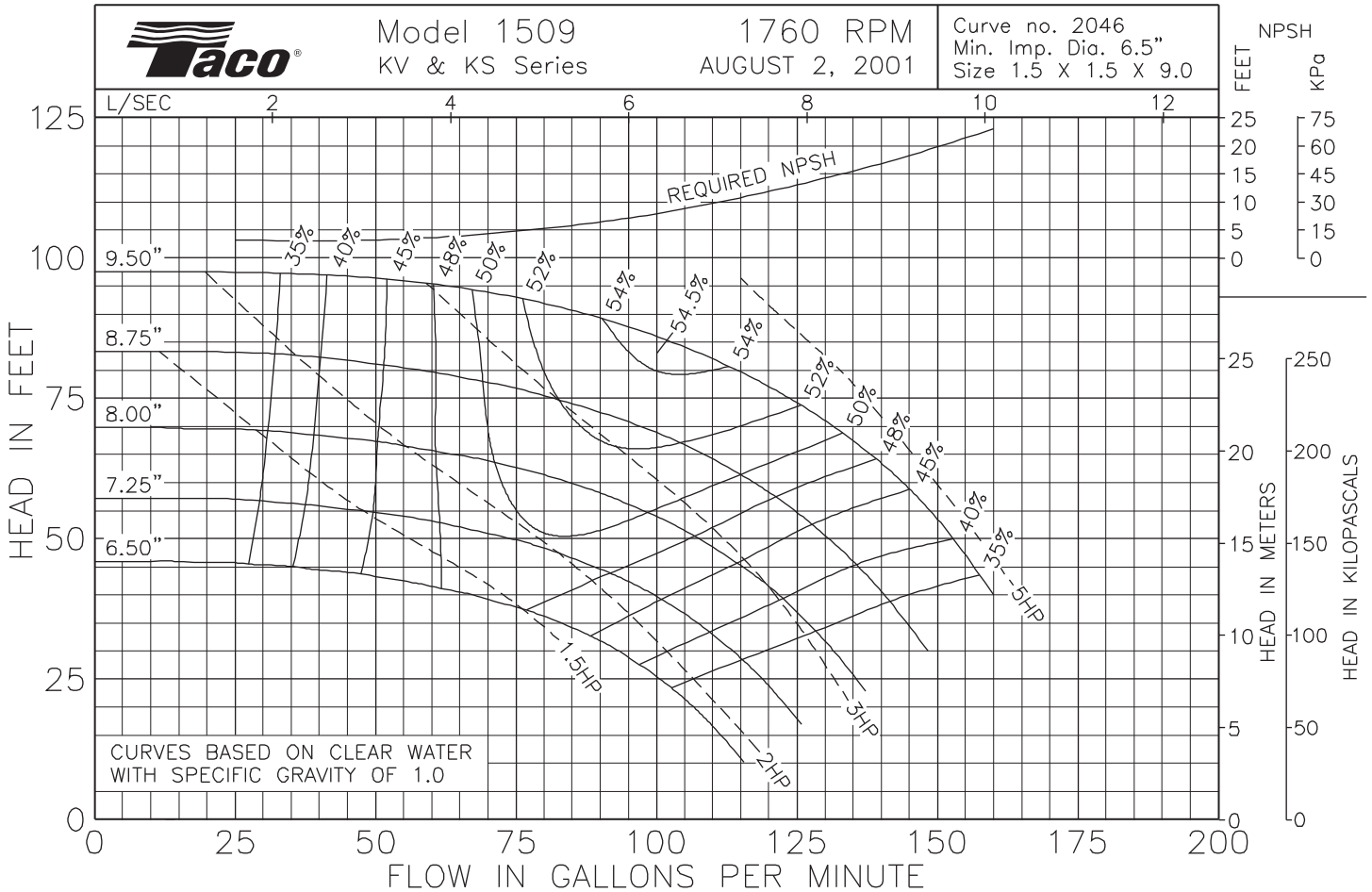
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	150 (68)	160 (73)
182JM - 184JM	190 (86)	200 (91)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1095

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

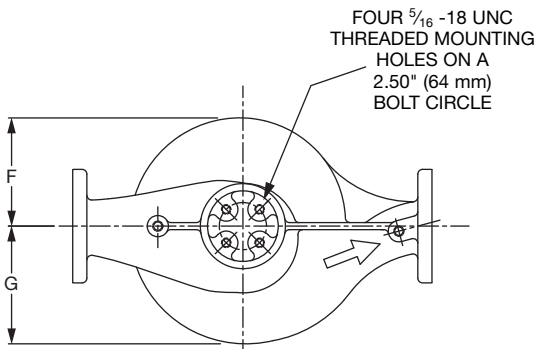
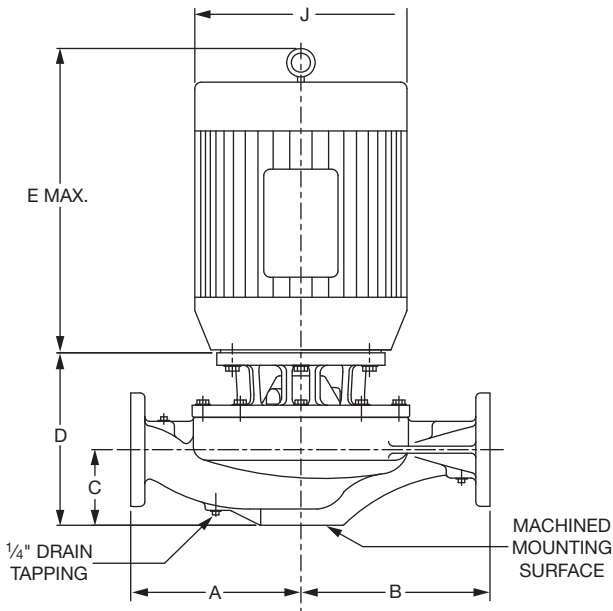
1760 RPM MODEL 2006

JOB _____ ENGINEER _____

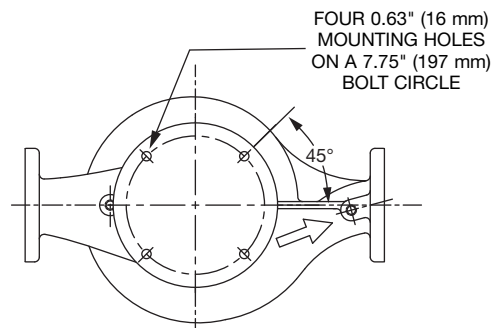
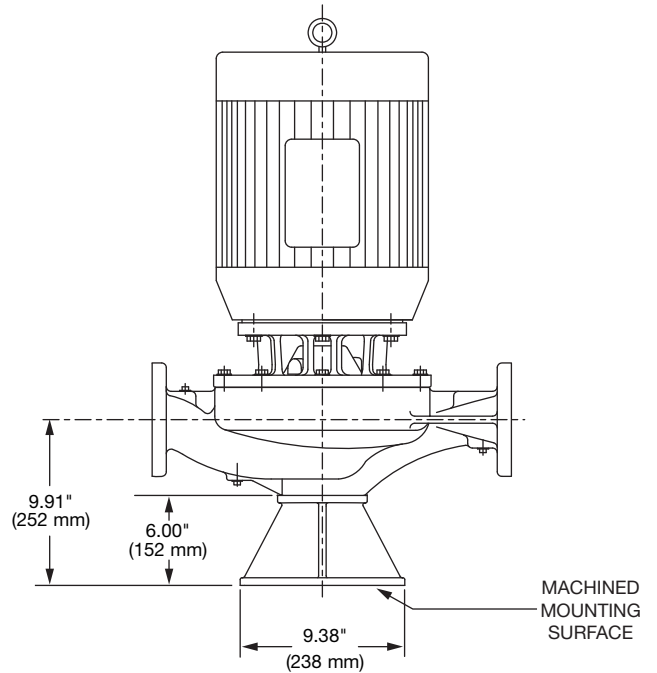
CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA		
2006	2 x 2 (51 x 51)	143JM	1	2 (51)	7.50 (191) if ANSI Class 125	8.00 (203) if ANSI Class 125	3.91	8.11 (206)	12.06 (306)	4.41	5.14	0.25	6.62 (168)		
		145JM	1.5					8.11 (206)	13.43 (341)						
					7.75 (197) if ANSI Class 250	8.25 (210) if ANSI Class 250	(99)			(112)	(131)	(6)			

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

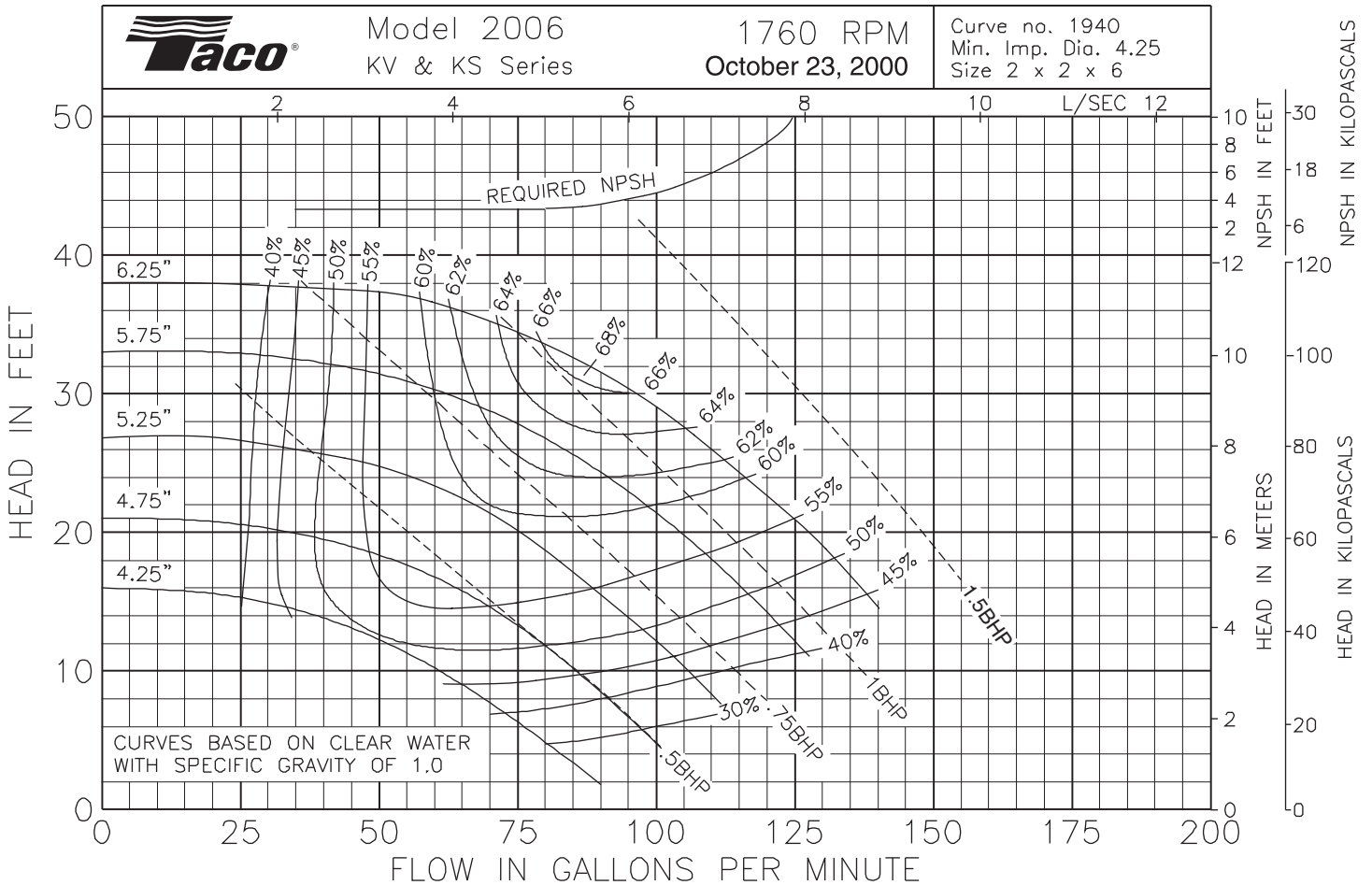
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	115 (52)	134 (61)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1098

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

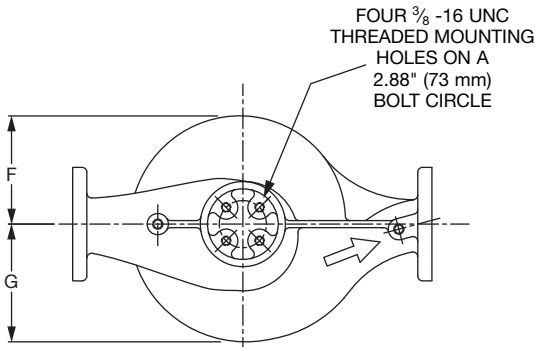
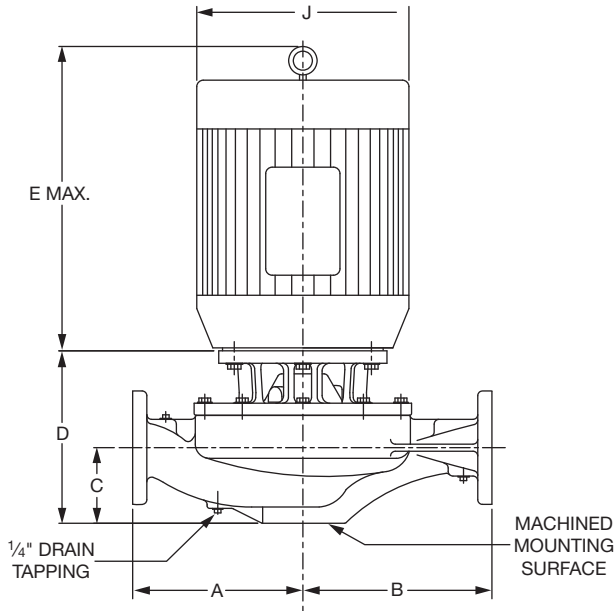
1760 RPM MODEL 2007

JOB _____ ENGINEER _____

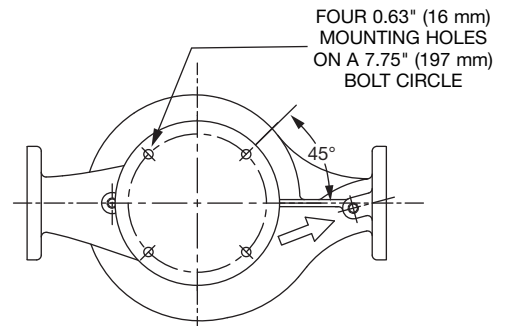
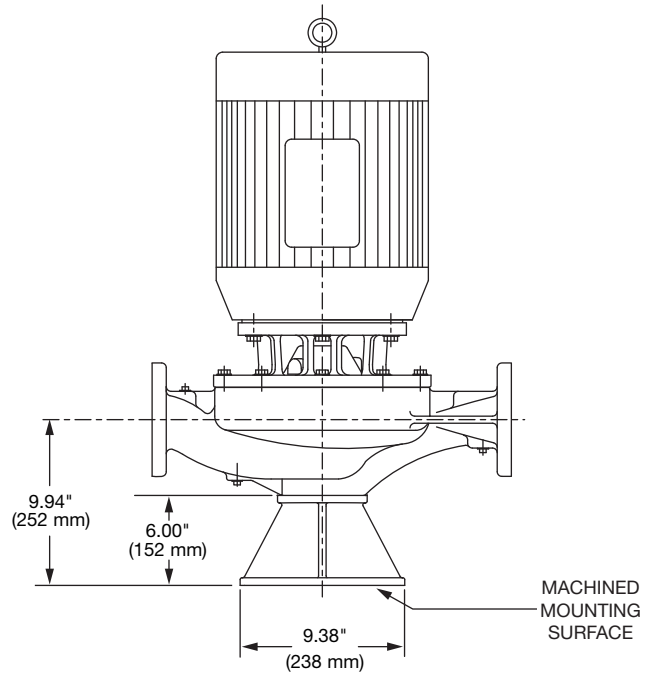
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2007	2 x 2 (51 x 51)	143JM	1	2 (51)	8.50 (216) if ANSI Class 125	8.50 (216) if ANSI Class 125	3.94 (100)	8.27 (210)	12.06 (306)	4.88 (124)	5.45 (138)	0.25 (6)	6.62 (168)
		145JM	1.5					8.27 (210)	13.43 (341)				6.62 (168)
			2					8.27 (210)	13.43 (341)				6.62 (168)
			3					8.27 (210)	13.94 (354)				7.88 (200)
		182JM	3					8.76 (223) if ANSI Class 250	8.76 (223) if ANSI Class 250				

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

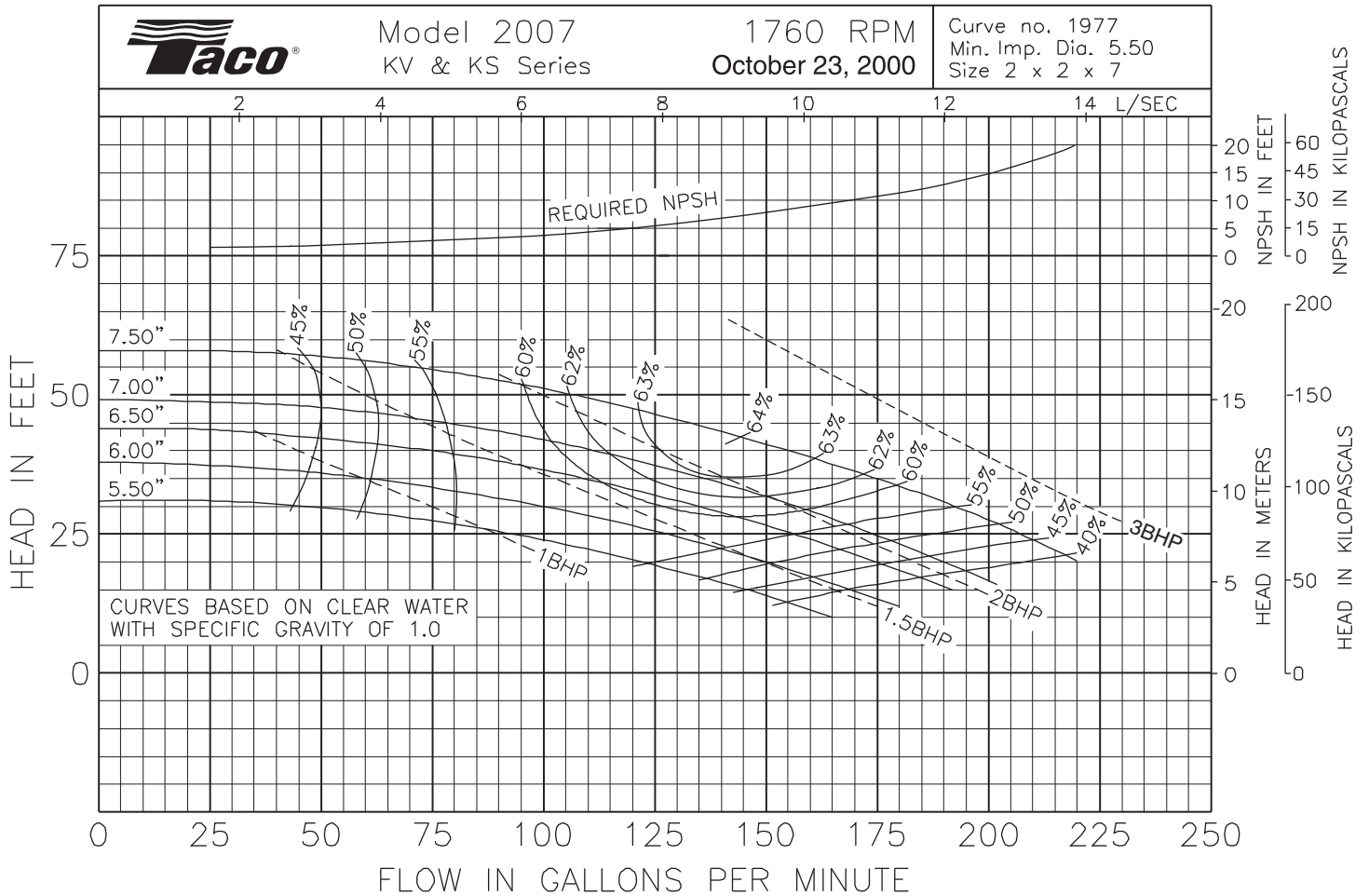
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	126 (57)	145 (66)
182JM - 184JM	131 (59)	150 (68)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1102

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

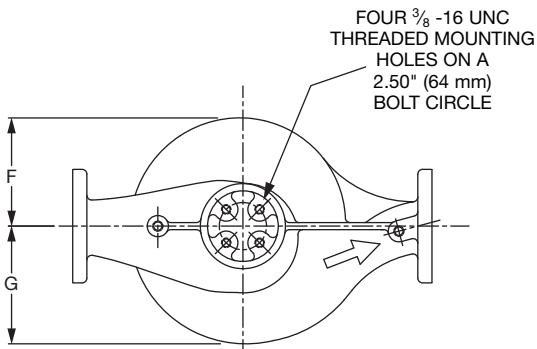
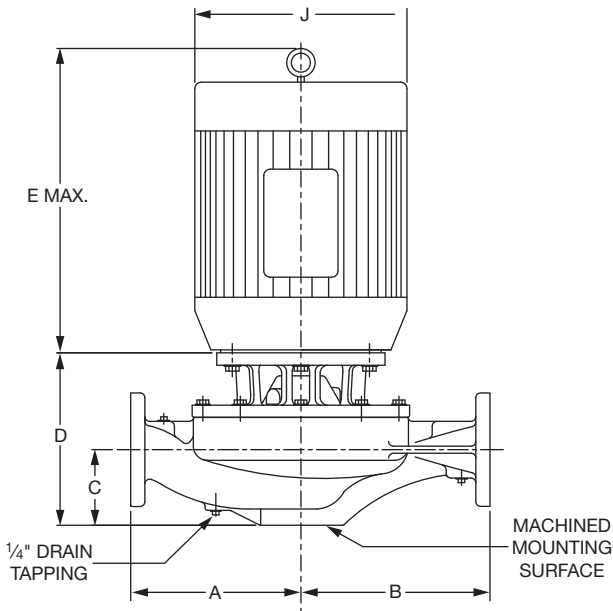
1760 RPM MODEL 2009

JOB _____ ENGINEER _____

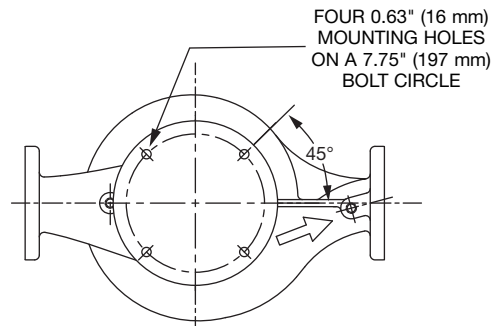
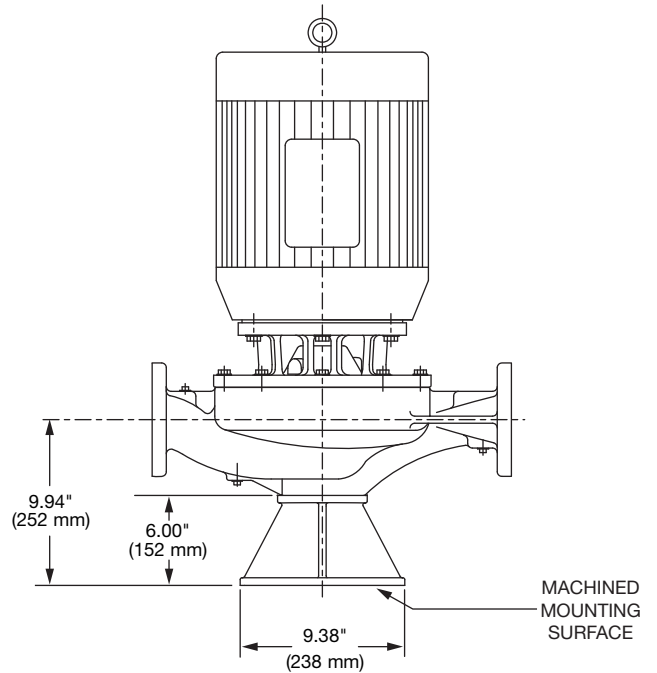
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2009	2 x 2 (51 x 51)	145JM	2	2 (51)	9.00 (229) if ANSI Class 125	10.00 (254) if ANSI Class 125	3.94 (100)	8.29 (211)	13.43 (341)	5.72 (145)	6.22 (158)	0.25 (6)	6.62 (168)
		182JM	3					8.29 (211)	13.94 (354)				7.88 (200)
		184JM	5					8.29 (211)	15.58 (396)				7.88 (200)
		213JM	7.5					8.29 (211)	16.68 (424)				9.56 (234)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

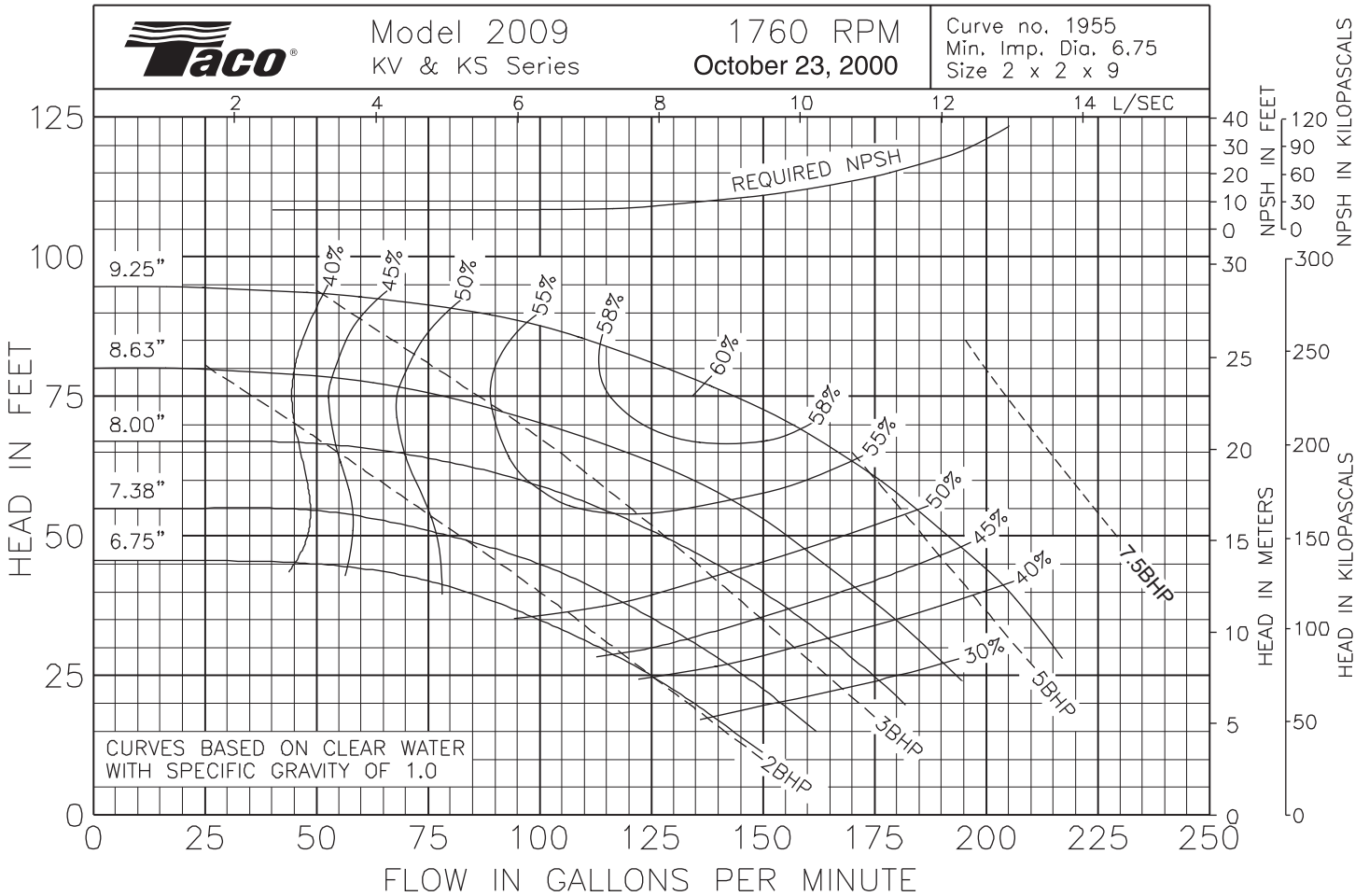
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	144 (65)	163 (74)
182JM - 184JM	178 (81)	197 (89)
213JM - 215JM	205 (93)	224 (102)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1105

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

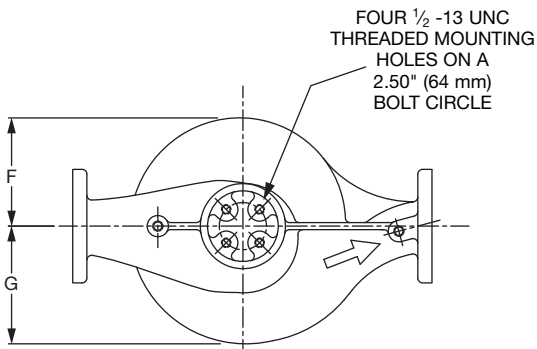
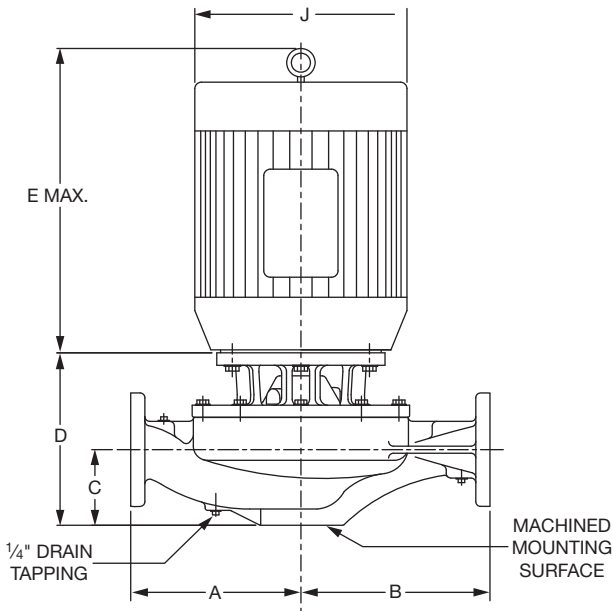
1760 RPM MODEL 2011

JOB _____ ENGINEER _____

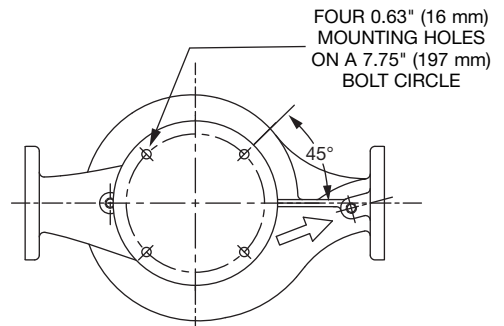
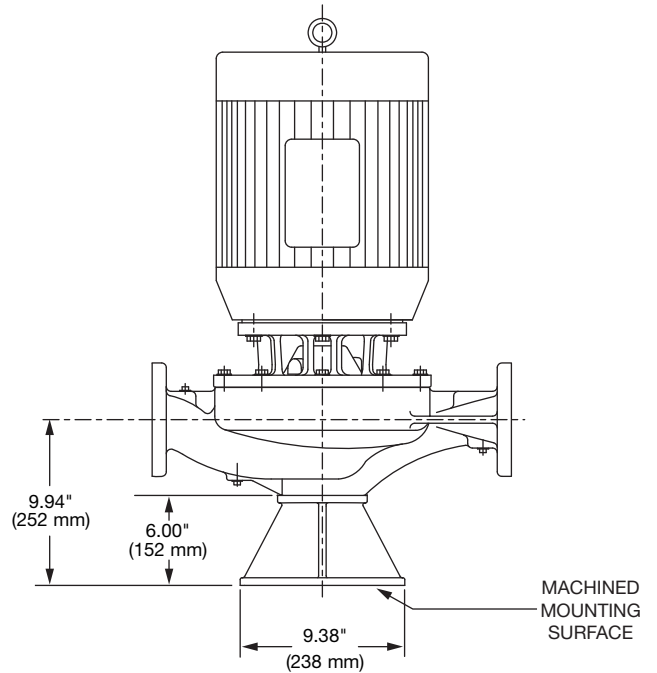
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2011	2 x 2 (51 x 51)	182JM	3	2 (51)	10.50 (267) if ANSI Class 125	10.85 (276) if ANSI Class 125	3.94 (100)	8.23 (209)	13.94 (354)	7.06 (179)	7.12 (181)	0.25 (6)	7.88 (200)
		184JM	5					8.23 (209)	15.58 (396)				7.88 (200)
		213JM	7.5					8.41 (214)	16.68 (424)				9.56 (243)
		215JM	10					8.41 (214)	18.18 (462)				9.56 (243)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

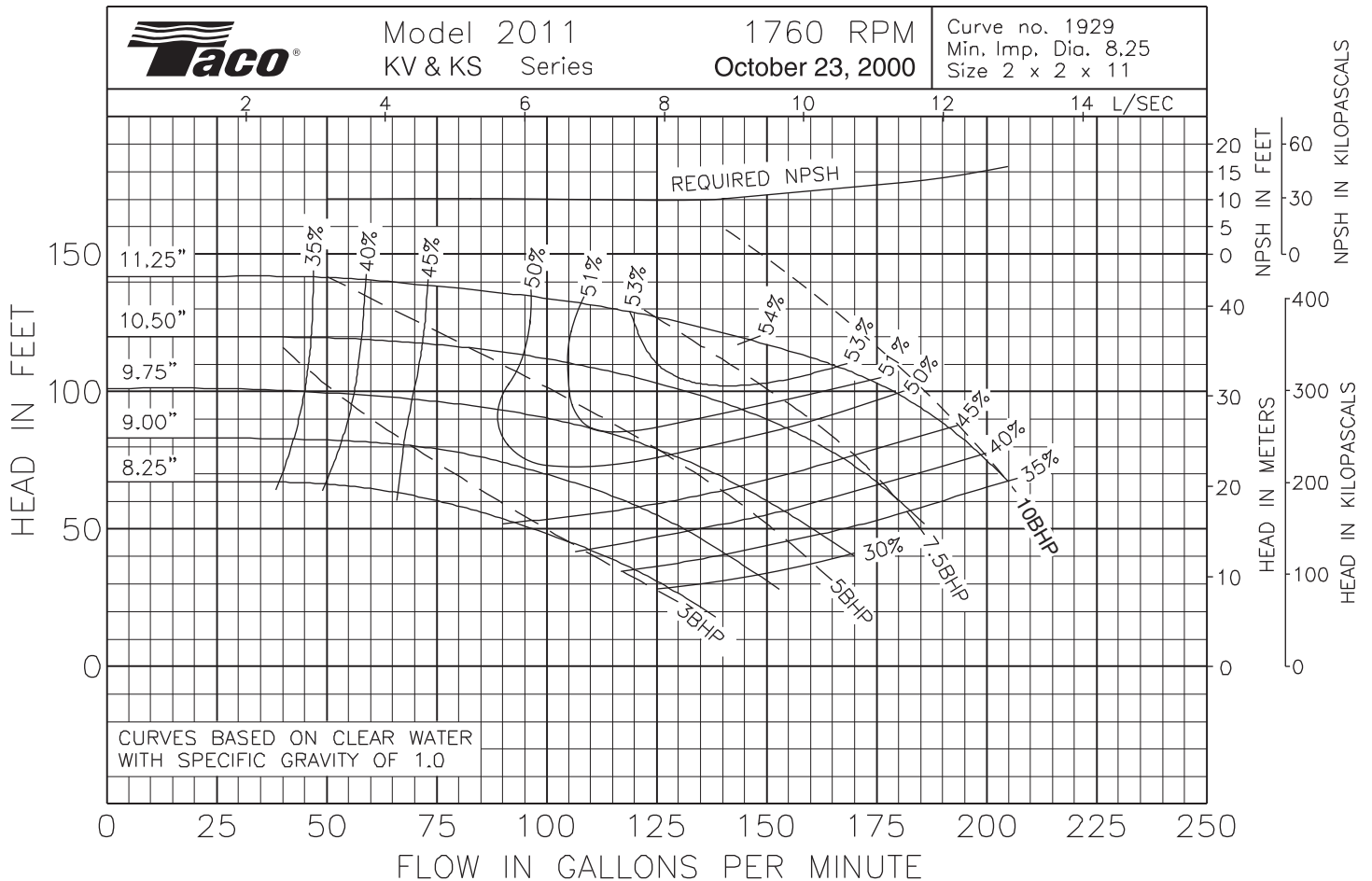
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	211 (96)	230 (104)
213JM - 215JM	280 (127)	299 (136)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1123

EFFECTIVE: March 7, 2014

SUPERSEDES: May 1, 2010

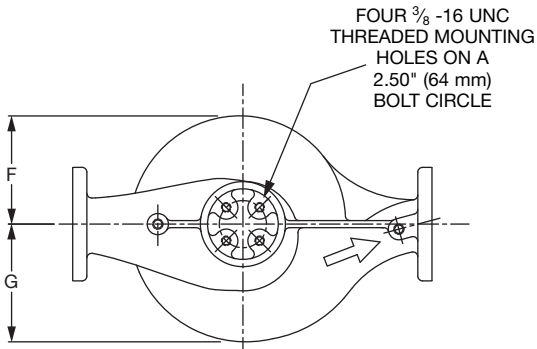
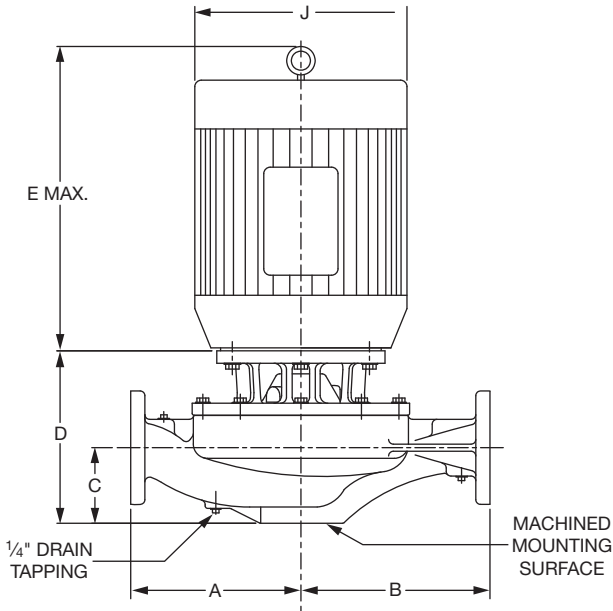
1760 RPM MODEL 2508

JOB _____ ENGINEER _____

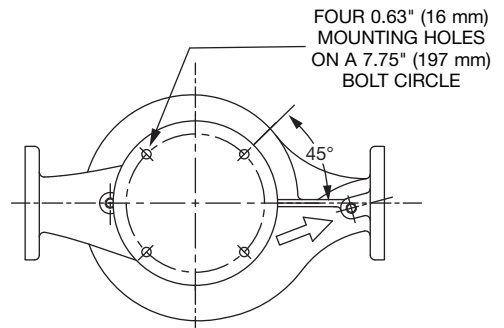
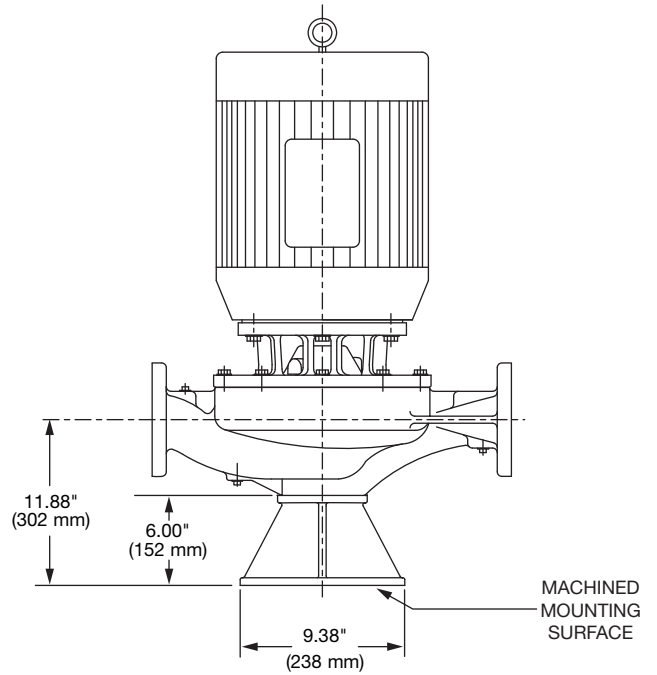
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2508	2 1/2 x 2 1/2 (64 x 64)	182JM	3	2 1/2 (64)	9.56 (242) if ANSI Class 125	8.25 (209) if ANSI Class 125	5.88 (149)	10.27 (260)	13.94 (354)	6.10 (155)	6.99 (177)	0.25 (6)	7.88 (200)
		184JM	5					10.27 (260)	15.58 (396)				7.88 (200)
		213JM	7.5					10.27 (260)	16.68 (424)				9.56 (234)
		215JM	10					10.27 (260)	18.18 (462)				9.56 (234)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

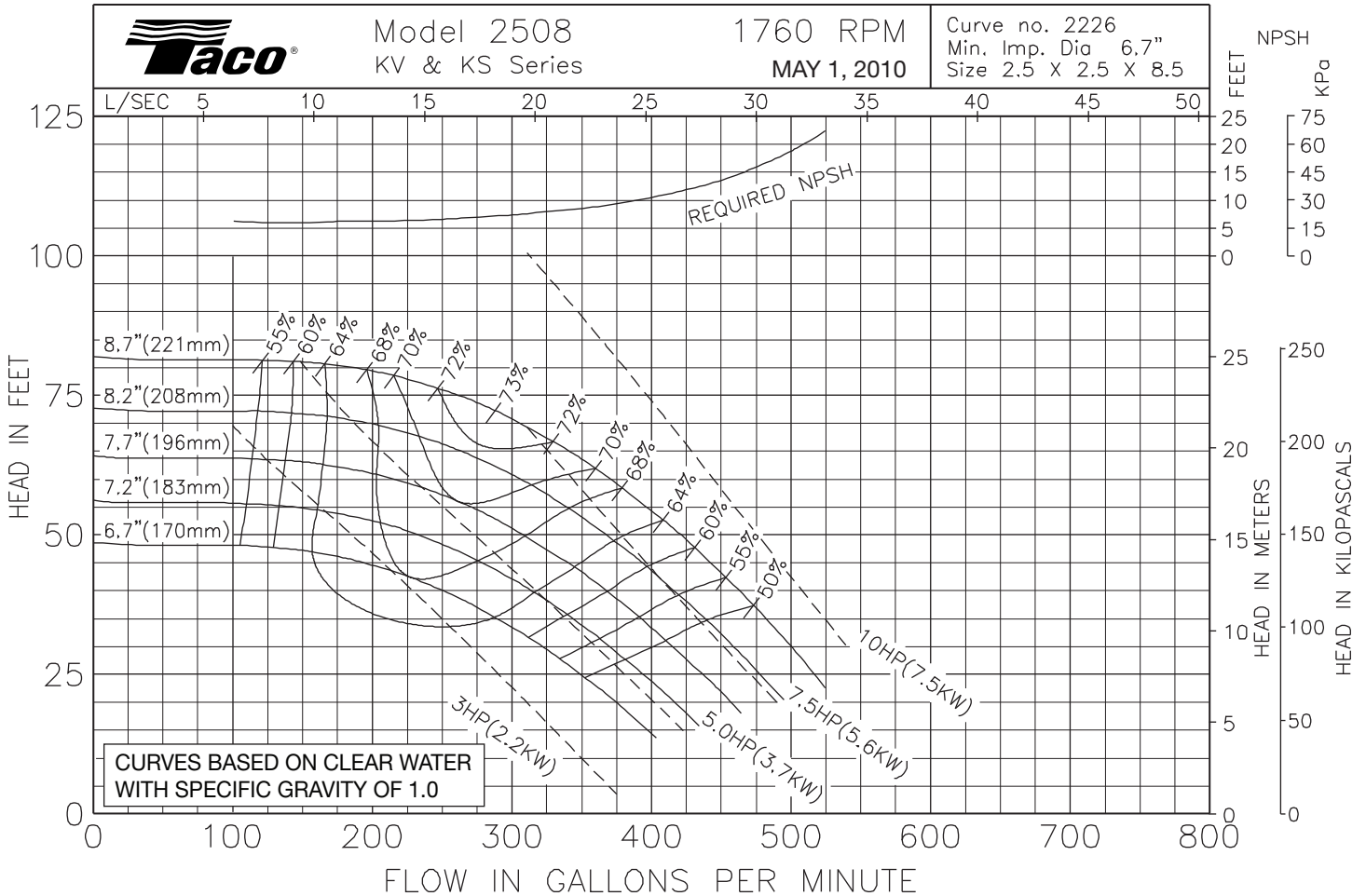
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	192 (87)	211 (96)
213JM - 215JM	263 (119)	282 (128)



Comments:



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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1475

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

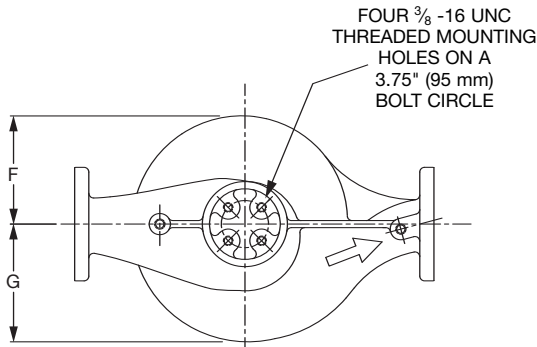
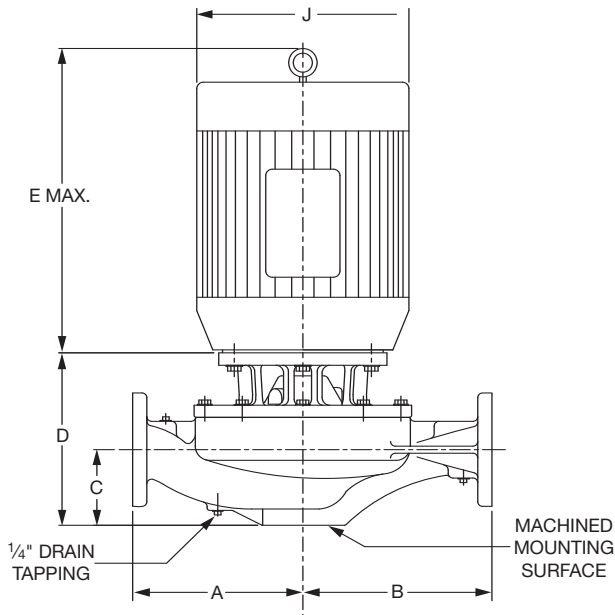
1760 RPM MODEL 2510

JOB _____ ENGINEER _____

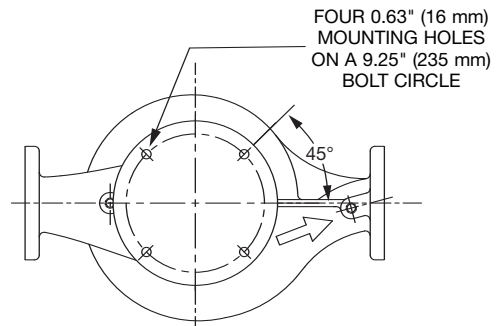
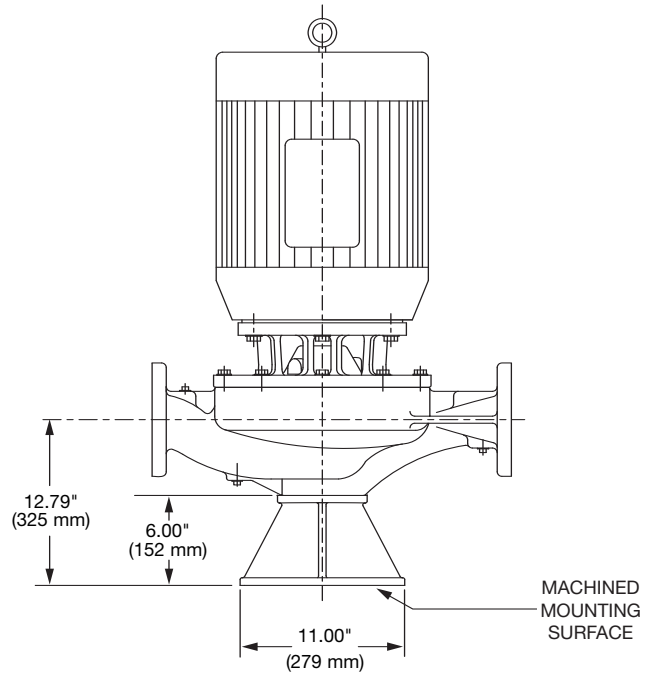
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2510	2.5 x 2.5 (64 x 64)	184JM	5	2.5 (64)	11.25 (285) if ANSI Class 125	9.75 (247) if ANSI Class 125	6.79 (172)	11.30 (287)	15.58 (396)	7.06 (179)	7.71 (195)	0.25 (6)	7.88 (200)
		213JM	7.5					11.30 (287)	16.68 (424)				9.56 (243)
		215JM	10					11.30 (287)	18.18 (524)				9.56 (243)
		254JM	15					11.97 (304)	17.83 (453)				12.94 (329)
		256JM	20					11.97 (304)	19.91 (506)				12.94 (329)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

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)	CF
Temperature	250°F (120°C)	250°F (120°C)	CF

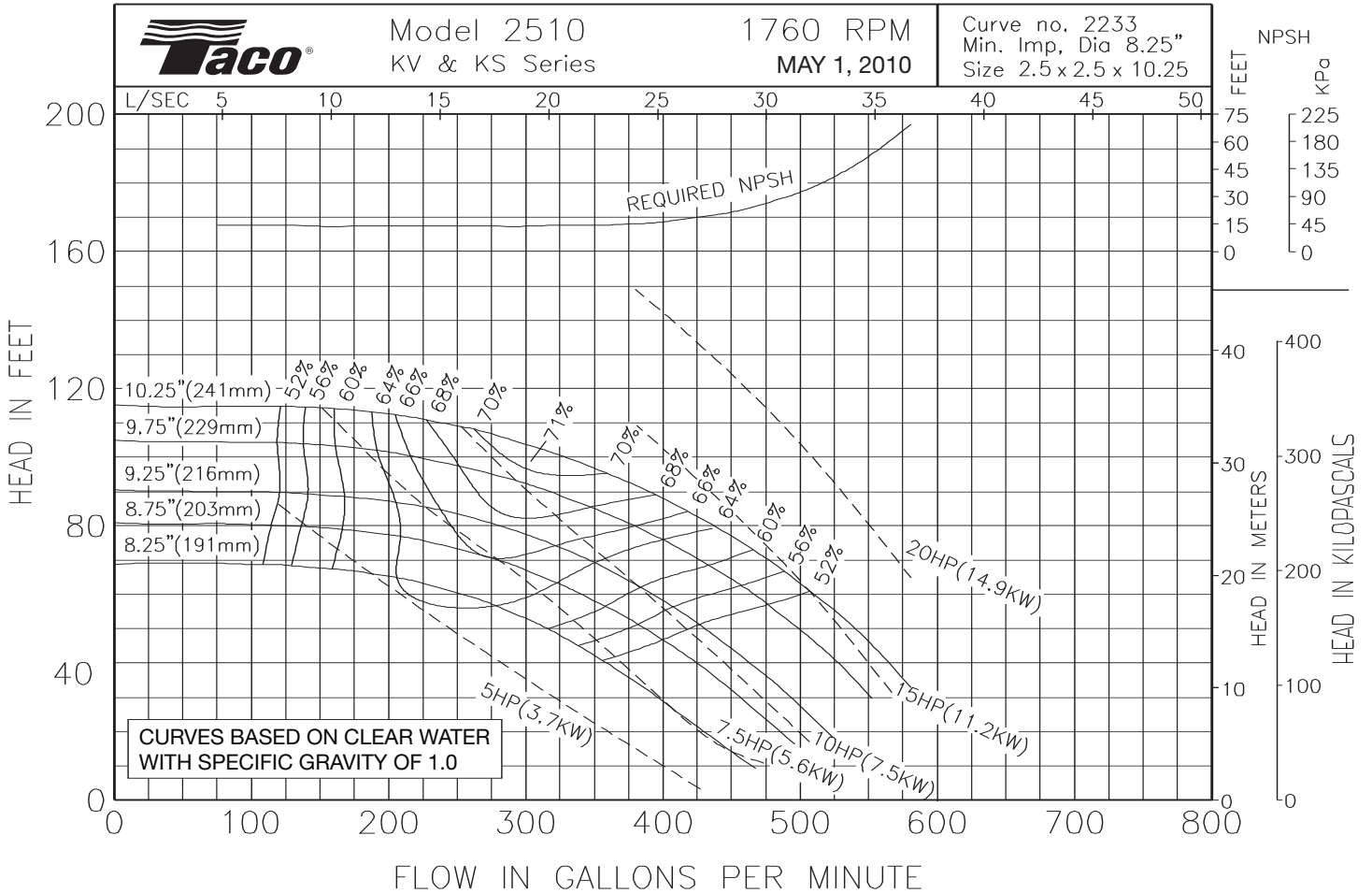
Motors: All NEMA Standard (T Frame)

* 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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	203 (92)	229 (104)
213JM - 215JM	273 (124)	299 (136)
254JM - 256JM	364 (165)	390 (177)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1096

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

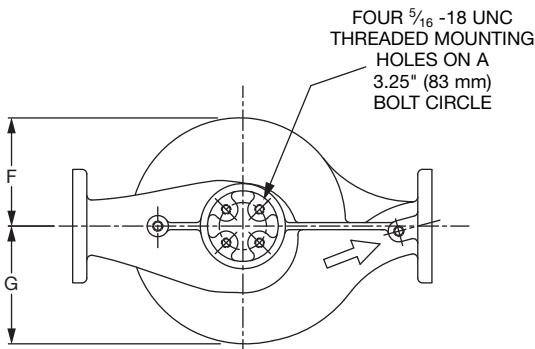
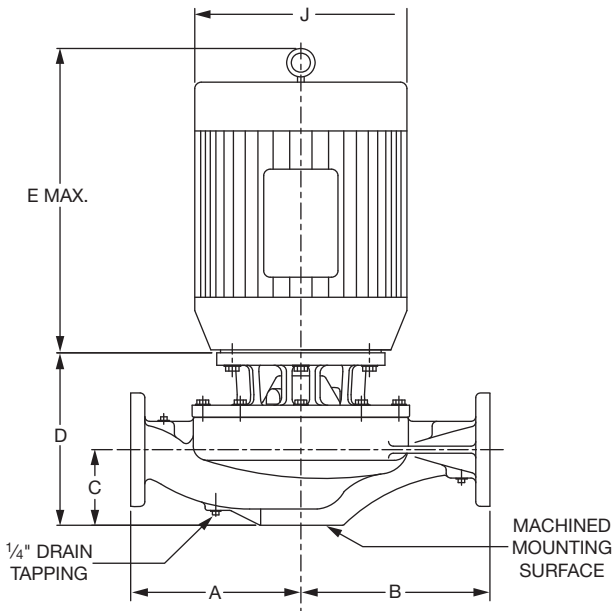
1760 RPM MODEL 3006

JOB _____ ENGINEER _____

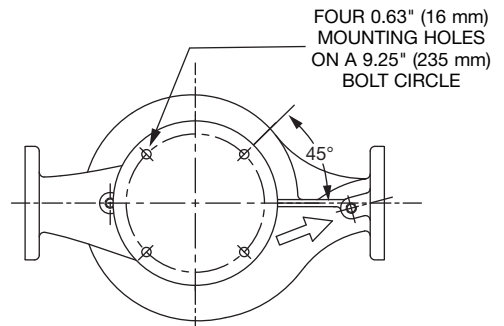
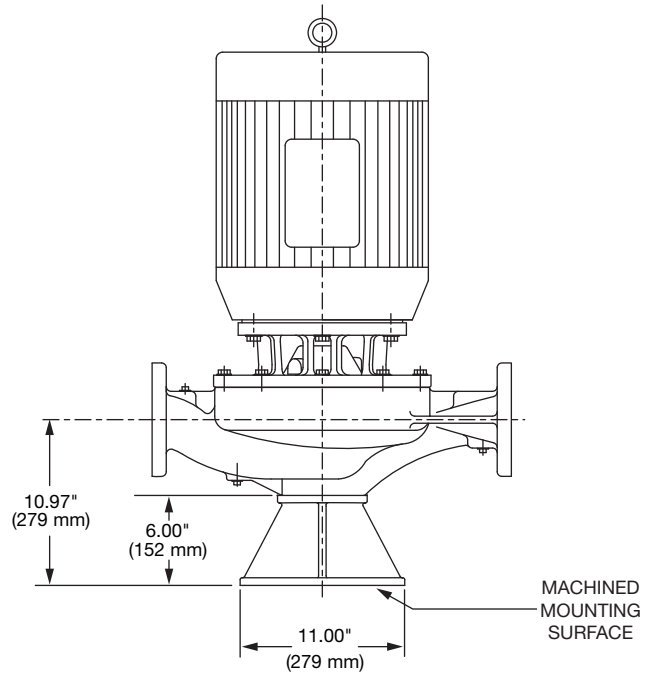
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3006	3 x 3 (76 x 76)	143JM	1	3 (76)	8.50 (216) if ANSI Class 125	10.00 (254) if ANSI Class 125	4.97 (126)	9.13 (232)	12.06 (306)	4.67 (119)	5.56 (141)	0.25 (6)	6.62 (168)
		145JM	1.5					9.13 (232)	13.43 (341)				6.62 (168)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

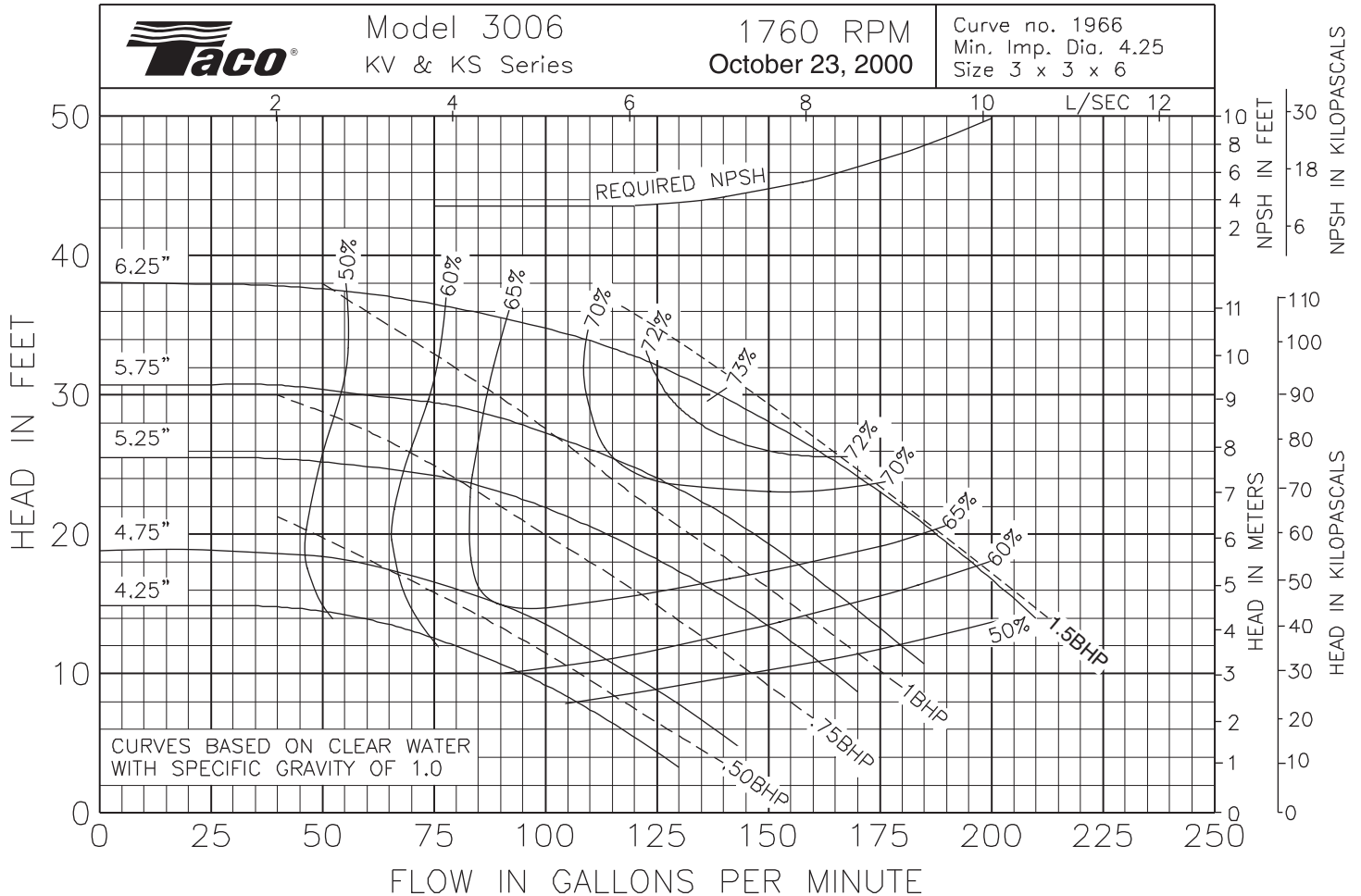
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	172 (78)	198 (90)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1099

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

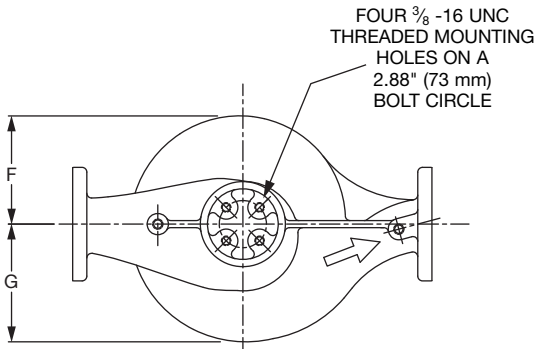
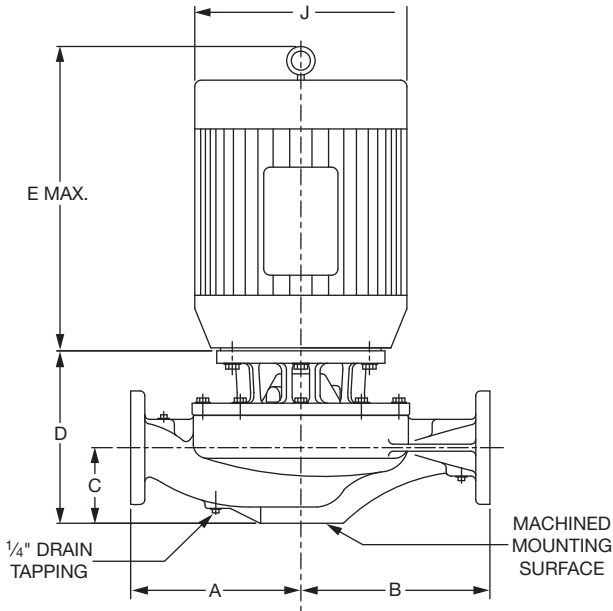
1760 RPM MODEL 3007

JOB _____ ENGINEER _____

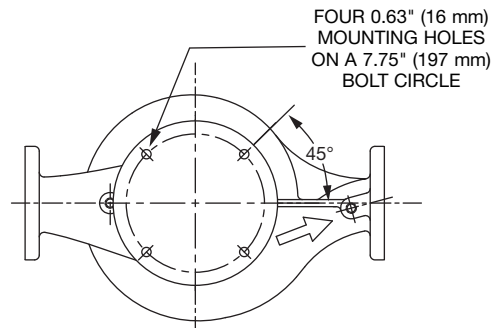
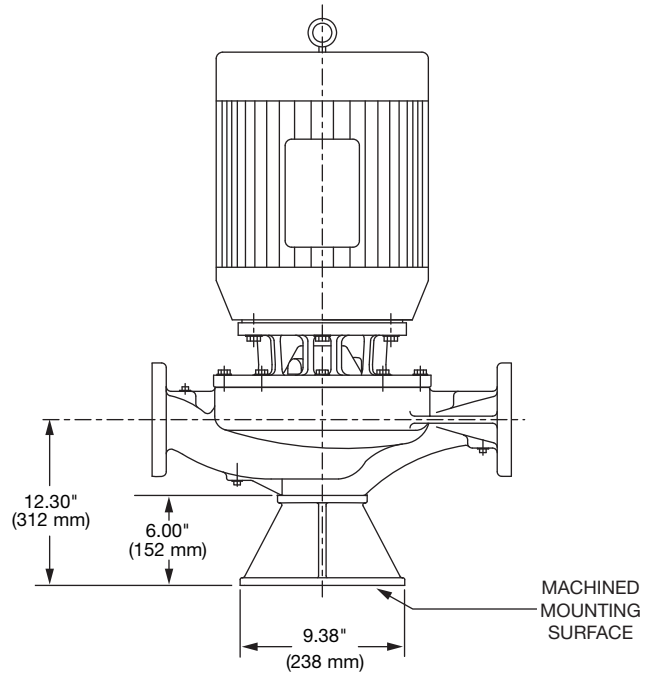
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3007	3 x 3 (76 x 76)	145JM	2	3 (76)	10.00 (254) if ANSI Class 125	10.00 (254) if ANSI Class 125	6.30 (160)	10.53 (267)	13.43 (341)	5.29 (134)	6.31 (160)	0.25 (6)	6.62 (168)
		182JM	3					10.53 (267)	13.94 (354)				7.88 (200)
		184JM	5					10.53 (267)	15.58 (396)				7.88 (200)
		213JM	7.5					10.53 (267)	16.68 (424)				9.56 (234)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

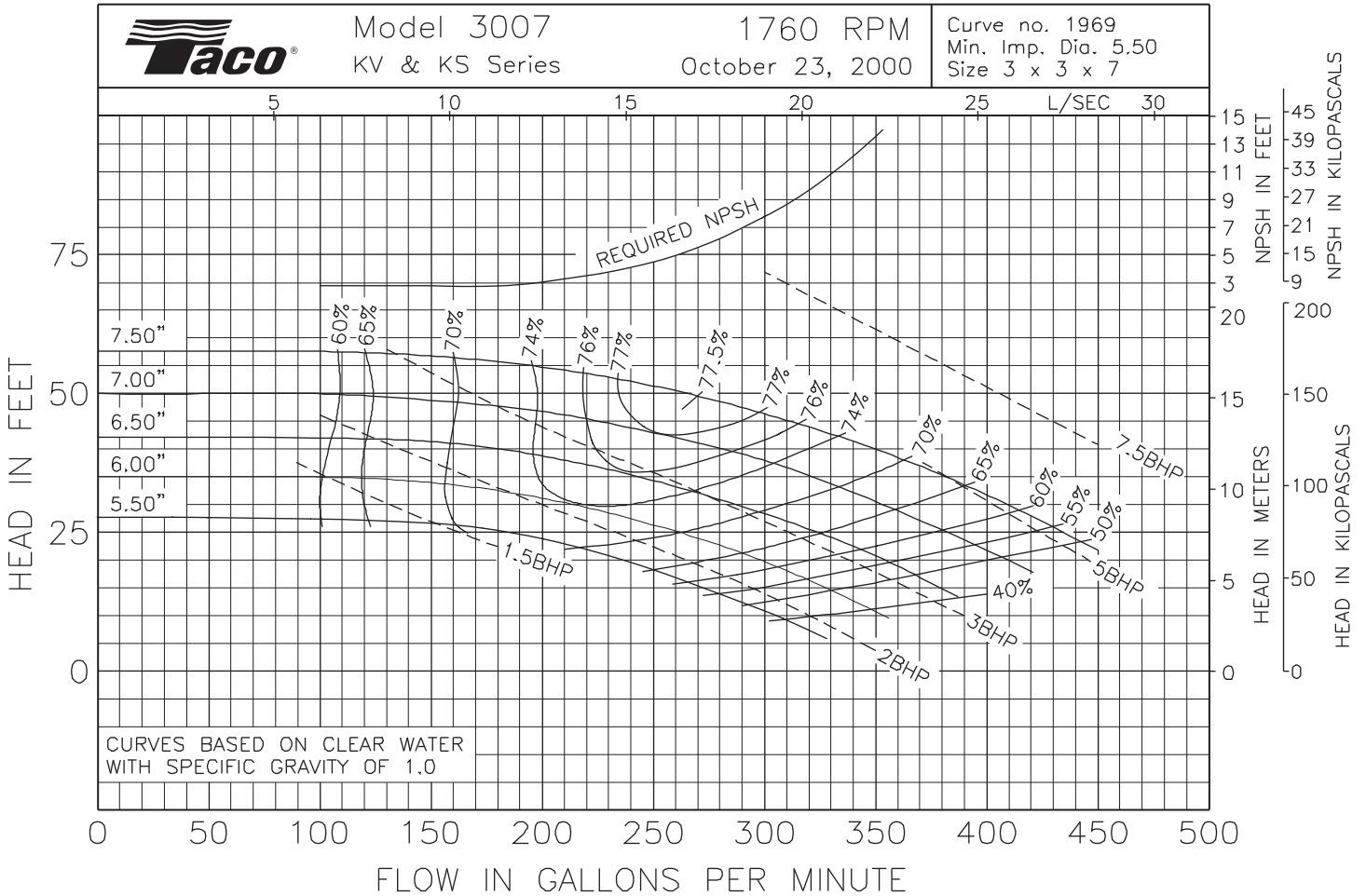
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	150 (68)	169 (77)
182JM - 184JM	184 (83)	203 (92)
213JM - 215JM	246 (112)	265 (120)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1103

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

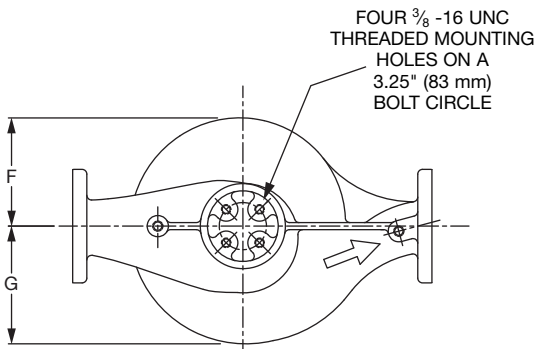
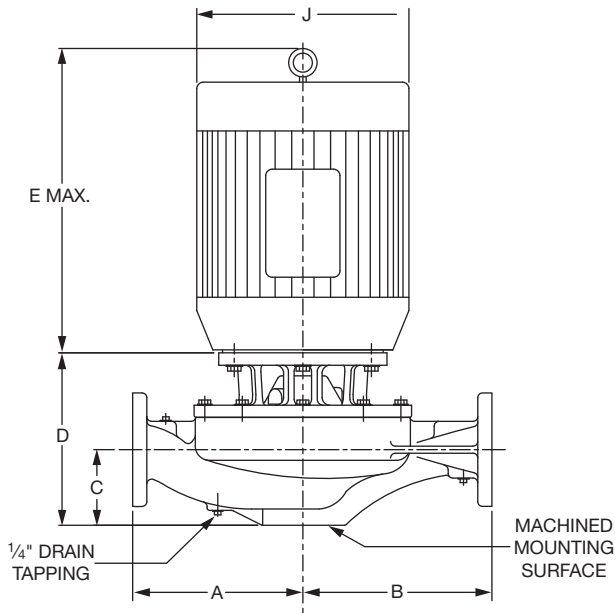
1760 RPM MODEL 3009

JOB _____ ENGINEER _____

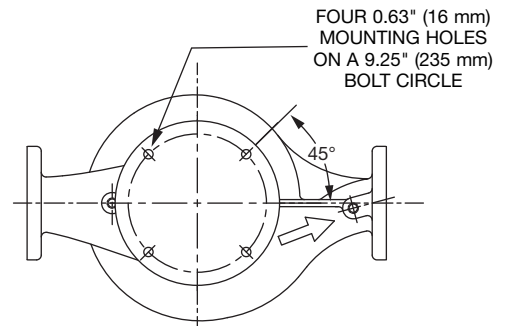
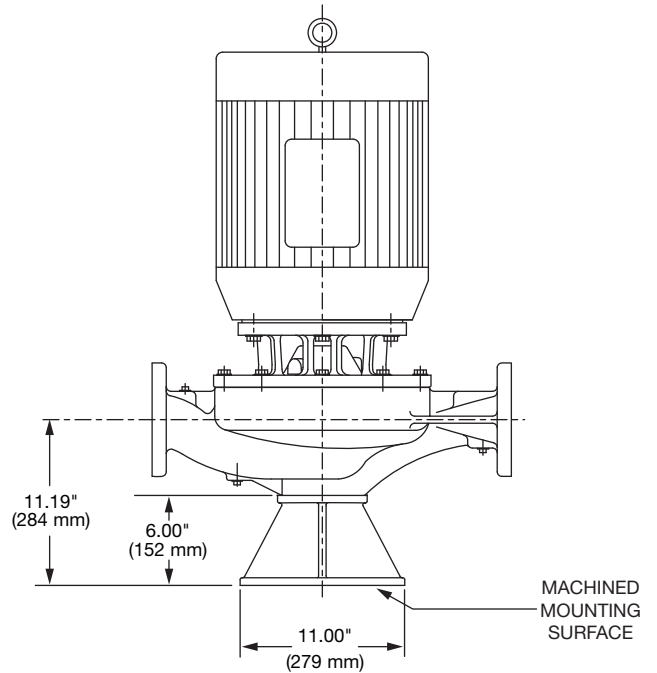
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3009	3 x 3 (76 x 76)	145JM	2	3 (76)	10.00 (254) if ANSI Class 125	11.00 (279) if ANSI Class 125	5.19 (132)	9.47 (241)	13.43 (341)	5.94 (151)	6.53 (166)	0.25 (6)	6.62 (168)
		182JM	3					9.47 (241)	13.94 (354)				7.88 (200)
		184JM	5					9.47 (241)	15.58 (396)				7.88 (200)
		213JM	7.5					9.65 (245)	16.68 (424)				9.56 (243)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

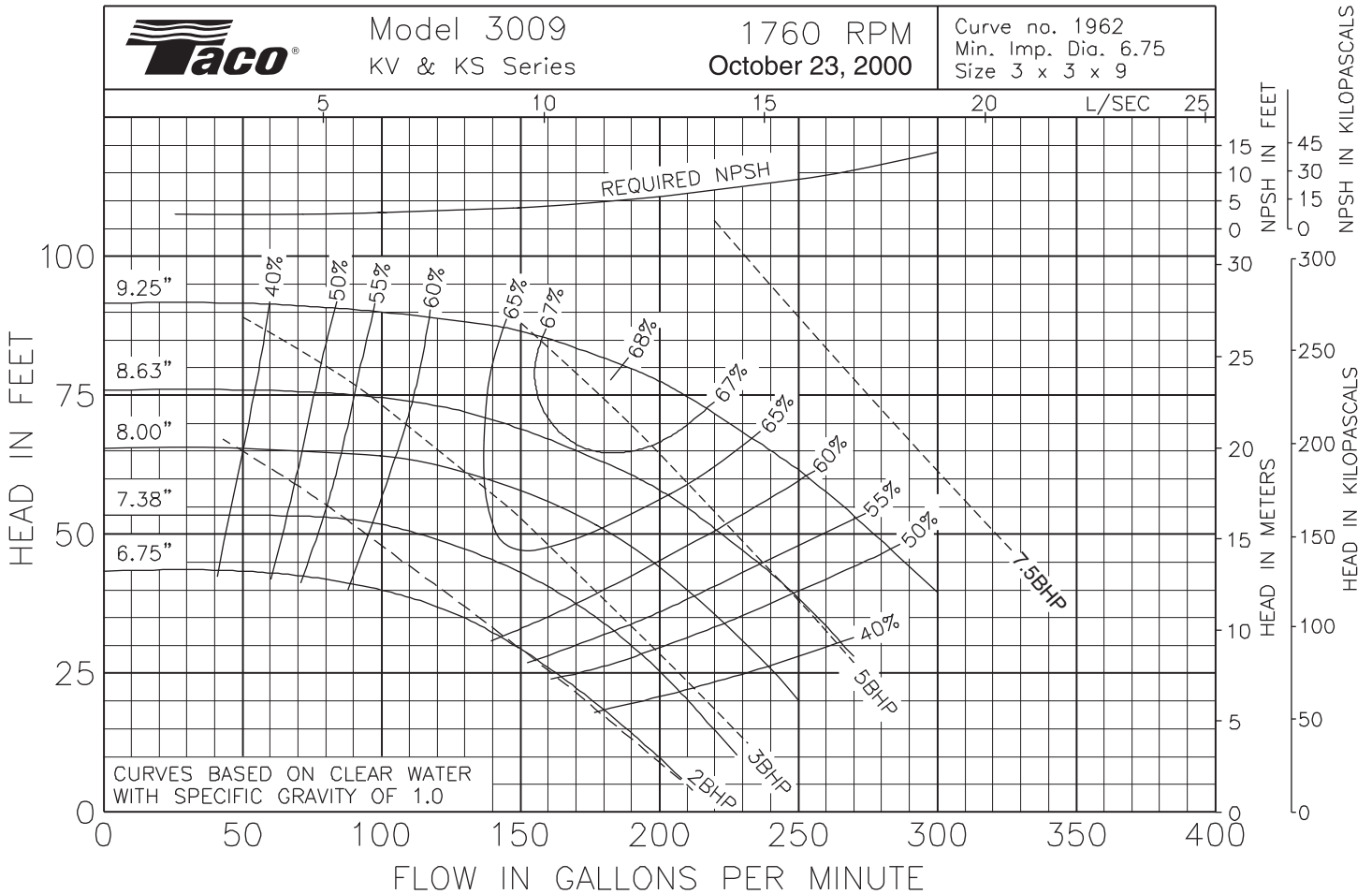
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	168 (76)	194 (88)
182JM - 184JM	202 (92)	228 (103)
213JM - 215JM	250 (113)	276 (125)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1106

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

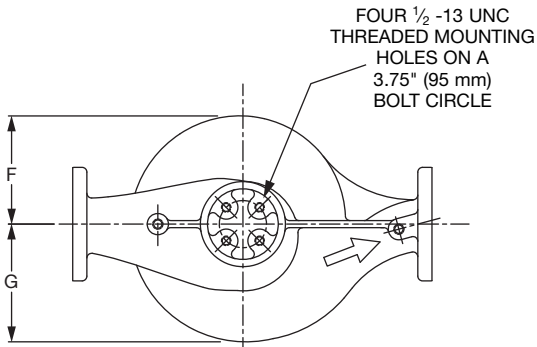
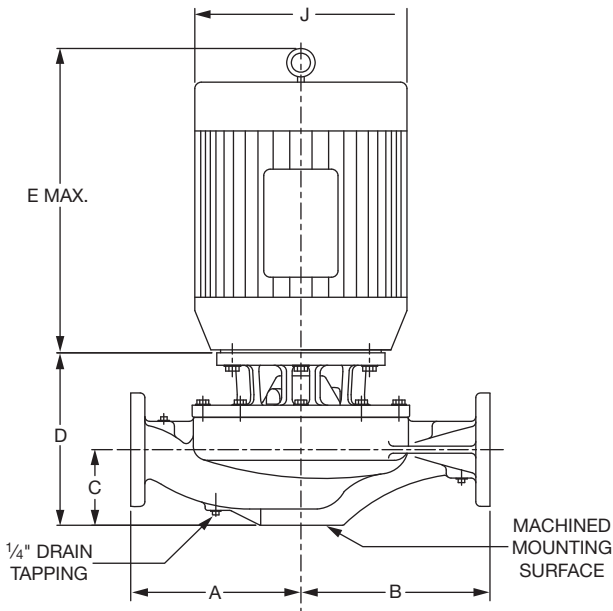
1760 RPM MODEL 3011

JOB _____ ENGINEER _____

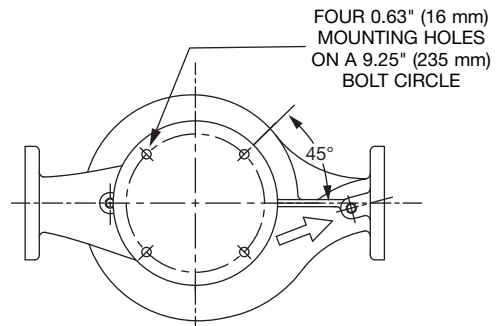
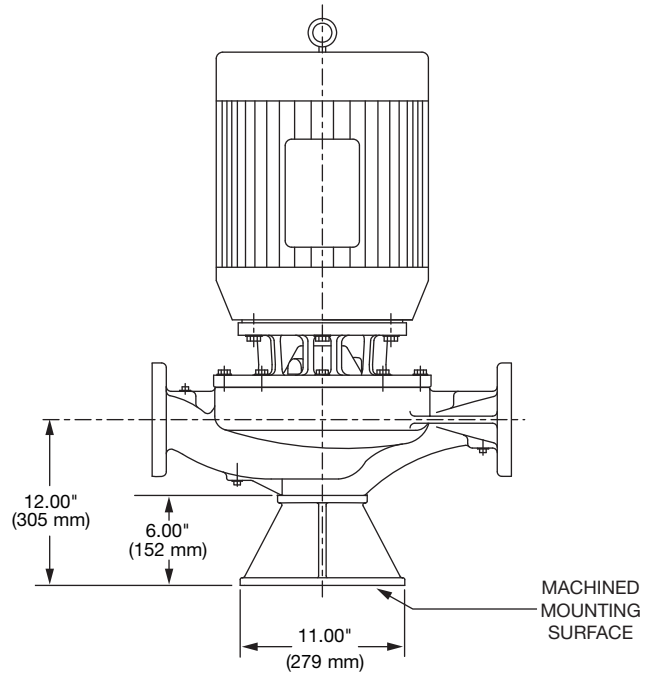
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3011	3 x 3 (76 x 76)	184JM	5	3 (76)	11.50 (292) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.00 (152)	10.32 (262)	15.58 (396)	7.10 (180)	7.89 (200)	0.25 (6)	7.88 (200)
		213JM	7.5					10.50 (267)	16.68 (424)				9.56 (243)
		215JM	10					10.50 (267)	18.18 (462)				9.56 (243)
		254JM	15					11.27 (286)	17.83 (453)				12.94 (329)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

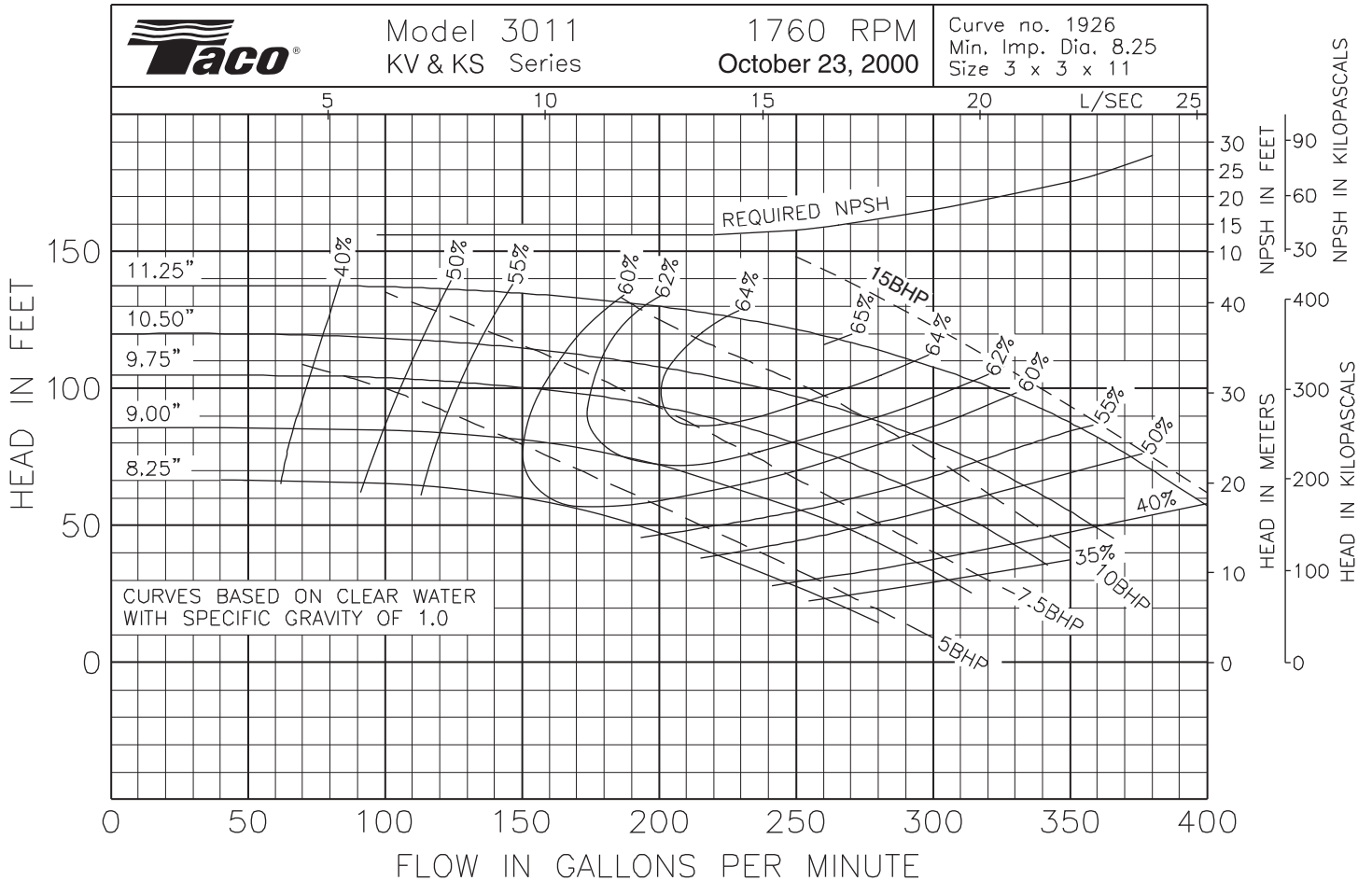
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	256 (116)	282 (128)
213JM - 215JM	319 (145)	345 (156)
254JM - 256JM	440 (200)	466 (211)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1060

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

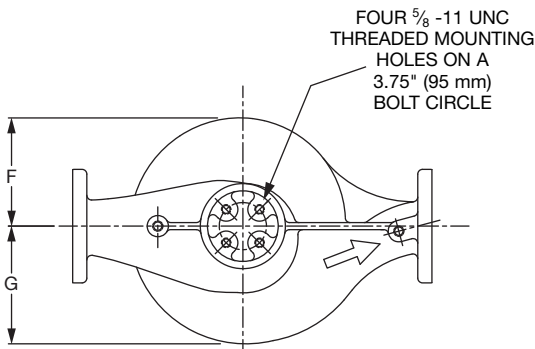
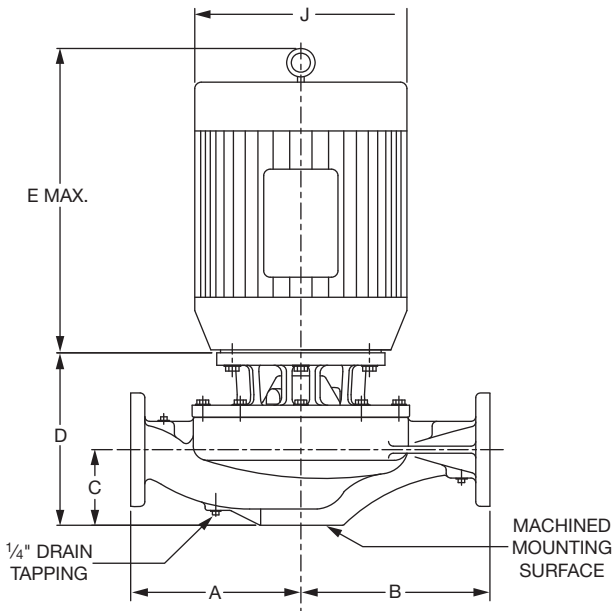
1760 RPM MODEL 3013

JOB _____ ENGINEER _____

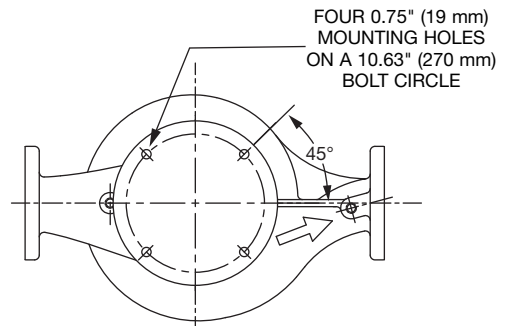
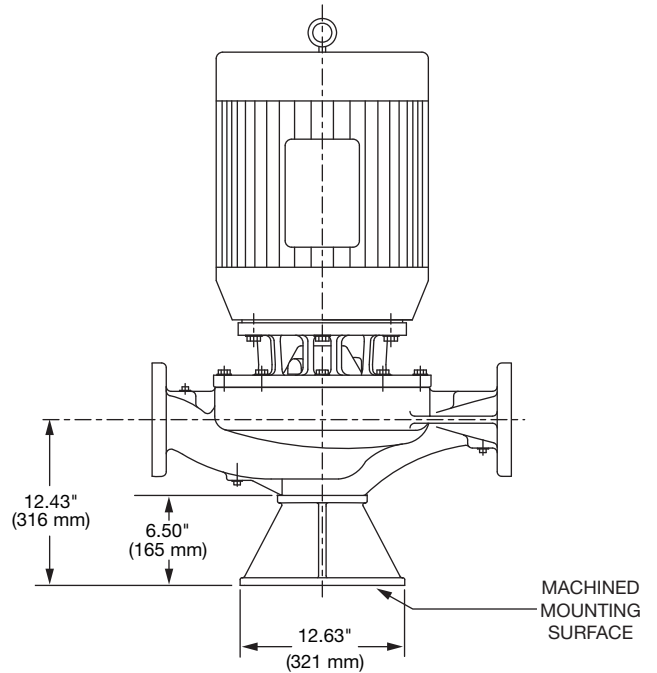
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3013	3 x 3 (76 x 76)	213JM	7.5	3 (76)	13.63 (346) if ANSI Class 125	14.13 (359) if ANSI Class 125	5.93 (151)	10.73 (273)	16.68 (424)	8.31 (211)	8.77 (223)	0.25 (6)	9.56 (243)
		215JM	10					10.73 (273)	18.18 (462)				9.56 (243)
		254JM	15					11.36 (289)	17.83 (453)				12.94 (329)
		256JM	20					11.36 (289)	19.91 (506)				12.94 (329)
		284JM	25					11.36 (289)	23.39 (594)				15.29 (388)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

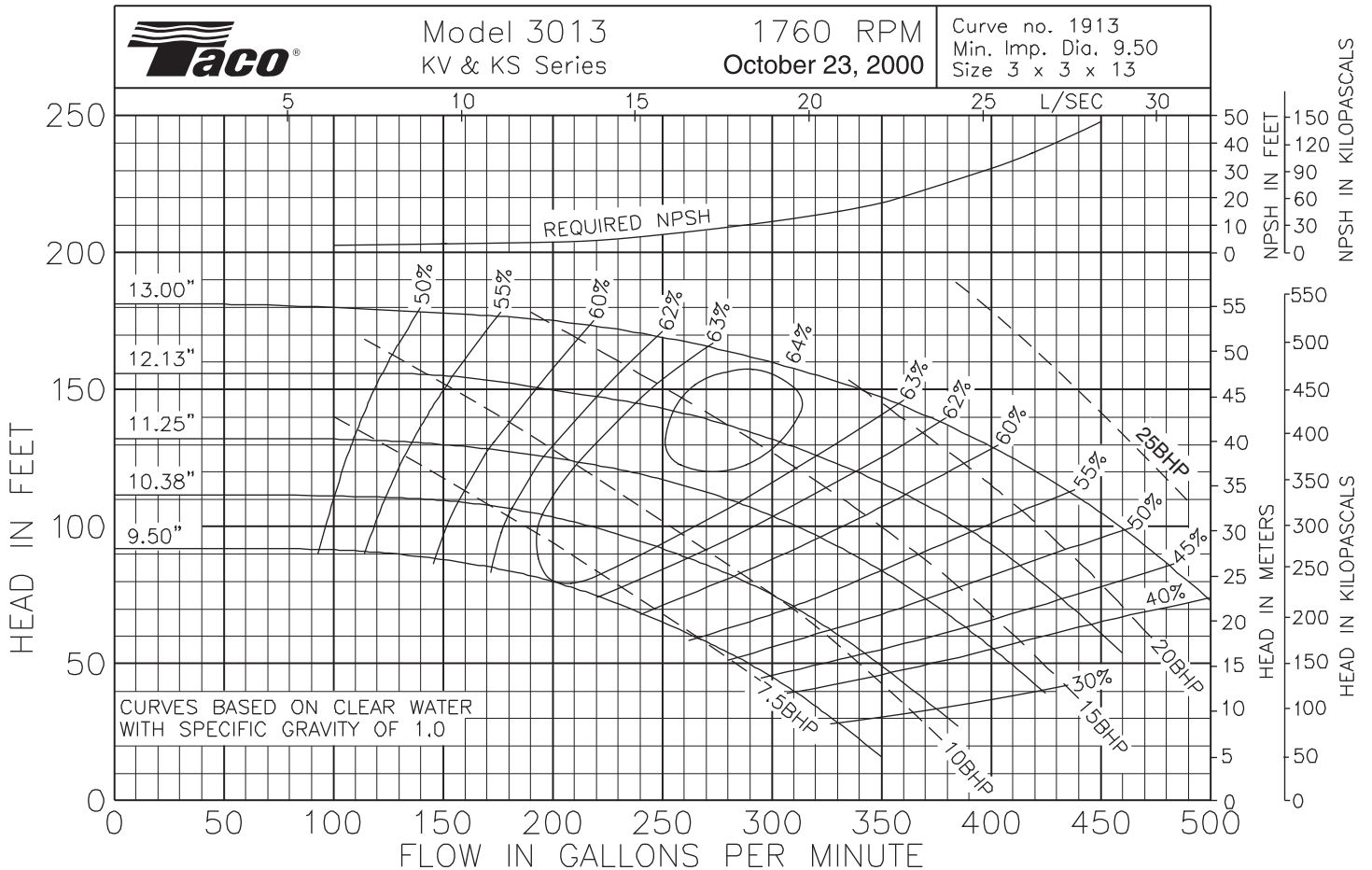
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
213JM - 215JM	383 (174)	430 (195)
254JM - 256JM	525 (238)	572 (259)
284JM - 286JM	617 (280)	664 (301)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1100

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

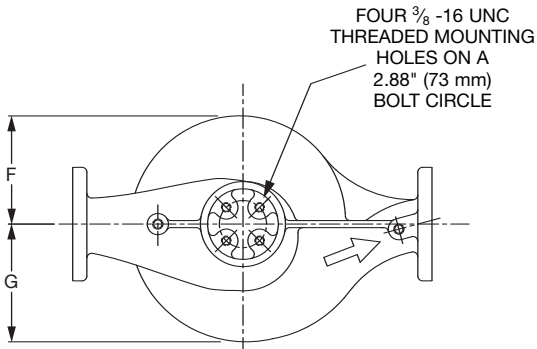
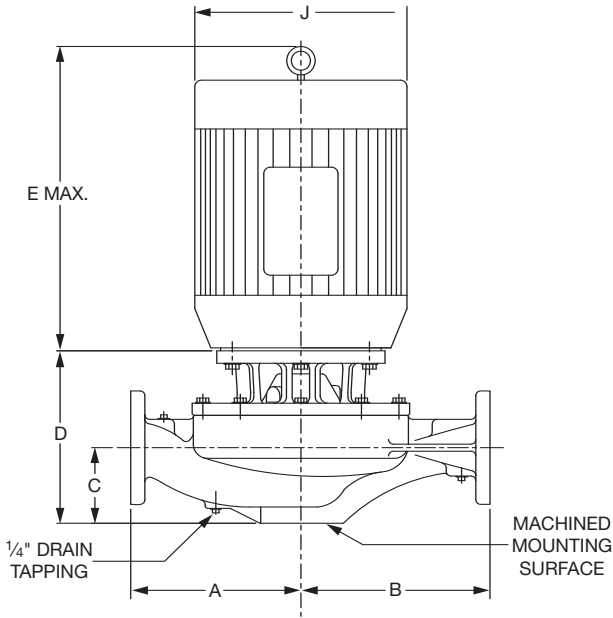
1760 RPM MODEL 4007

JOB _____ ENGINEER _____

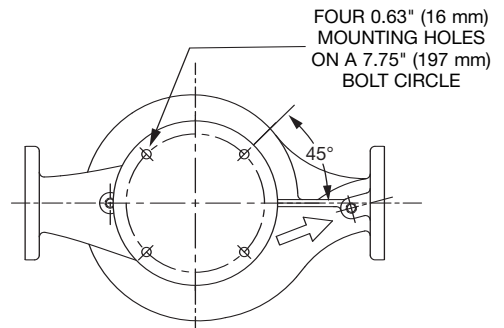
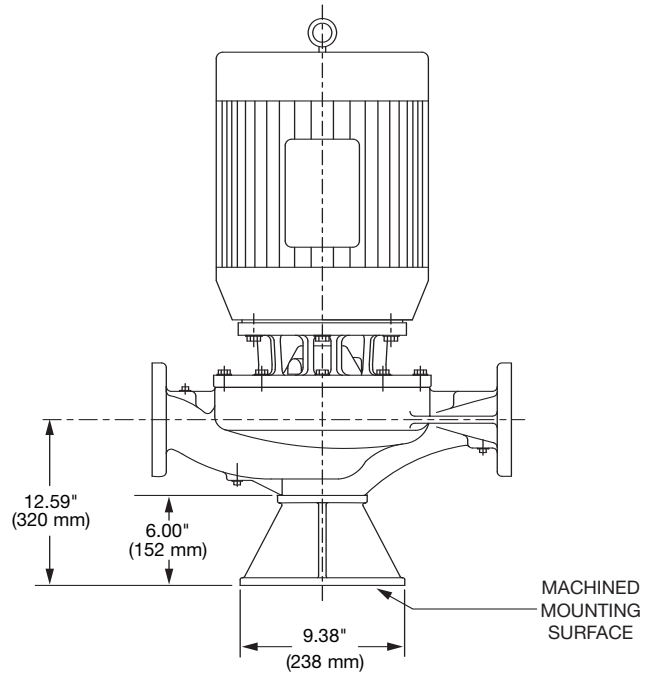
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4007	4 x 4 (102 x 102)	145JM	2	4 (102)	11.00 (279) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.59 (167)	11.21 (285)	13.43 (341)	5.64 (143)	6.80 (173)	0.25 (6)	6.62 (168)
		182JM	3					11.21 (285)	13.94 (354)				7.88 (200)
		184JM	5					11.21 (285)	15.58 (396)				7.88 (200)
		213JM	7.5					11.21 (285)	16.68 (424)				9.56 (243)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

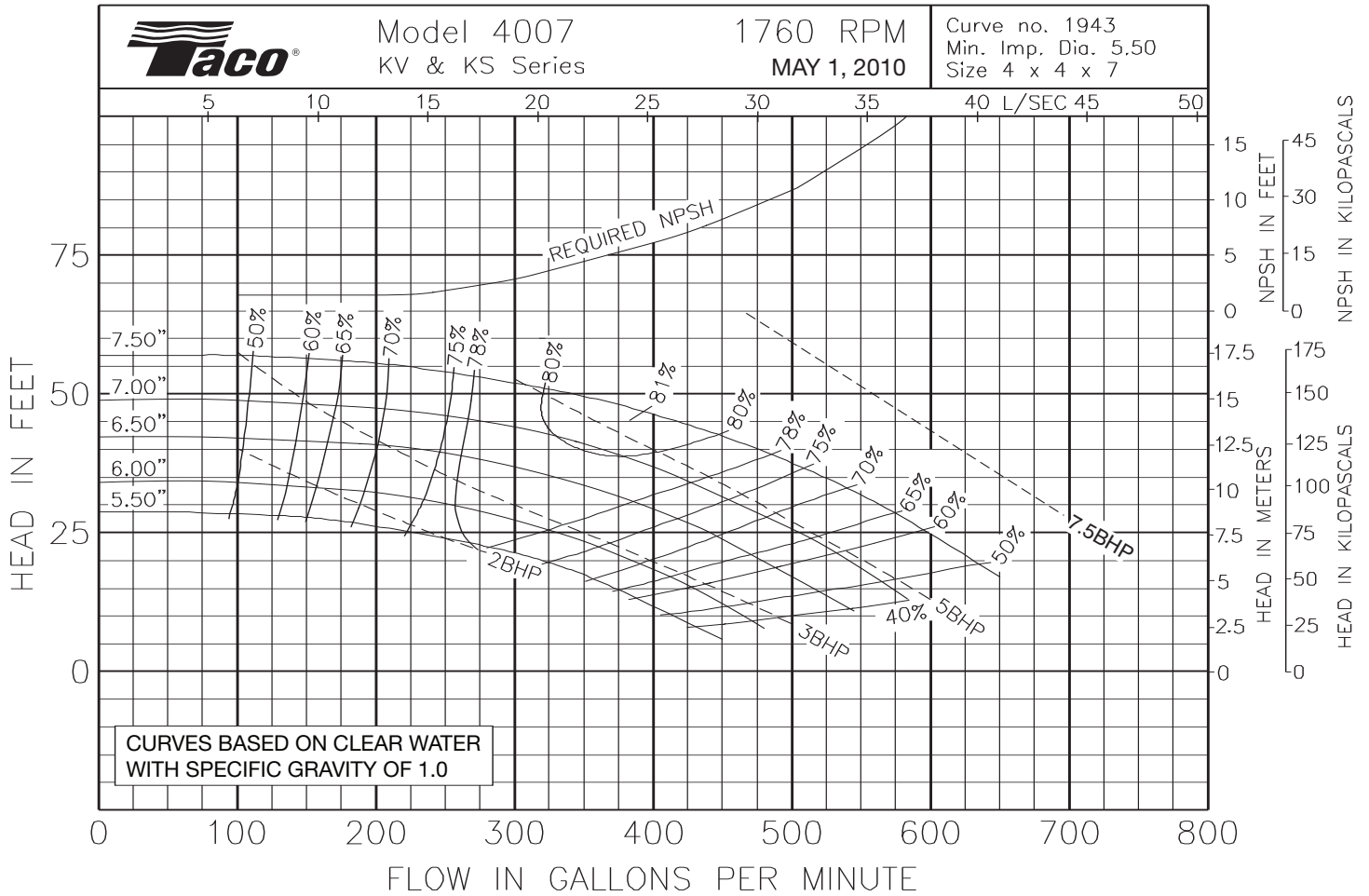
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143JM - 145JM	184 (83)	203 (92)
182JM - 184JM	218 (99)	237 (108)
213JM - 215JM	271 (123)	290 (132)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1104

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

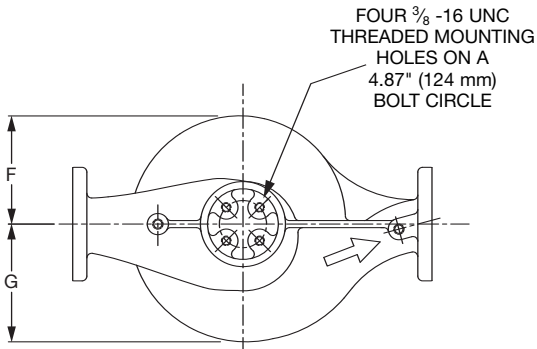
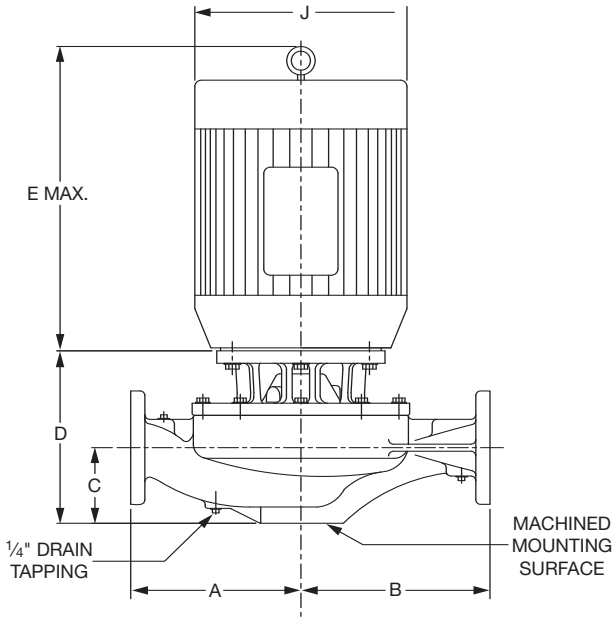
1760 RPM MODEL 4009

JOB _____ ENGINEER _____

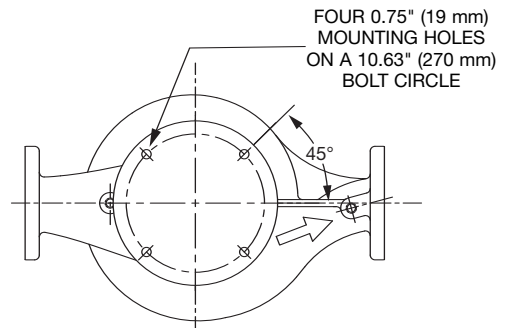
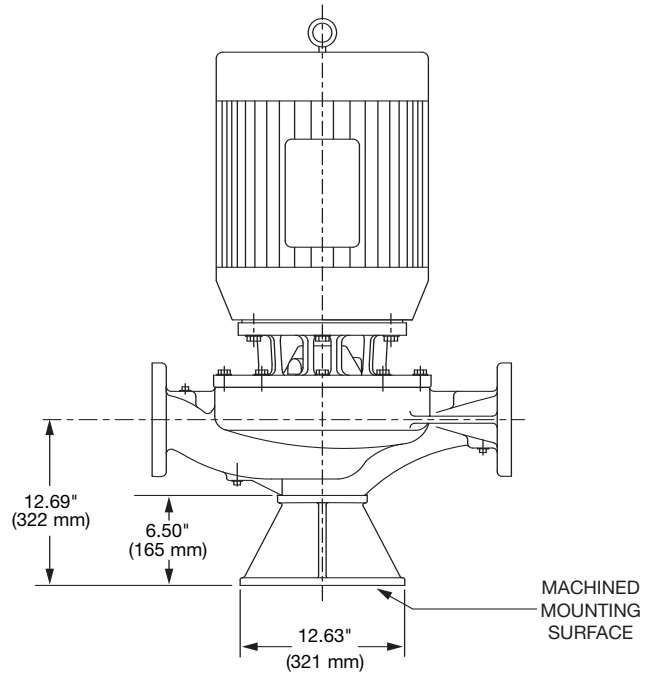
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4009	4 x 4 (102 x 102)	182JM	3	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	10.58 (269)	13.94 (354)	6.28 (160)	7.25 (184)	0.25 (6)	7.88 (200)
		184JM	5					10.58 (269)	15.58 (396)				7.88 (200)
		213JM	7.5					10.76 (273)	16.68 (424)				9.56 (243)
		215JM	10					10.76 (273)	18.18 (462)				9.56 (243)
		254JM	15					11.39 (289)	17.83 (453)				12.94 (329)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

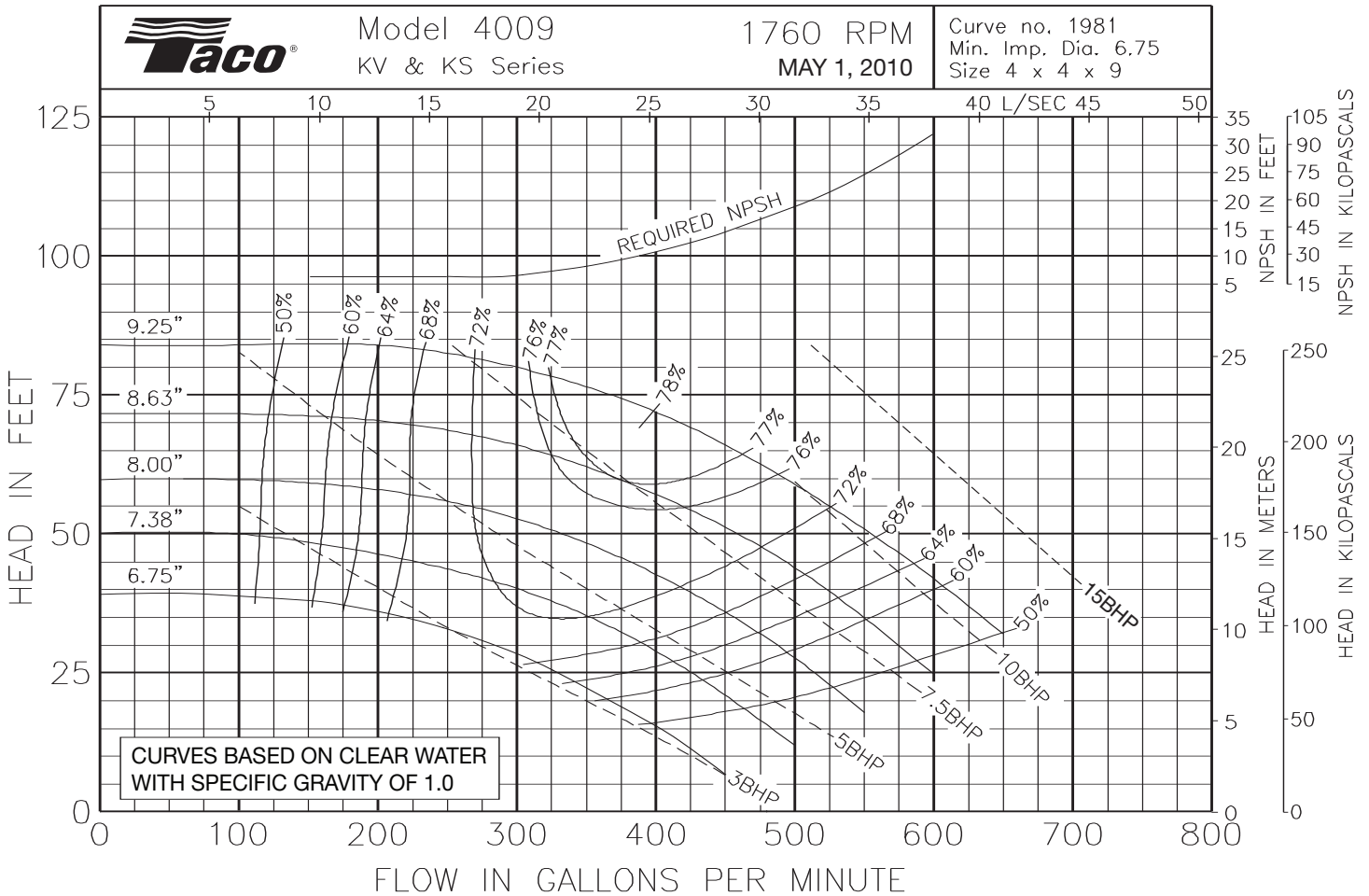
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	239 (108)	286 (130)
213JM - 215JM	308 (140)	355 (161)
254JM - 256JM	414 (188)	461 (209)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1107

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

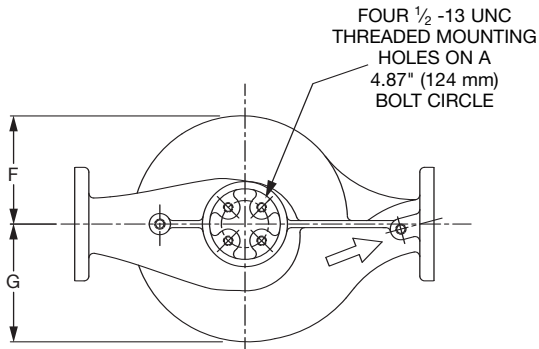
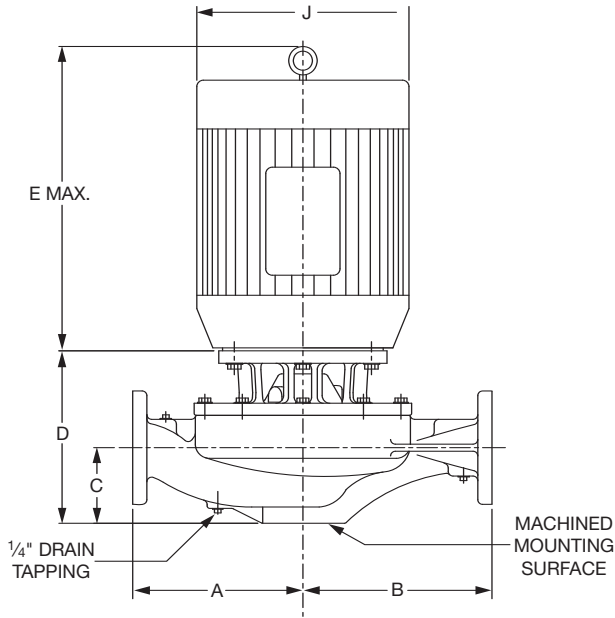
1760 RPM MODEL 4011

JOB _____ ENGINEER _____

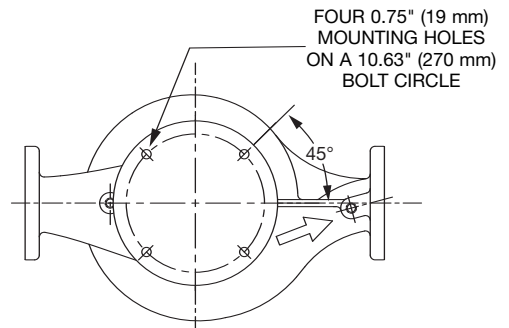
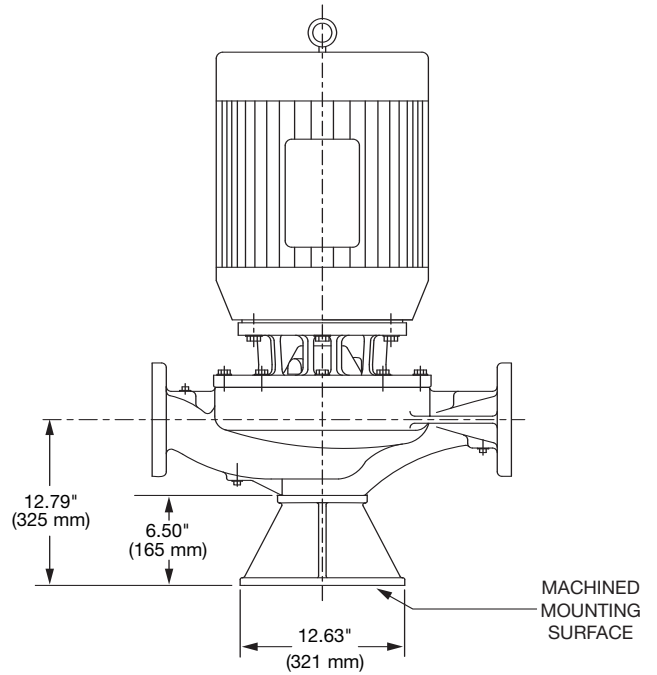
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4011	4 x 4 (102 x 102)	213JM	7.5	4 (102)	13.50 (343) if ANSI Class 125	15.00 (381) if ANSI Class 125	6.29 (160)	10.89 (277)	16.68 (424)	7.74 (197)	8.82 (224)	0.25 (6)	9.56 (243)
		215JM	10					10.89 (277)	18.18 (462)				9.56 (243)
		254JM	15					11.57 (293)	17.83 (453)				12.94 (329)
		256JM	20					11.57 (293)	19.91 (506)				12.94 (329)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

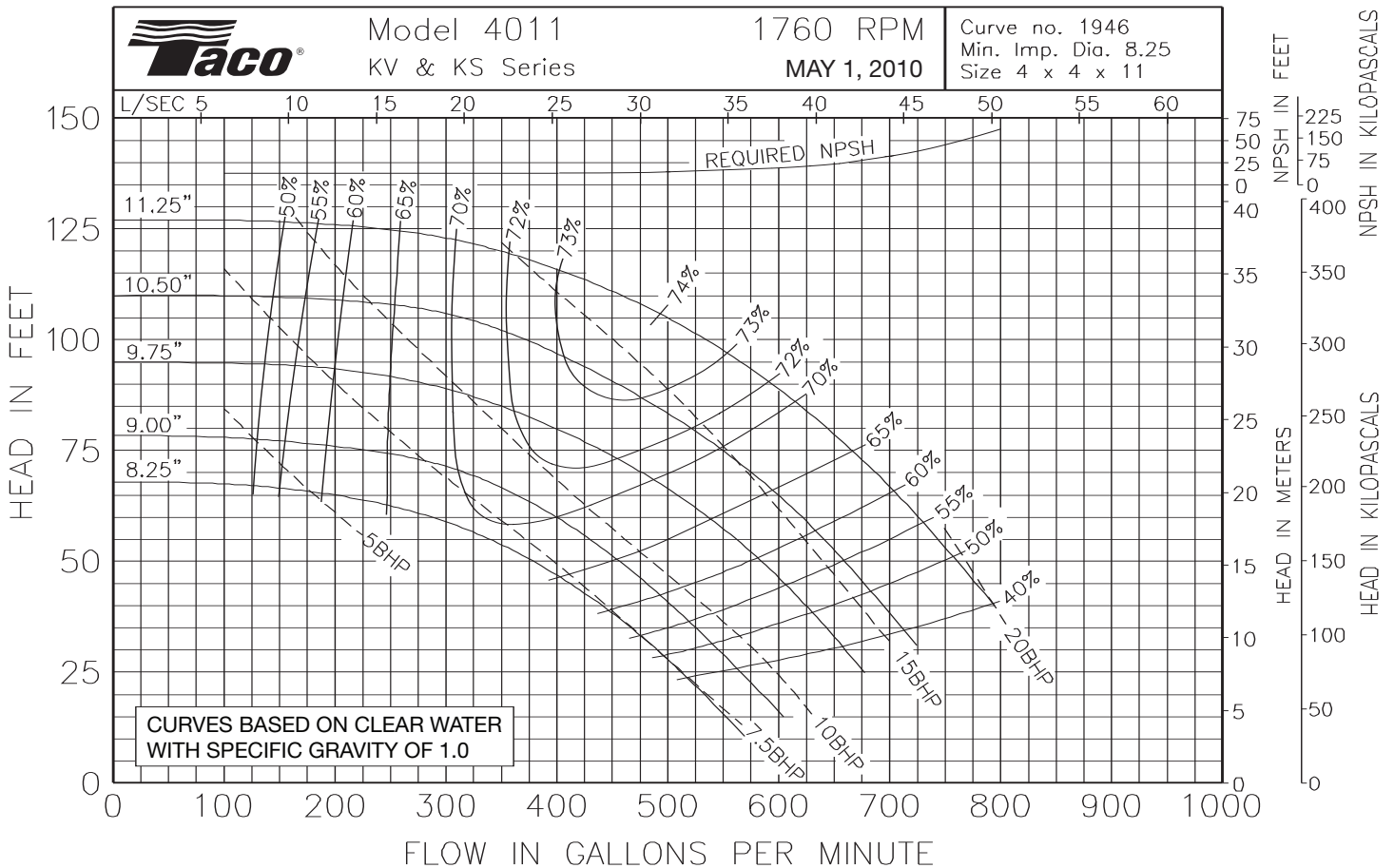
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
213JM - 215JM	377 (171)	424 (192)
254JM - 256JM	513 (233)	560 (254)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1061

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

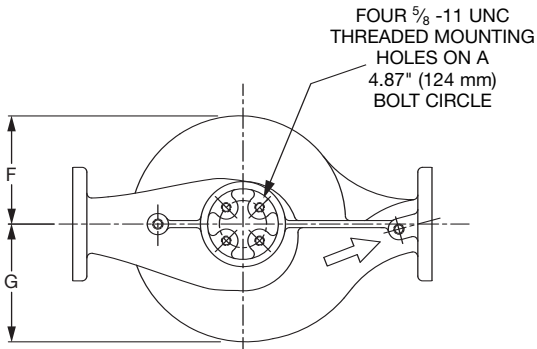
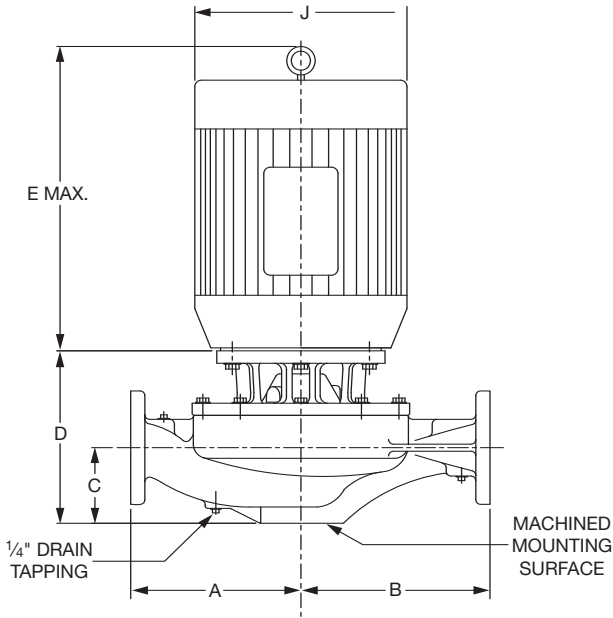
1760 RPM MODEL 4013

JOB _____ ENGINEER _____

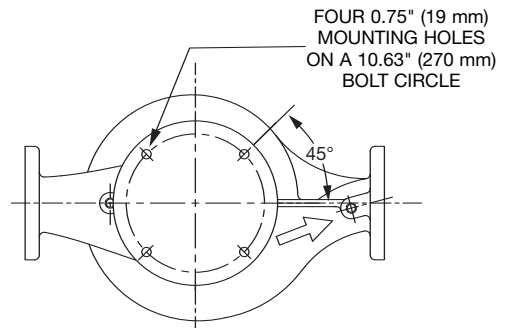
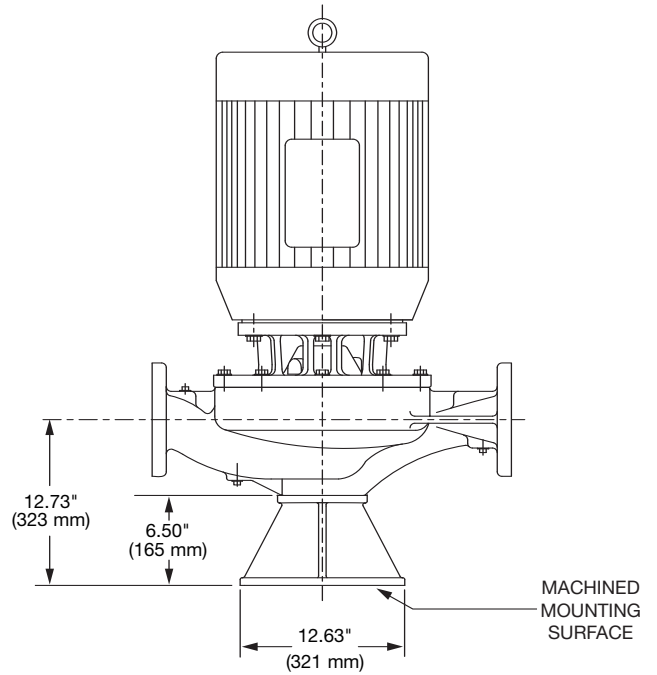
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4013	4 x 4 (102 x 102)	213JM	7.5	4 (102)	15.50 (394) if ANSI Class 125	15.50 (394) if ANSI Class 125	6.23 (158)	11.07 (281)	16.68 (424)	8.53 (217)	9.52 (242)	0.25 (6)	9.56 (243)
		215JM	10					11.07 (281)	18.18 (462)				9.56 (243)
		254JM	15					11.70 (297)	17.83 (453)				12.94 (329)
		256JM	20					11.70 (297)	19.91 (506)				12.94 (329)
		284JM	25					11.70 (297)	23.39 (594)				15.29 (388)
		286JM	30					11.70 (297)	23.39 (594)				15.29 (388)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

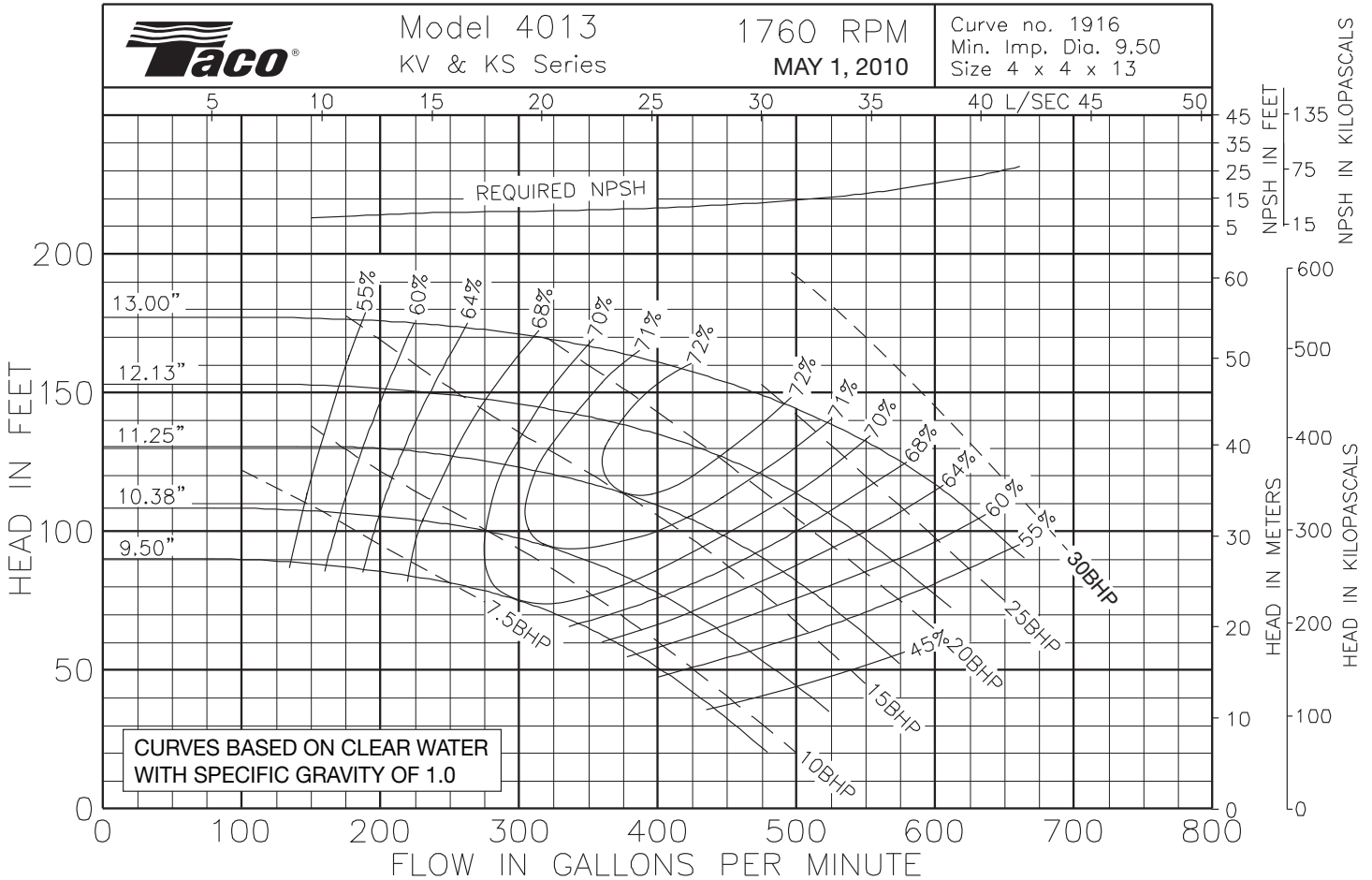
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
213JM - 215JM	416 (189)	463 (210)
254JM - 256JM	552 (250)	599 (272)
284JM - 286JM	703 (319)	750 (340)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1199

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

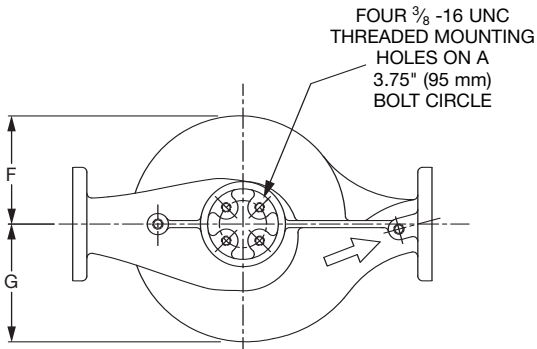
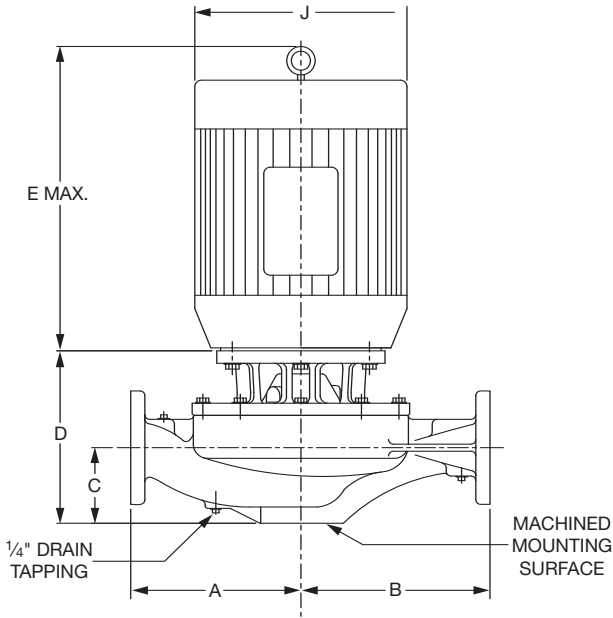
1760 RPM MODEL 4075

JOB _____ ENGINEER _____

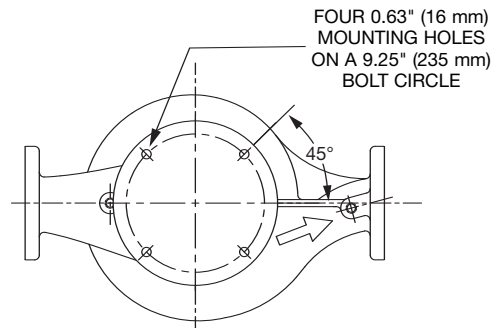
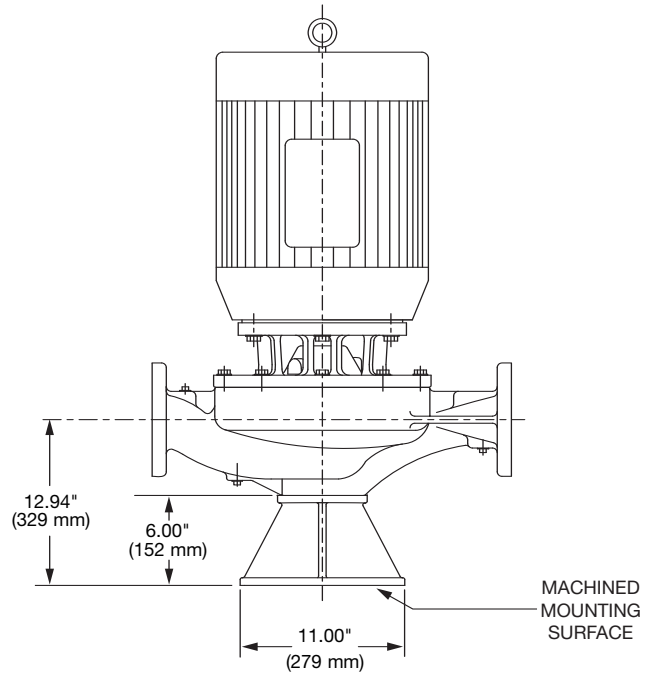
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4075	4 x 4 (102 x 102)	184JM	5	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	11.96 (303)	15.58 (396)	5.61 (142)	6.99 (177)	0.25 (6)	7.88 (200)
		213JM	7.5					11.96 (303)	16.68 (424)				9.56 (234)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

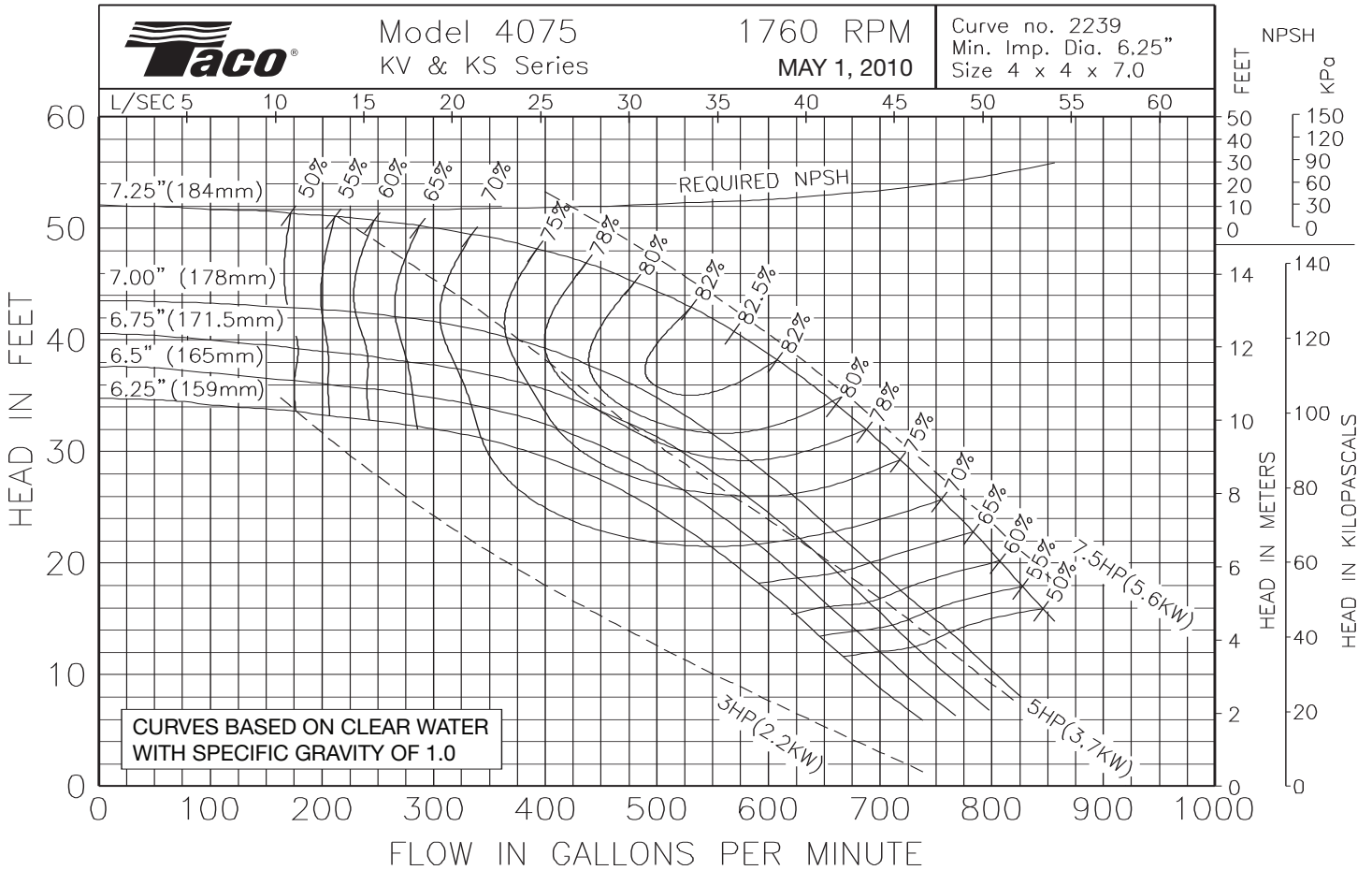
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182T - 184T	191 (87)	217 (98)
213T - 215T	221 (100)	247 (112)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1101

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

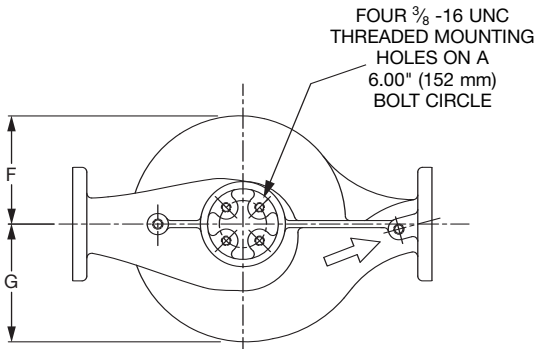
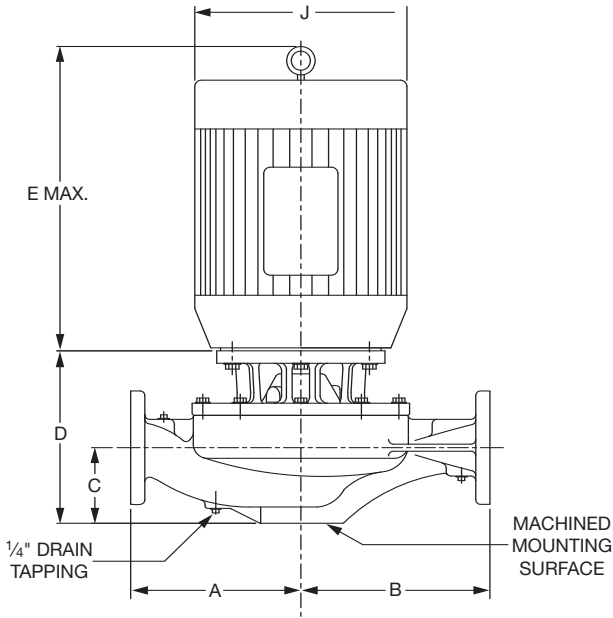
1760 RPM MODEL 5007

JOB _____ ENGINEER _____

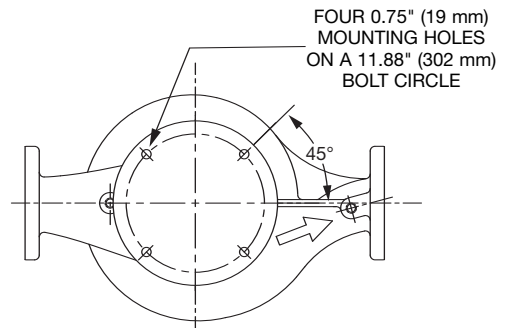
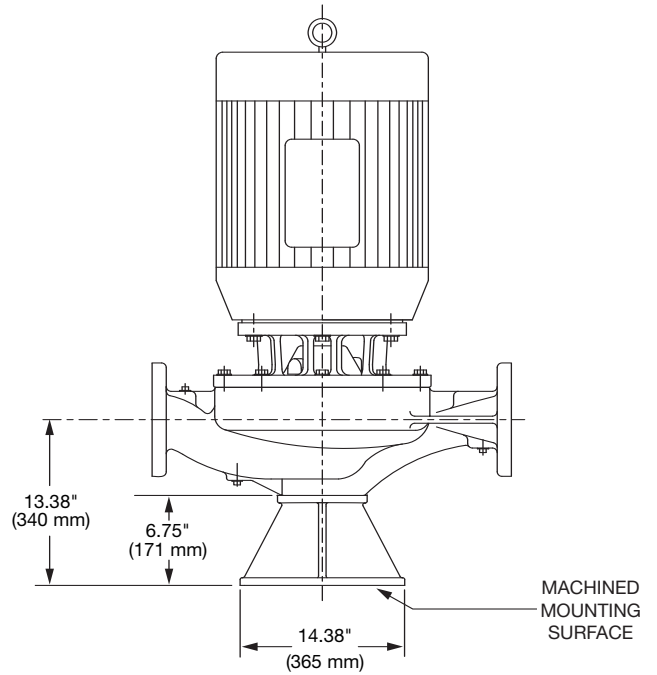
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5007	5 x 5 (127 x 127)	182JM	3	5 (127)	13.00 (330) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.63 (168)	11.58 (294)	13.94 (354)	6.42 (163)	7.91 (201)	0.25 (6)	7.88 (200)
		184JM	5					11.58 (294)	15.58 (396)				7.88 (200)
		213JM	7.5					11.76 (299)	16.68 (424)				9.56 (243)
		215JM	10					11.76 (299)	18.18 (462)				9.56 (243)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

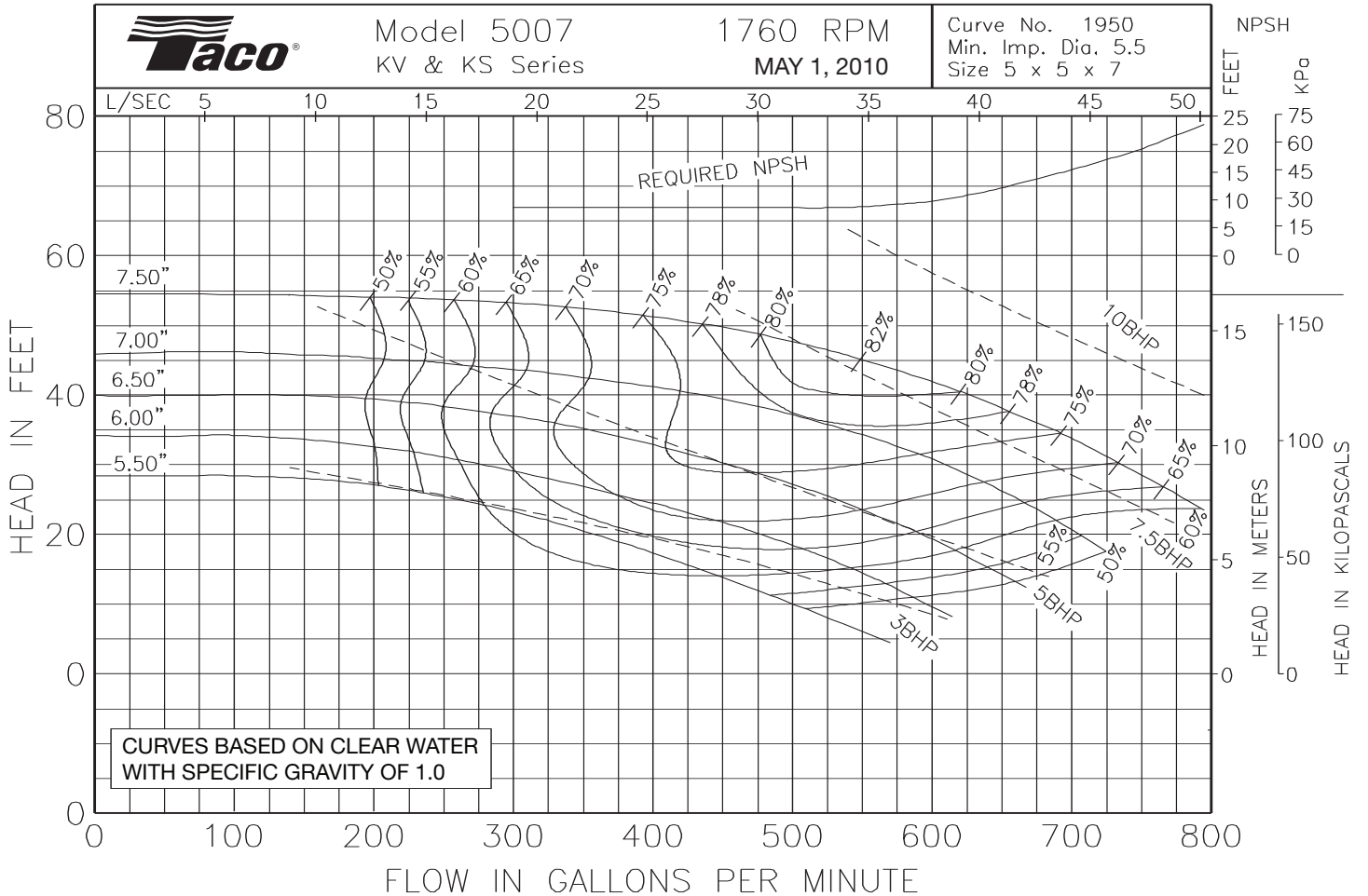
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	277 (126)	343 (156)
213JM - 215JM	346 (157)	412 (187)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1202

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 15, 2009

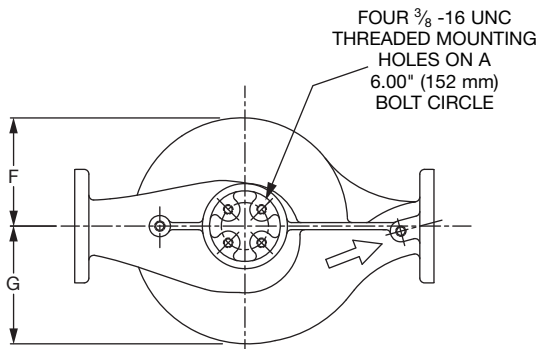
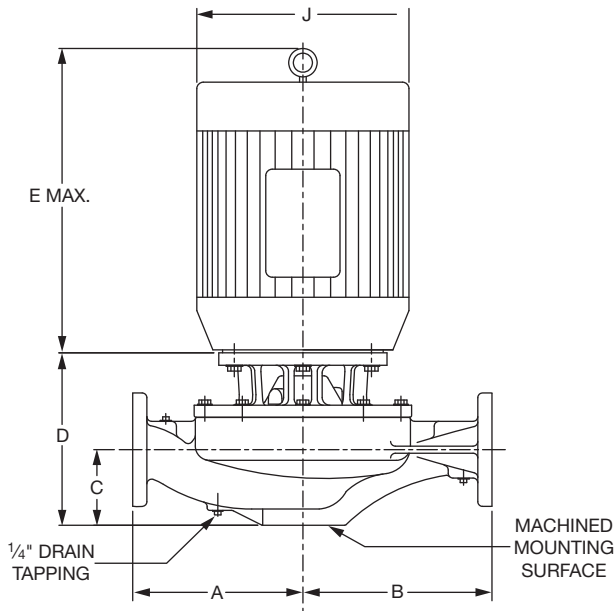
1760 RPM MODEL 5075

JOB _____ ENGINEER _____

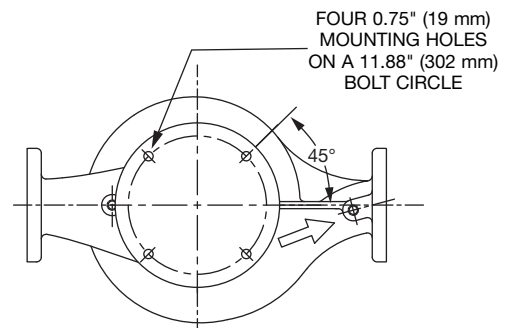
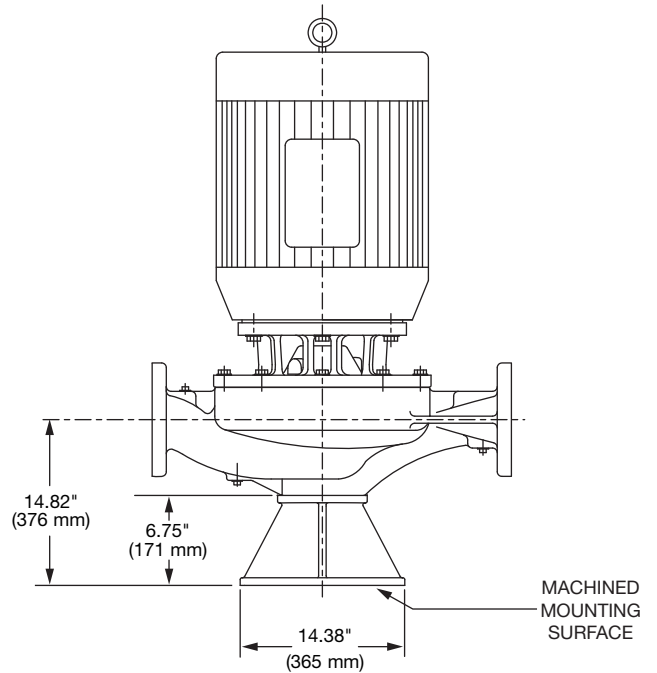
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5075	5 x 5 (127 x 127)	182JM	3	5 (127)	14.00 (355) if ANSI Class 125	11.00 (279) if ANSI Class 125	8.07 (205)	13.22 (335)	13.94 (354)	6.31 (160)	8.10 (205)	0.25 (6)	7.88 (200)
		184JM	5					13.22 (335)	15.58 (396)				7.88 (200)
		213JM	7.5					13.22 (335)	16.68 (424)				9.56 (234)
		215JM	10					13.22 (335)	18.18 (462)				9.56 (234)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

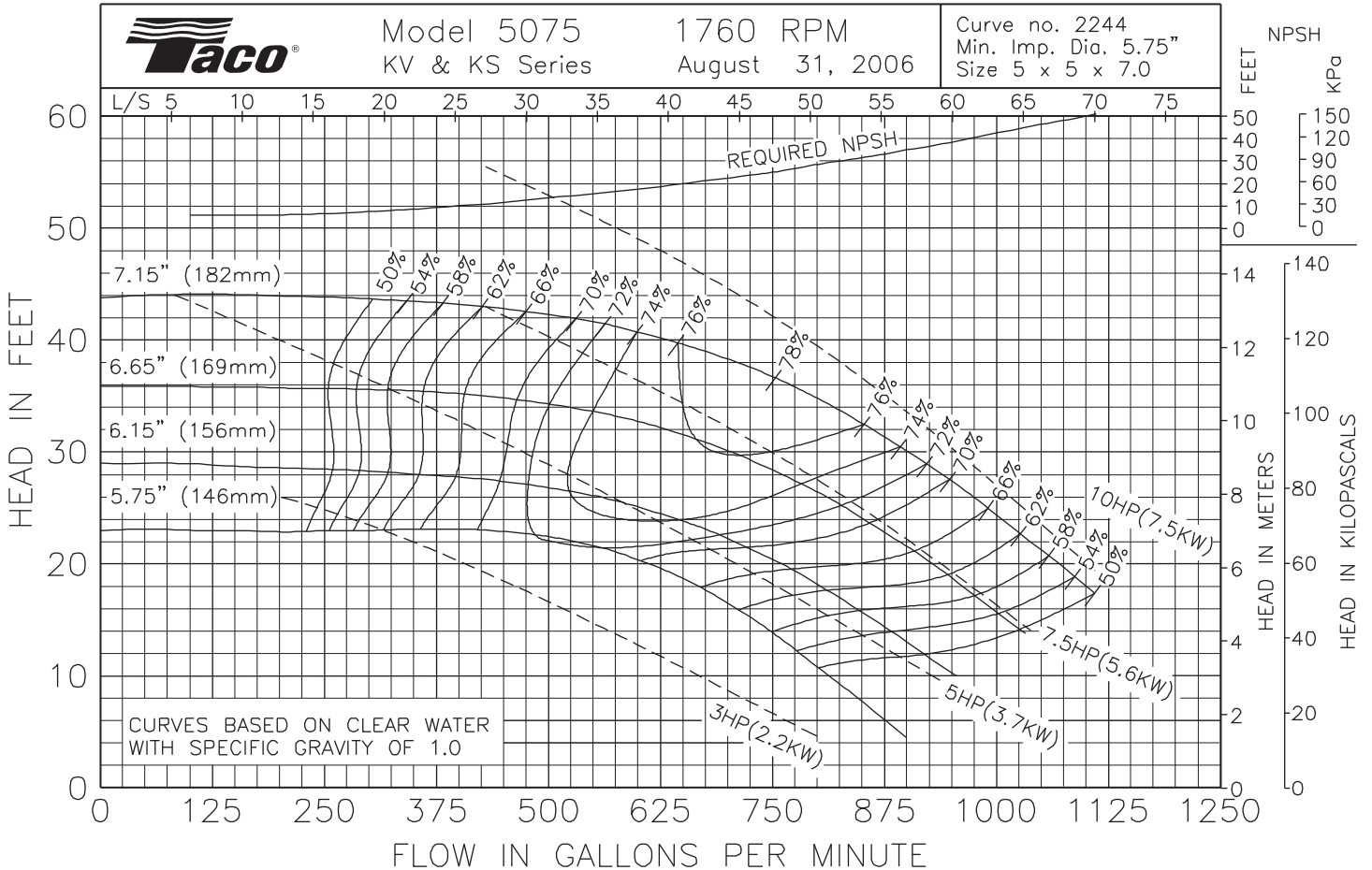
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	279 (127)	345 (156)
213JM - 215JM	349 (158)	415 (188)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1205

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

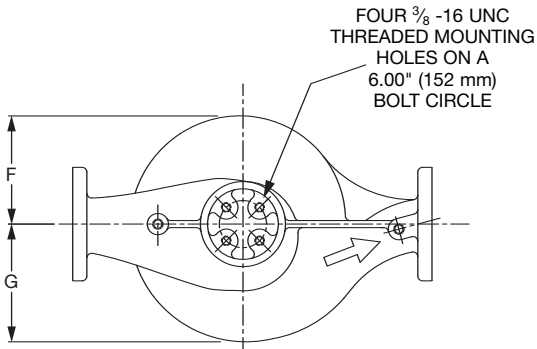
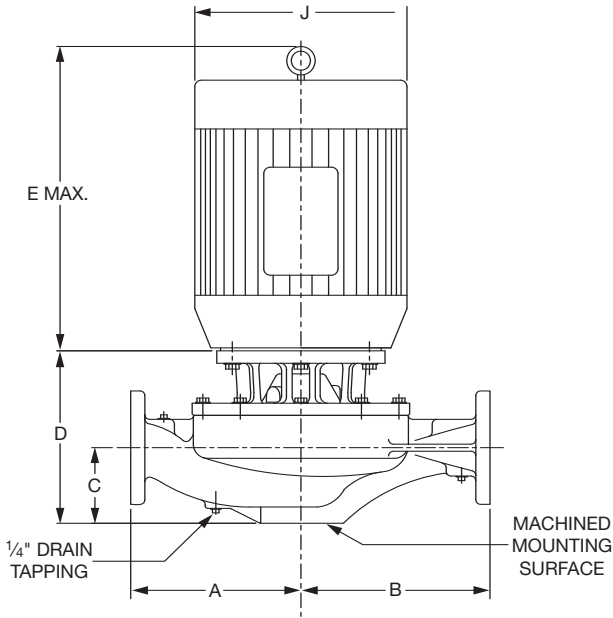
1760 RPM MODEL 5095

JOB _____ ENGINEER _____

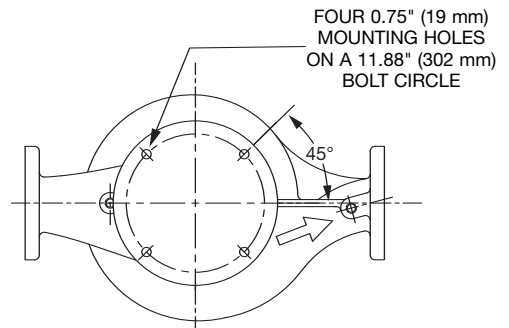
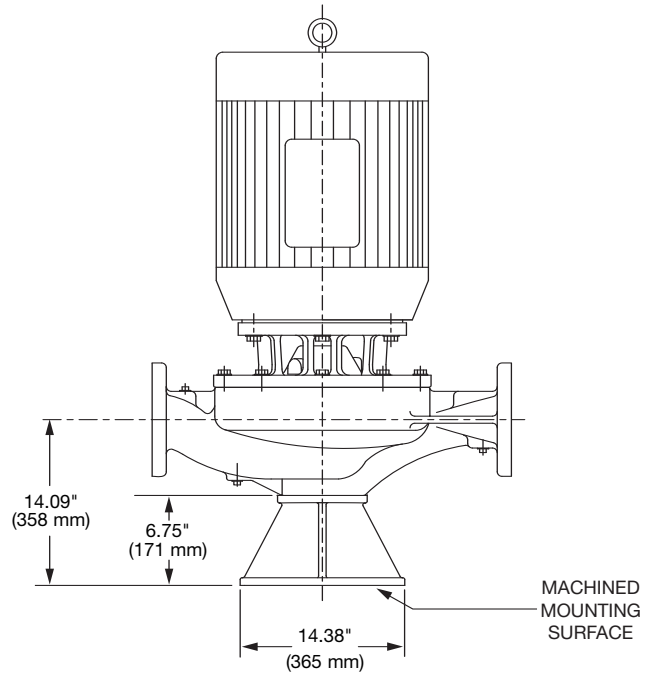
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5095	5 x 5 (127 x 127)	215JM	10	5 (127)	14.00 (355) if ANSI Class 125	11.00 (279) if ANSI Class 125	7.34 (186)	12.25 (311)	18.18 (462)	7.37 (187)	9.08 (230)	0.25 (6)	9.56 (234)
		254JM	15					12.87 (326)	17.83 (453)				12.94 (329)
		256JM	20					12.87 (326)	19.91 (506)				12.94 (329)
		284JM	25					12.87 (326)	23.39 (594)				15.29 (388)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

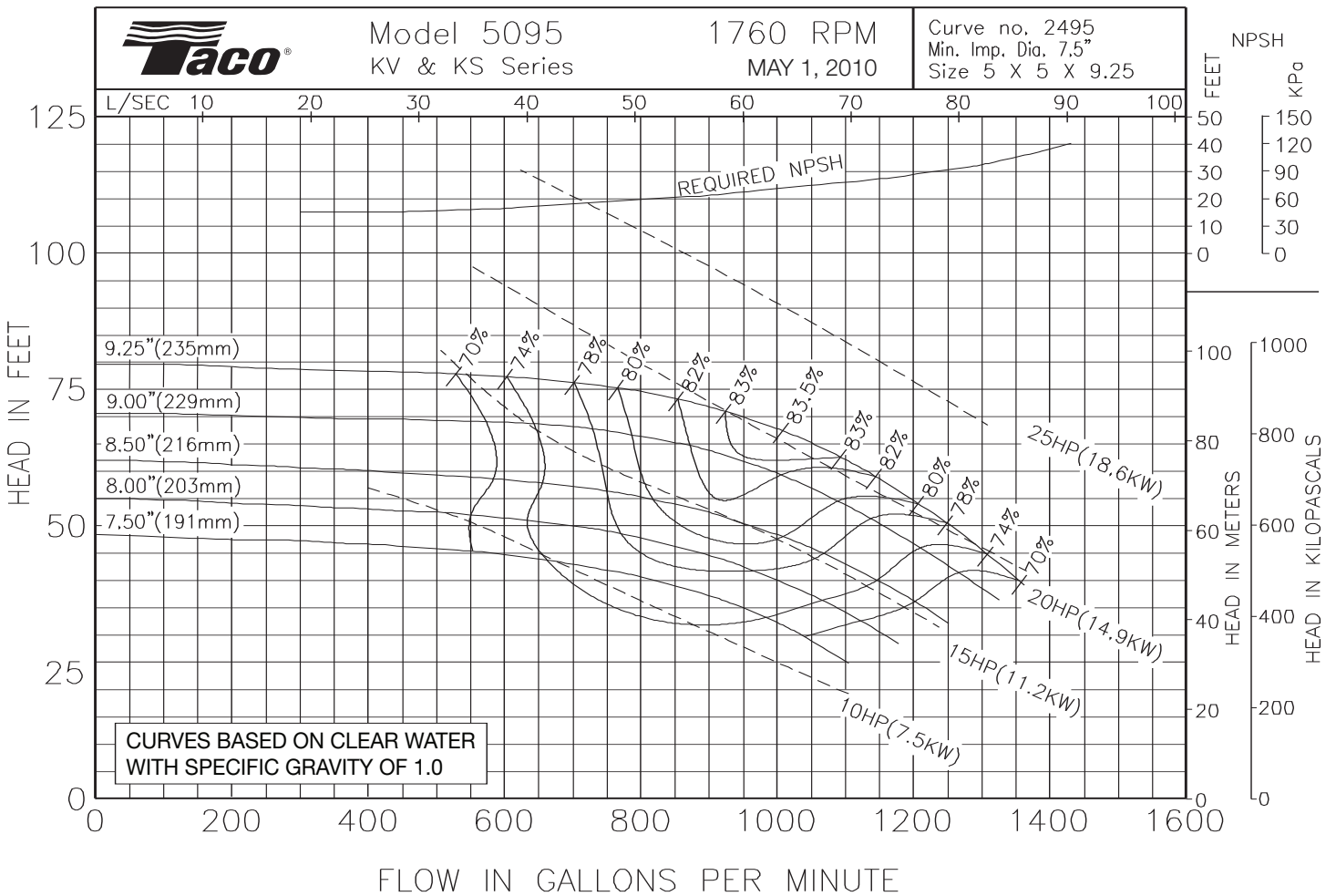
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
213JM - 215JM	399 (181)	465 (211)
254JM - 256JM	535 (243)	601 (273)
284JM - 286JM	642 (291)	708 (321)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1057

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

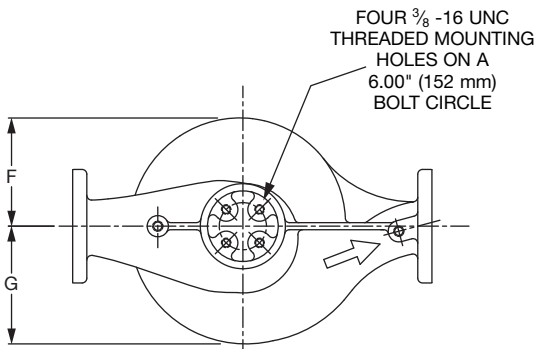
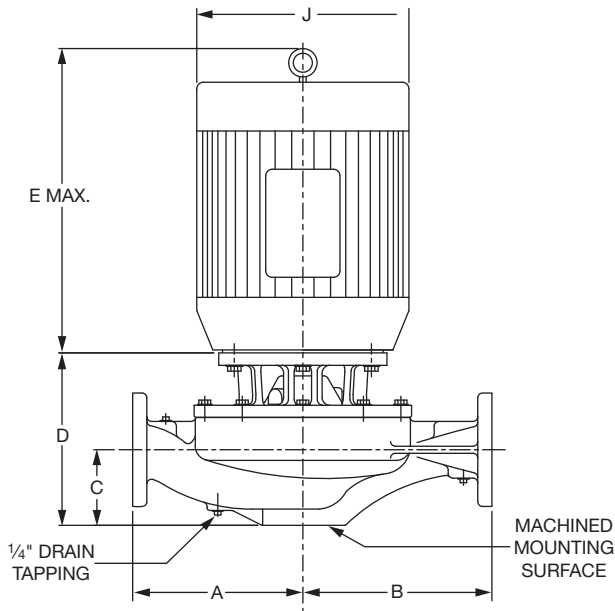
1760 RPM MODEL 6009

JOB _____ ENGINEER _____

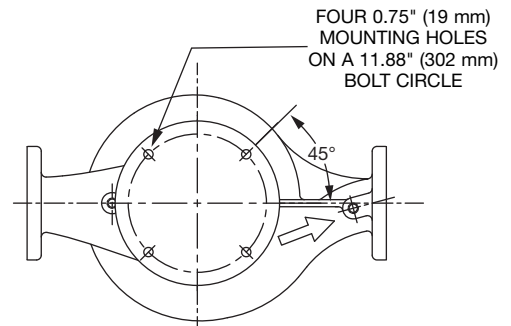
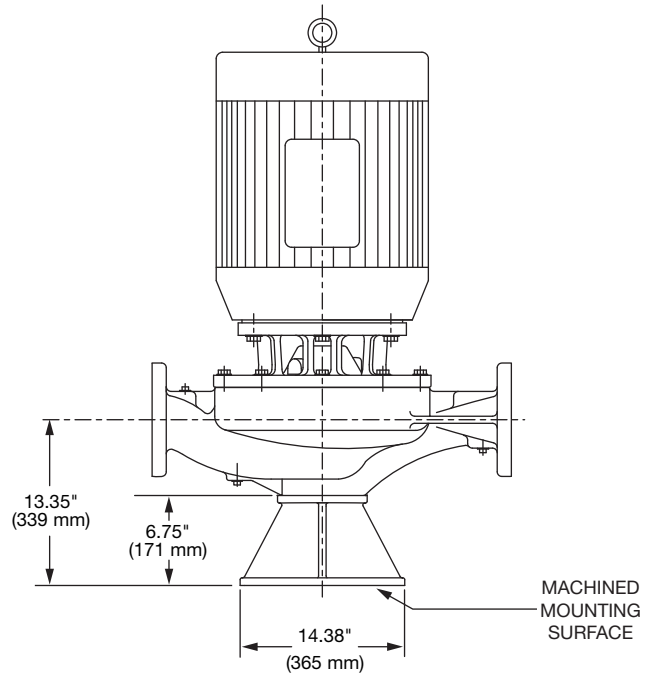
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6009	6 x 6 (152 x 152)	184JM	5	6 (152)	13.50 (343) if ANSI Class 125	15.50 (394) if ANSI Class 125	6.60 (168)	11.44 (291)	15.58 (396)	7.62 (194)	9.31 (236)	0.25 (6)	7.88 (200)
		213JM	7.5					11.44 (291)	16.68 (424)				9.56 (243)
		215JM	10					11.44 (291)	18.18 (462)				9.56 (243)
		254JM	15					12.63 (306)	17.83 (453)				12.94 (329)
		256JM	20					12.63 (306)	19.91 (506)				12.94 (329)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

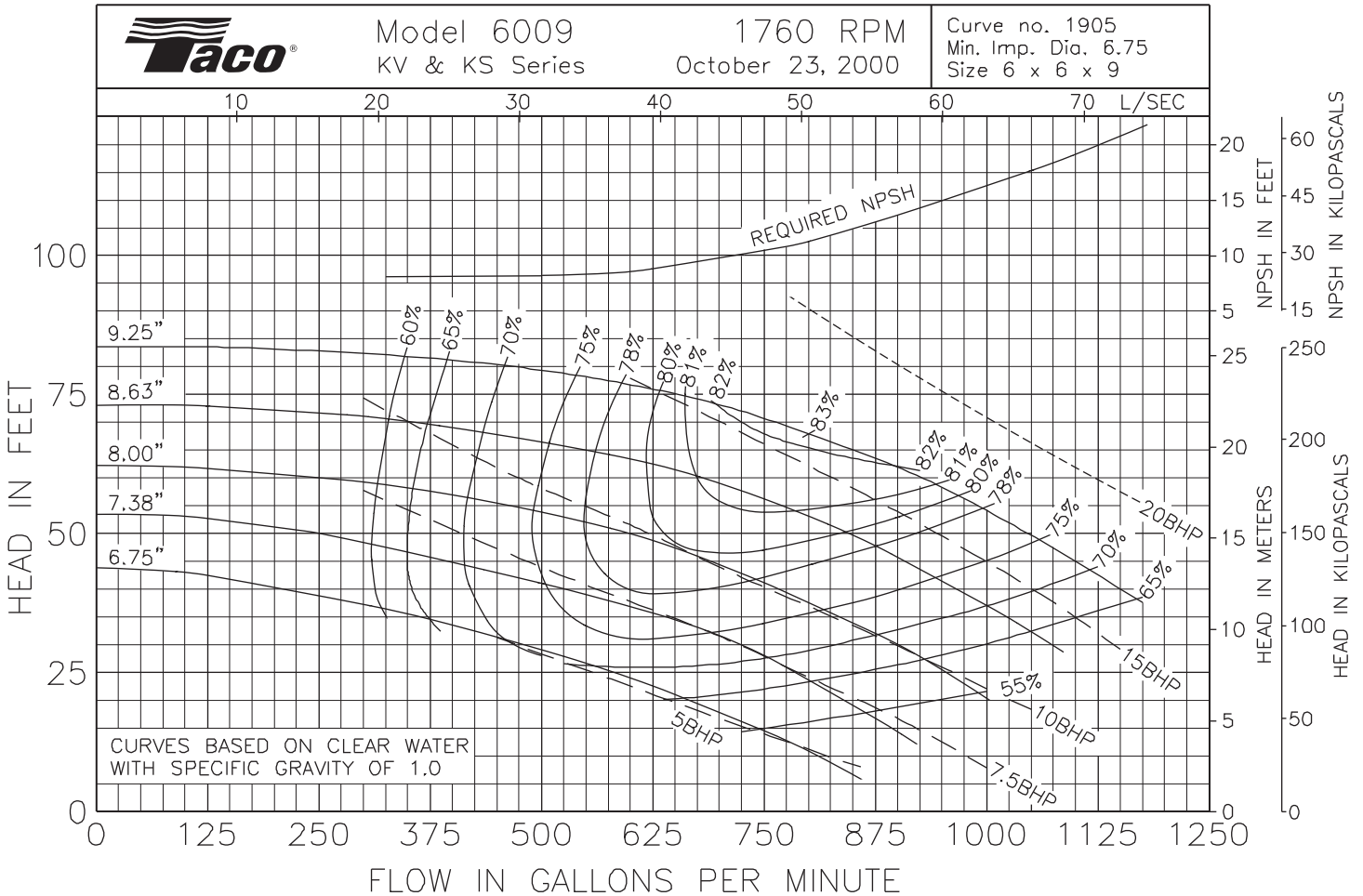
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
182JM - 184JM	344 (156)	410 (186)
213JM - 215JM	406 (184)	472 (214)
254JM - 256JM	549 (249)	615 (279)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1058

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

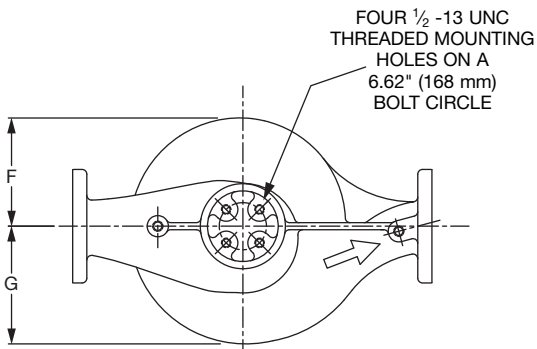
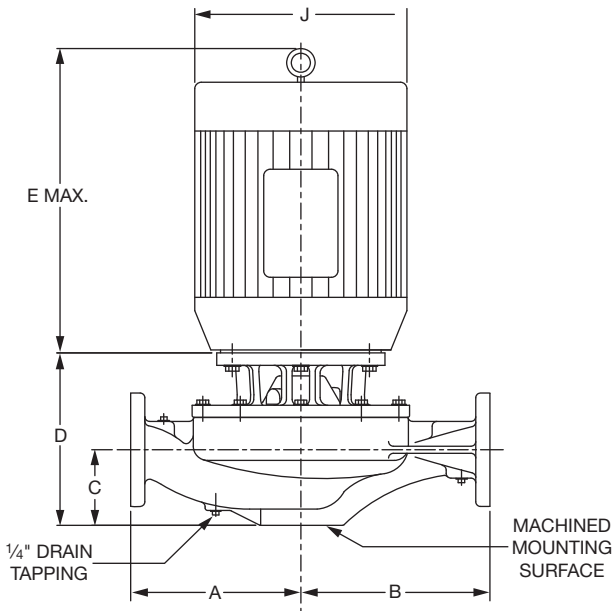
1760 RPM MODEL 6011

JOB _____ ENGINEER _____

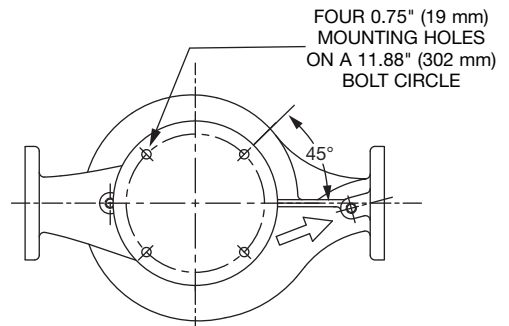
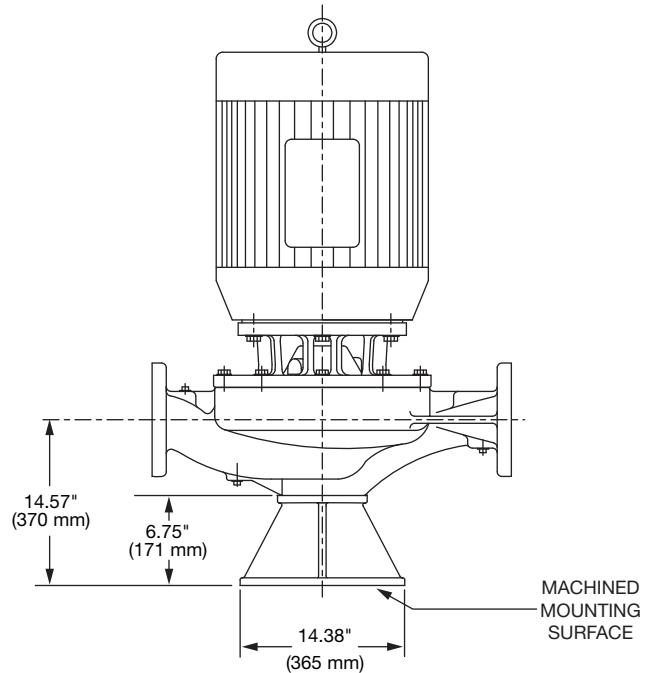
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6011	6 x 6 (152 x 152)	215JM	10	6 (152)	16.00 (406) if ANSI Class 125	17.50 (445) if ANSI Class 125	7.82 (199)	12.68 (322)	18.18 (462)	8.61 (219)	10.25 (260)	0.25 (6)	9.56 (234)
		254JM	15					13.33 (338)	17.83 (453)				12.94 (329)
		256JM	20					13.33 (338)	19.91 (506)				12.94 (329)
		284JM	25					13.33 (338)	23.39 (594)				15.29 (388)
		286JM	30					13.33 (338)	23.39 (594)				15.29 (388)
		324JM	40					13.33 (338)	25.28 (642)				17.85 (453)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

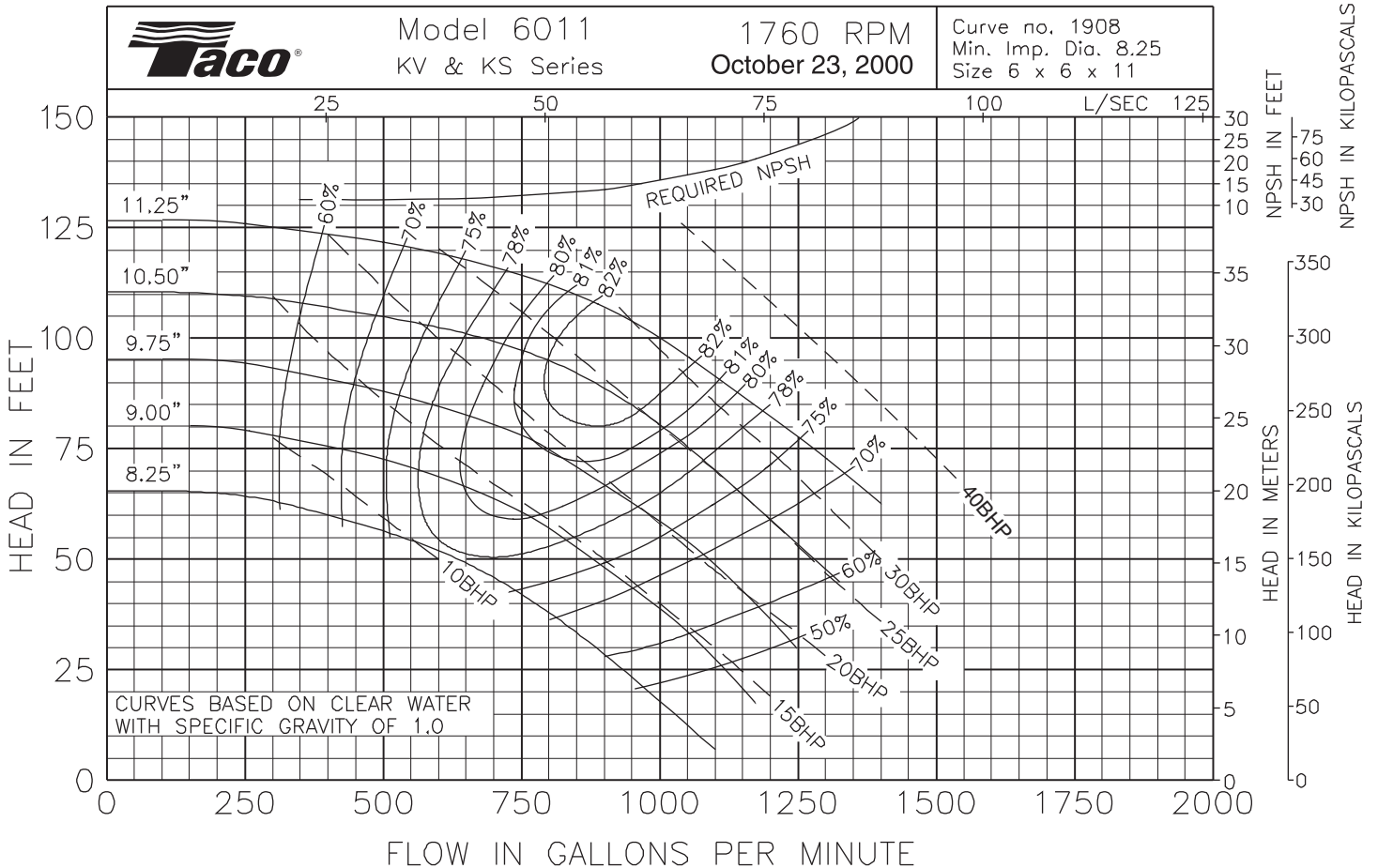
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
213JM - 215JM	560 (254)	626 (284)
254JM - 256JM	600 (272)	666 (302)
284JM - 286JM	751 (341)	817 (371)
324JM - 326JM	874 (396)	940 (426)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1062

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

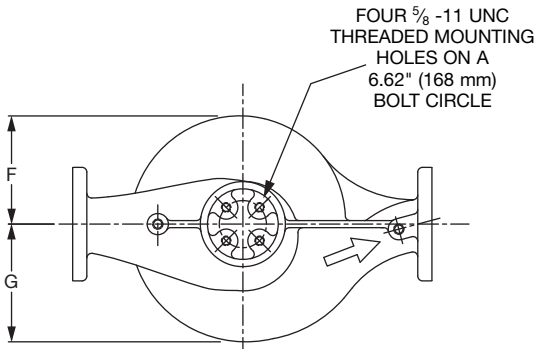
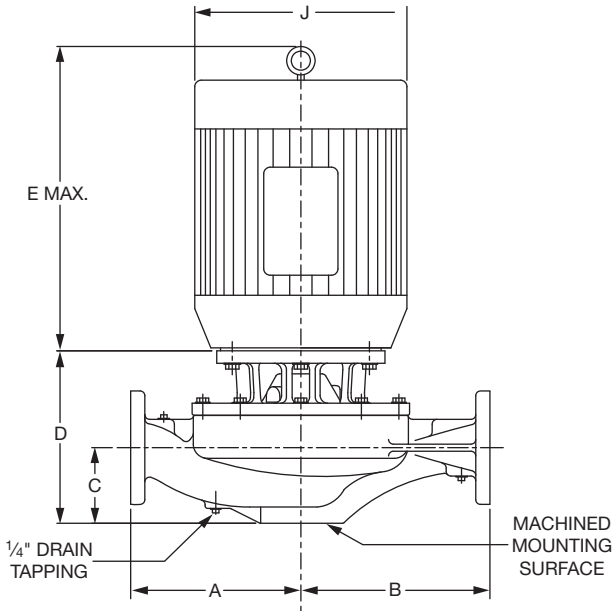
1760 RPM MODEL 6013

JOB _____ ENGINEER _____

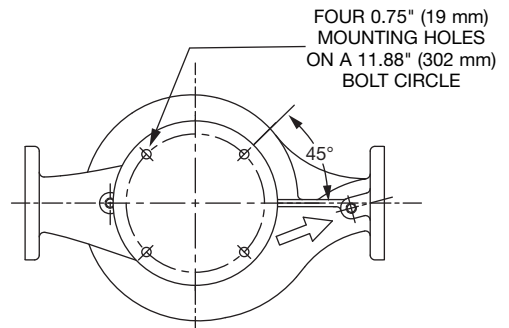
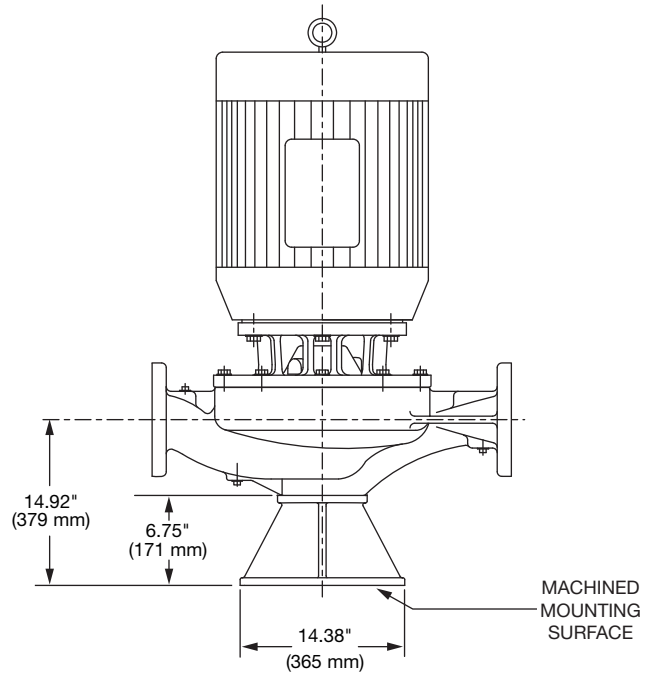
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6013	6 x 6 (152 x 152)	254JM	15	6 (152)	17.00 (432) if ANSI Class 125	17.00 (432) if ANSI Class 125	8.17 (208)	13.98 (355)	17.83 (453)	9.30 (236)	11.48 (292)	0.25 (6)	12.94 (329)
		256JM	20					13.98 (355)	19.91 (506)				12.94 (329)
		284JM	25					13.98 (355)	23.39 (594)				15.29 (388)
		286JM	30		17.32 (440) if ANSI Class 250	17.32 (440) if ANSI Class 250		13.98 (355)	23.39 (594)				15.29 (388)
		324JM	40**		13.98 (355)	25.28 (642)		17.85 (453)					
		326JM	50**		13.98 (355)	25.28 (642)		17.85 (453)					
		364JM	60**		13.98 (355)	27.21 (691)		19.25 (489)					

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	
	Standard Pump Construction	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	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

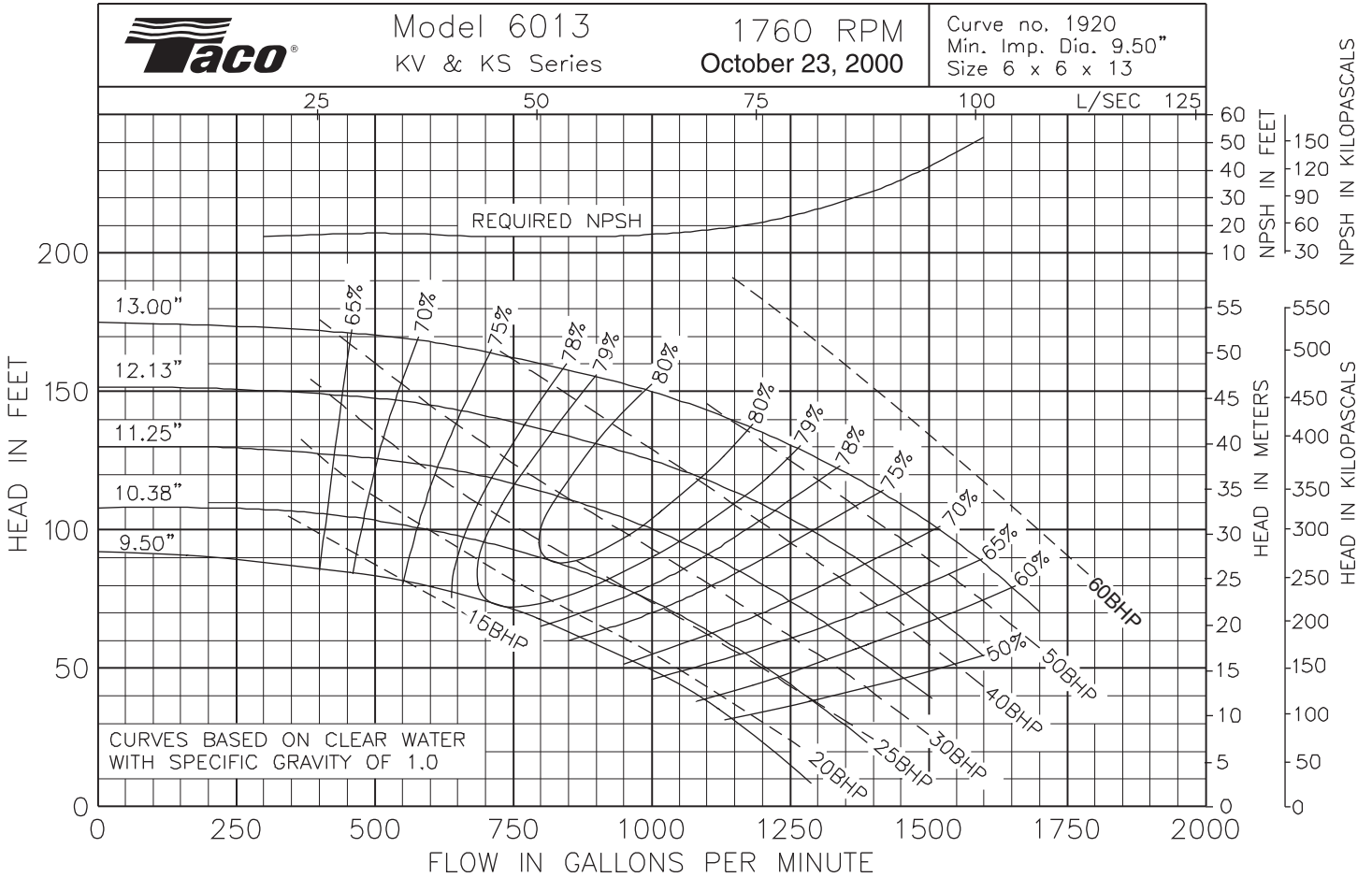
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
254JM - 256JM	670 (304)	736 (334)
284JM - 286JM	821 (372)	887 (402)
324JM - 326JM	965 (438)	1031 (468)
364JM - 365JM	1137 (516)	1203 (546)



Comments:

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1059

EFFECTIVE: MARCH 20, 2014

SUPERSEDES: JANUARY 8, 2010

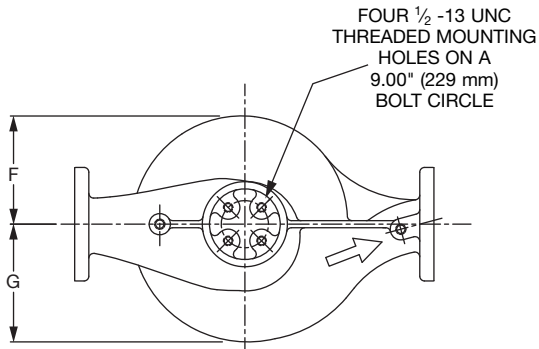
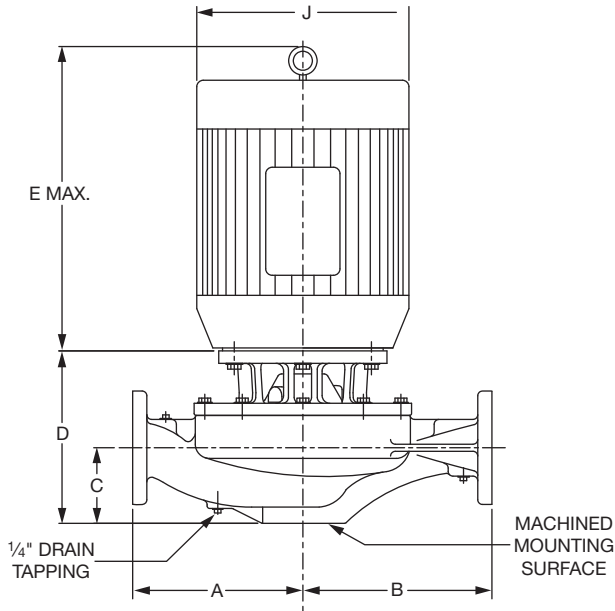
1760 RPM MODEL 8011

JOB _____ ENGINEER _____

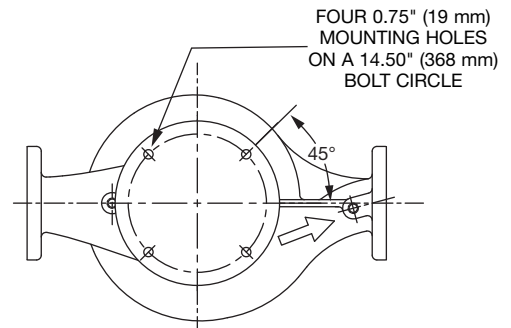
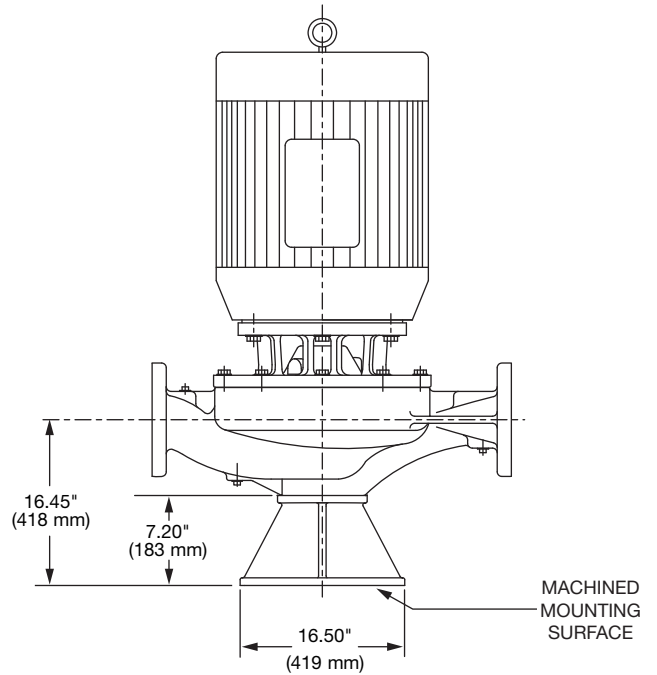
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
8011	8 x 8 (203 x 203)	256JM	20	8 (203)	20.00 (508) if ANSI Class 125	19.50 (495) if ANSI Class 125	9.25 (235)	15.44 (392)	19.91 (506)	9.57 (243)	12.75 (324)	0.25 (6)	12.94 (329)
		284JM	25					15.44 (392)	23.39 (594)				15.29 (388)
		286JM	30					15.44 (392)	23.39 (594)				15.29 (388)
		324JM	40					15.44 (392)	25.28 (642)				17.85 (453)
		326JM	50					15.44 (392)	25.28 (642)				17.85 (453)

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	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	Cast Iron ASTM A48 Class 30A	N/A
Impeller	Bronze ASTM B584-836	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

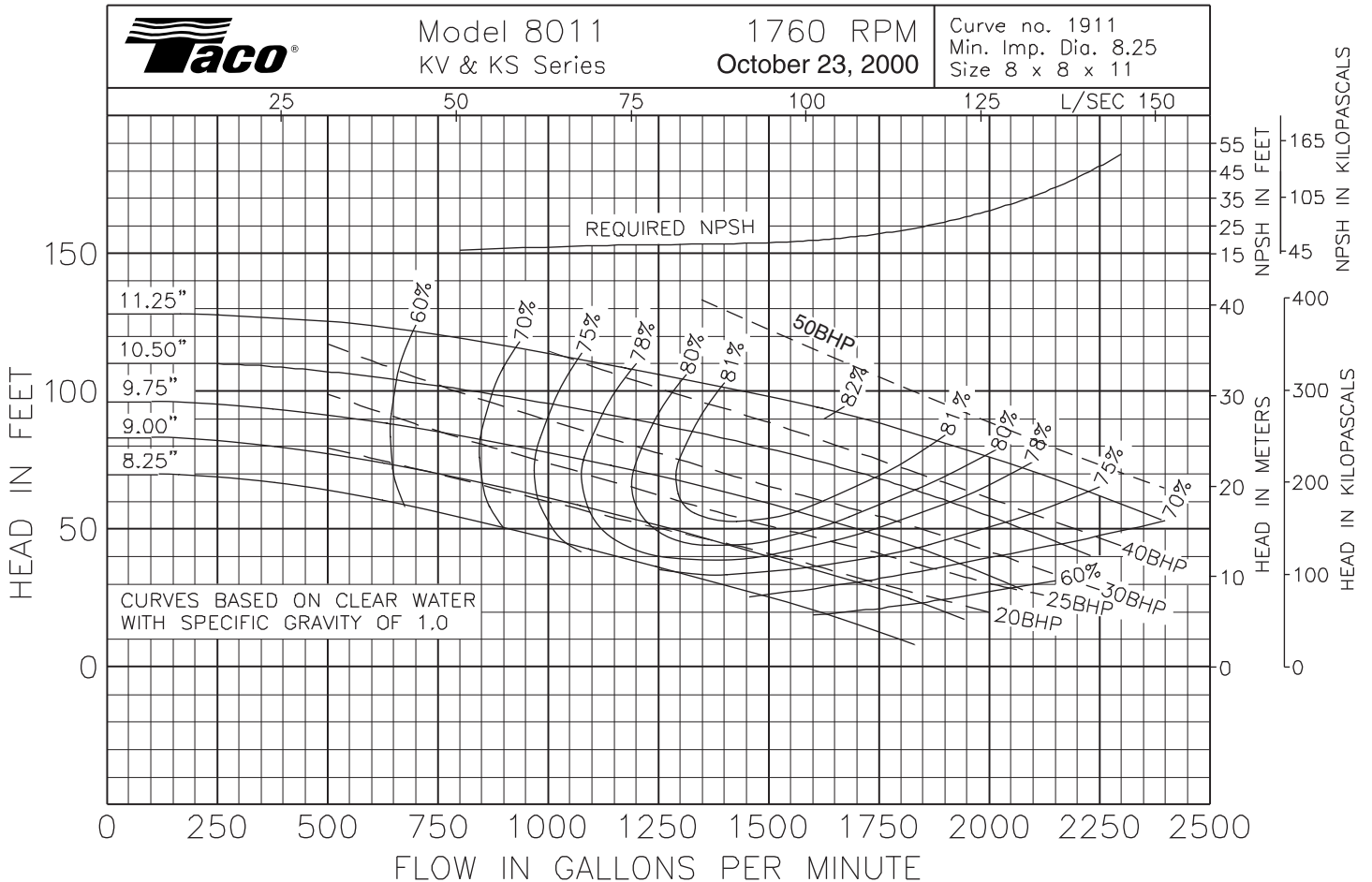
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
254JM - 256JM	745 (338)	845 (383)
284JM - 286JM	905 (411)	1005 (456)
324JM - 326JM	1049 (476)	1149 (521)



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.
 Visit our web site at: <http://www.taco-hvac.com>

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Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1063

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

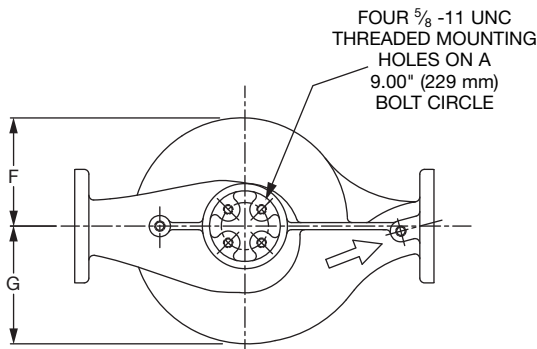
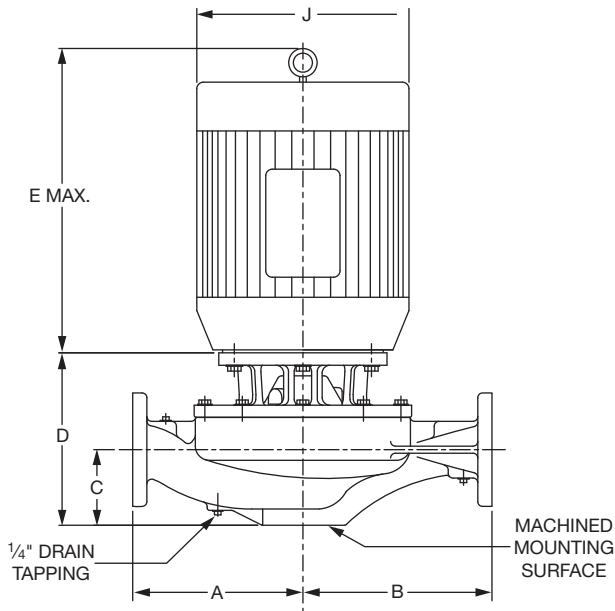
1760 RPM MODEL 8013

JOB _____ ENGINEER _____

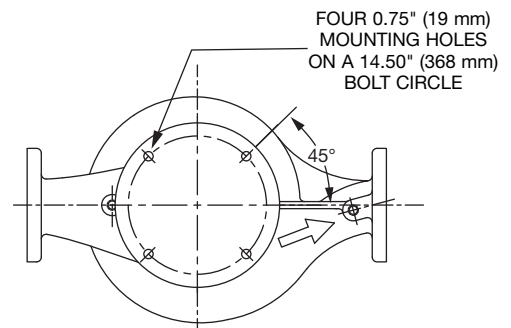
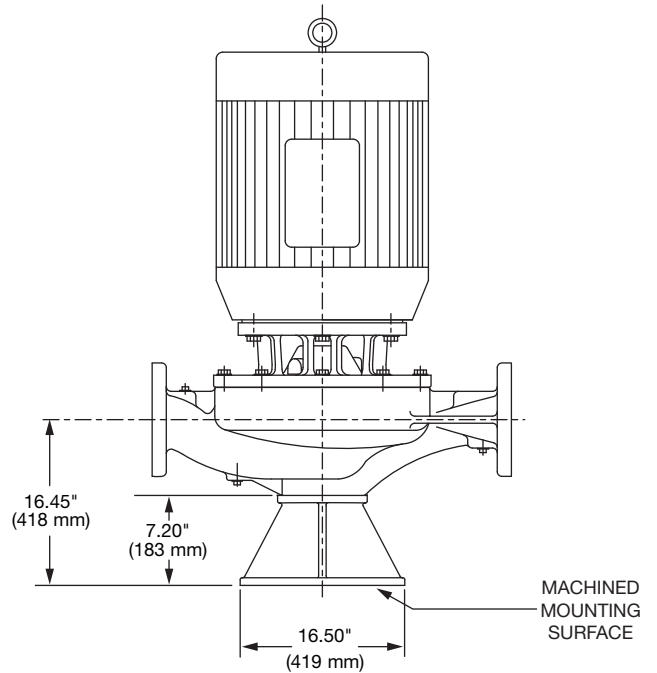
CONTRACTOR _____ REP. _____

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



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
8013	8 x 8 (203 x 203)	286JM	30	8 (203)	20.00 (508) if ANSI Class 125	21.00 (533) if ANSI Class 125	9.25 (235)	15.29 (388)	23.39 (594)	10.44 (265)	13.40 (340)	0.25 (6)	15.29 (388)
		324JM	40**					15.29 (388)	25.28 (642)				17.85 (453)
		326JM	50**					15.29 (388)	25.28 (642)				17.85 (453)
		364JM	60**					15.29 (388)	27.21 (691)				19.25 (489)

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	
	Standard Pump Construction	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	CF	Cast Iron ASTM A48 Class 30A	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A
Shaft	Carbon Steel	St. Steel AISI 416 ASTM A582	Carbon Steel	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	CF
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / EPT	Ceramic / EPT	Tungsten Carbide / EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF
Support Stand	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

CF - Consult Factory

N/A - Not Available

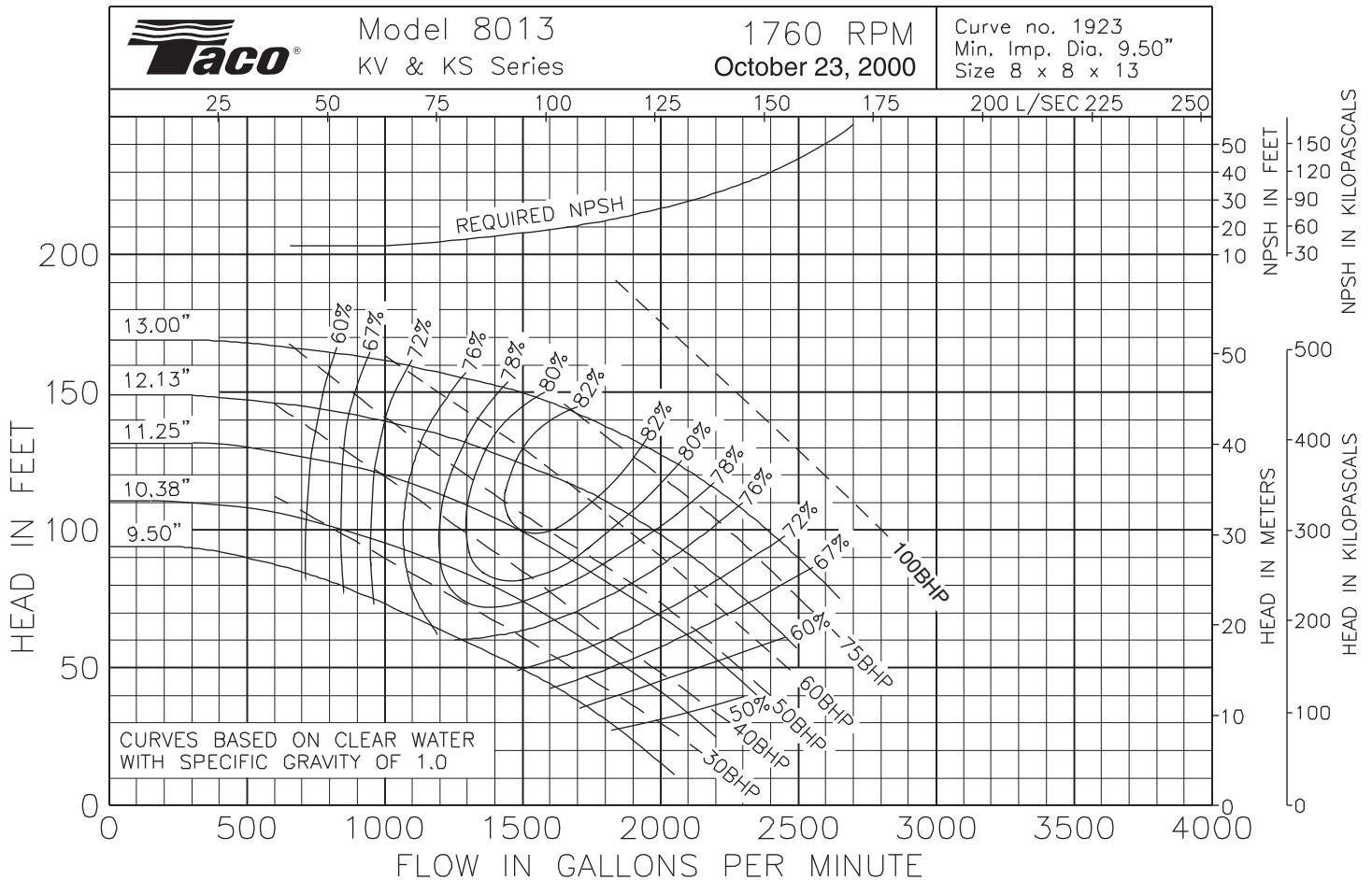
OPERATING SPECIFICATIONS

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

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 without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
284JM - 286JM	1058 (480)	1158 (525)
324JM - 326JM	1202 (545)	1302 (591)
364JM - 365JM	1374 (623)	1474 (669)



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