



# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1083

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

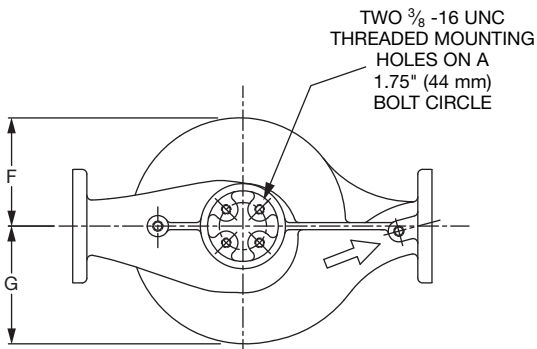
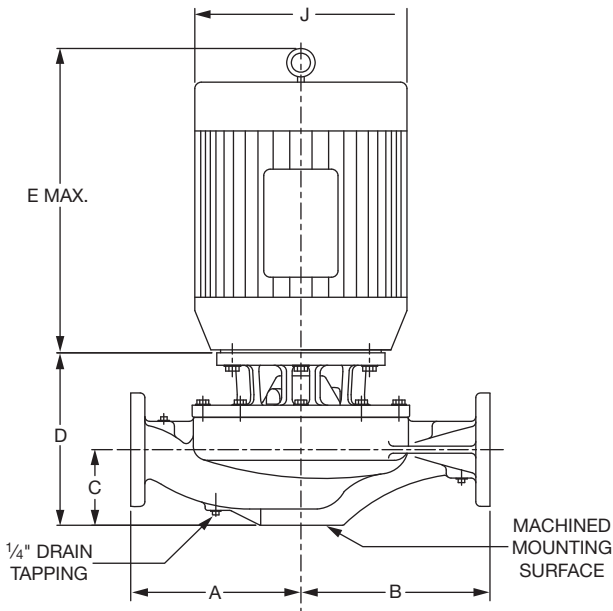
1160 RPM MODEL 1507

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

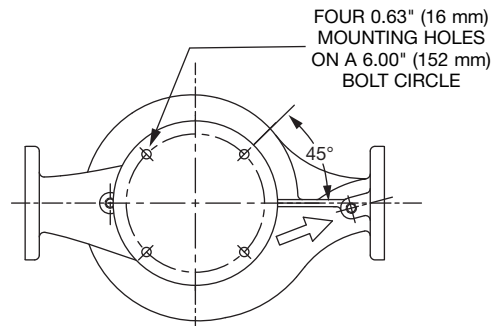
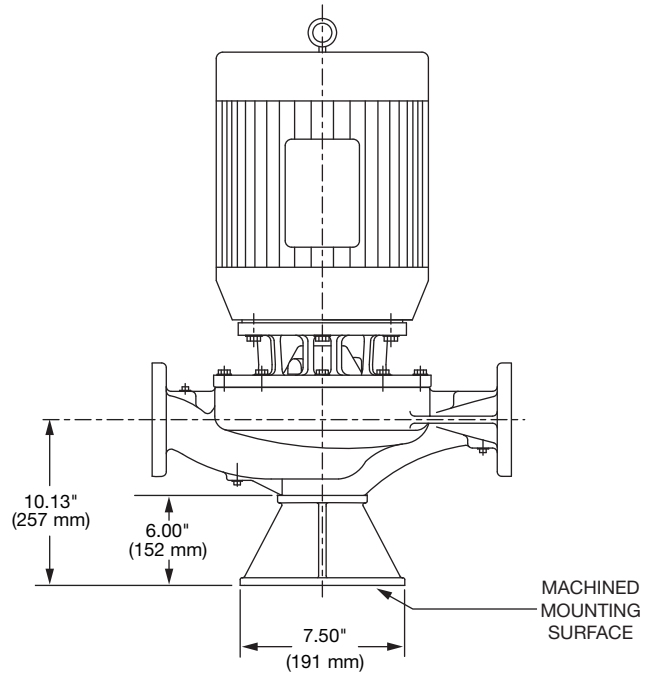
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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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 1160 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	0.75	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)

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

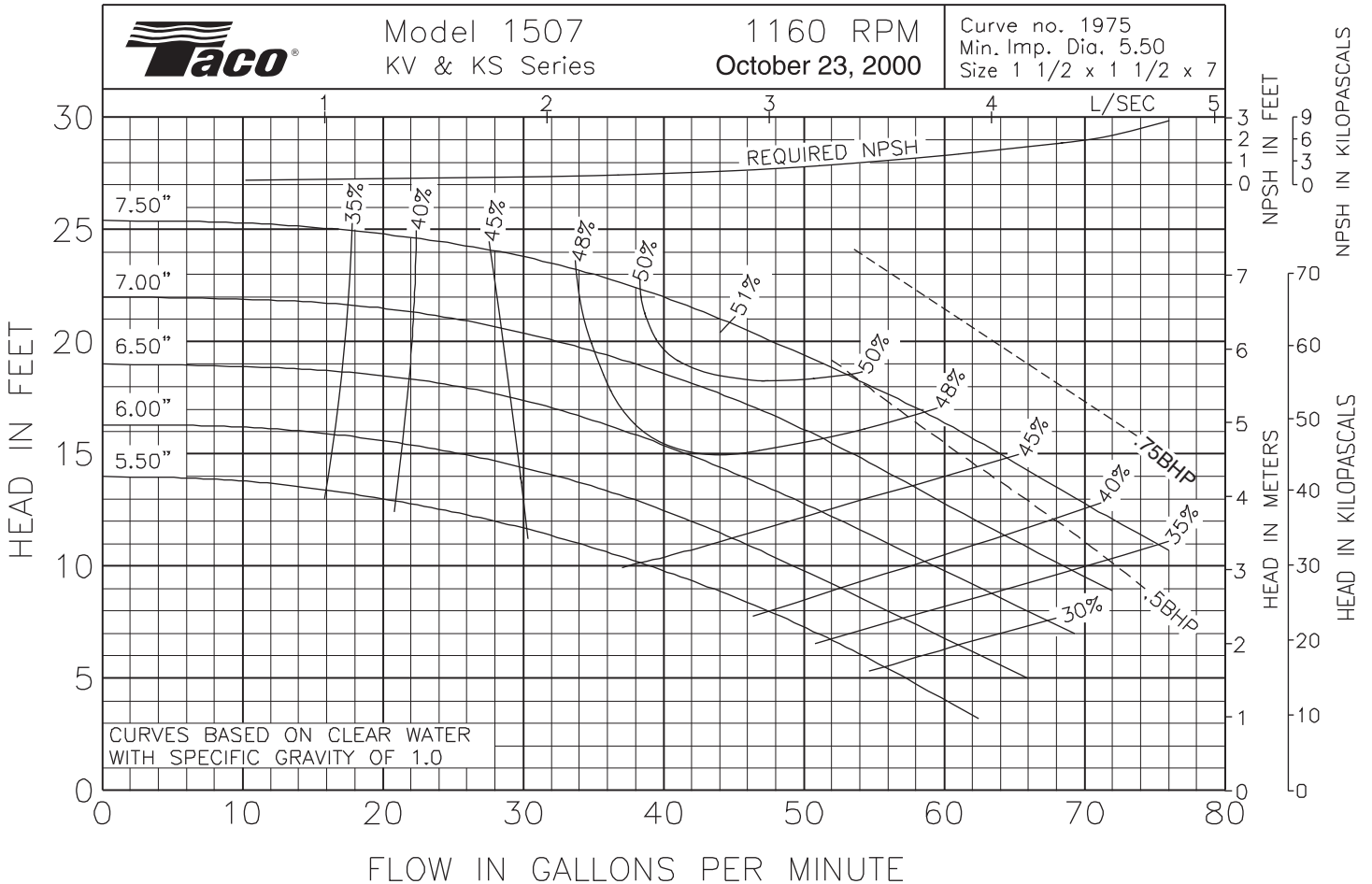
**OPERATING SPECIFICATIONS**

	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	105 (48)	115 (52)



Comments:

**Do it Once. Do it Right.®**

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1121

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

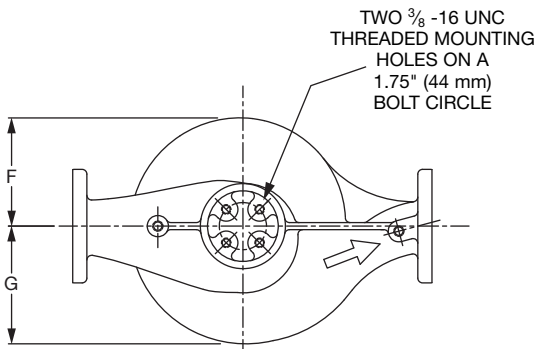
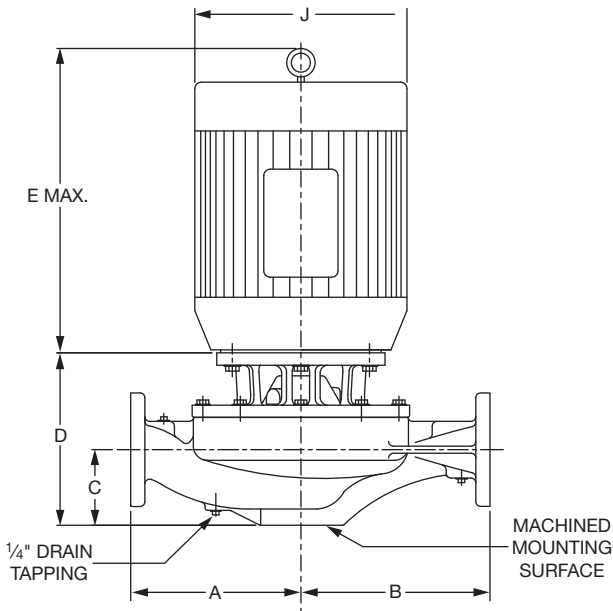
1160 RPM MODEL 1509

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

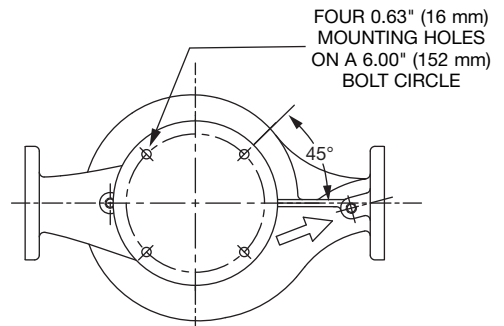
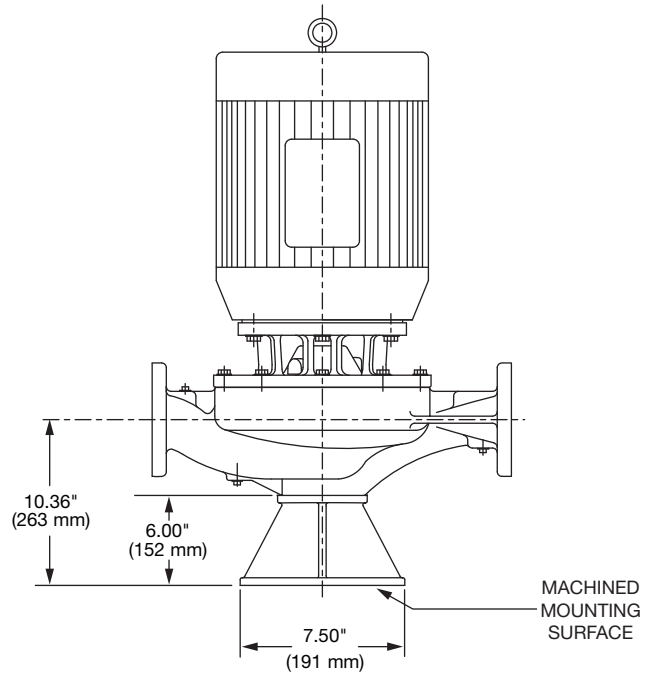
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 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)	143JM	0.75	1.5  (38)	8.00 (203) if ANSI Class 125	8.00 (203) if ANSI Class 125	4.36  (111)	9.19 (233)	12.06 (306)	5.72  (145)	6.22  (158)	0.25  (6)	6.62 (168)
		145JM	1					9.19 (233)	13.43 (341)				6.62 (168)
		182JM	1.5					9.19 (233)	13.94 (354)				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

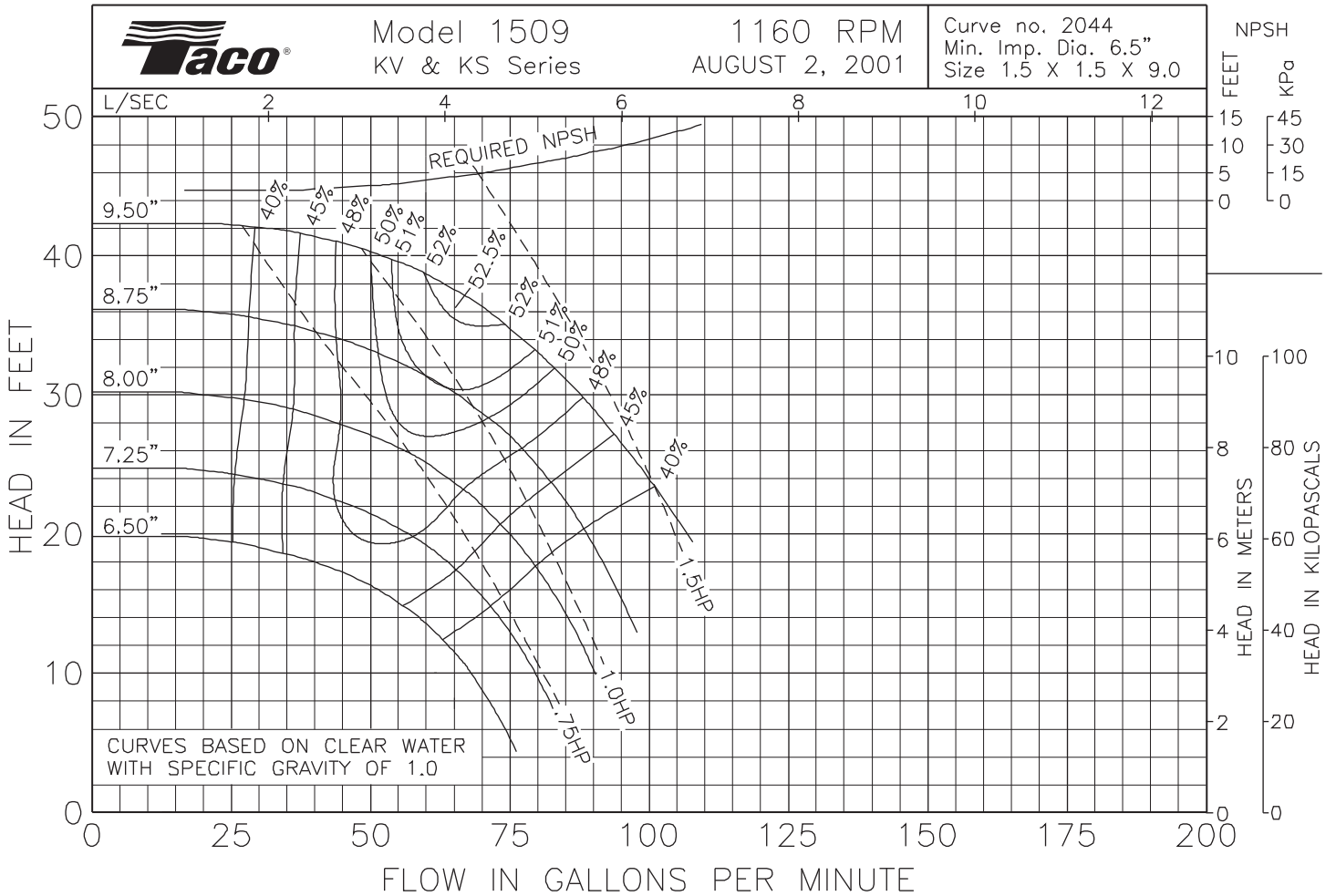
**OPERATING SPECIFICATIONS**

	Standard		Optional
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	163 (74)	173 (78)
182JM - 184JM	192 (87)	202 (92)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1084

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

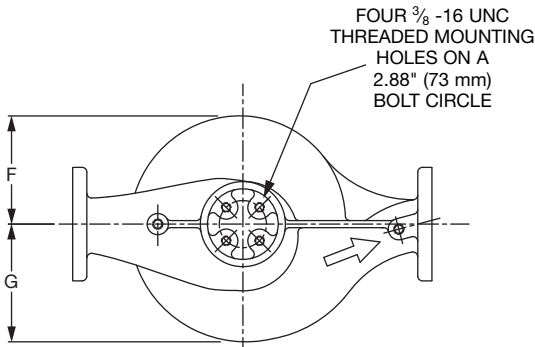
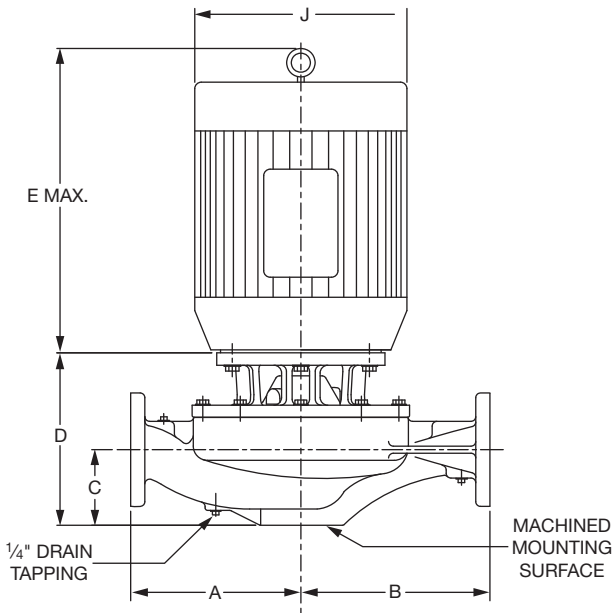
1160 RPM MODEL 2007

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

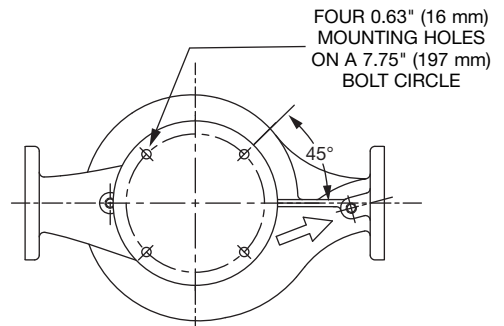
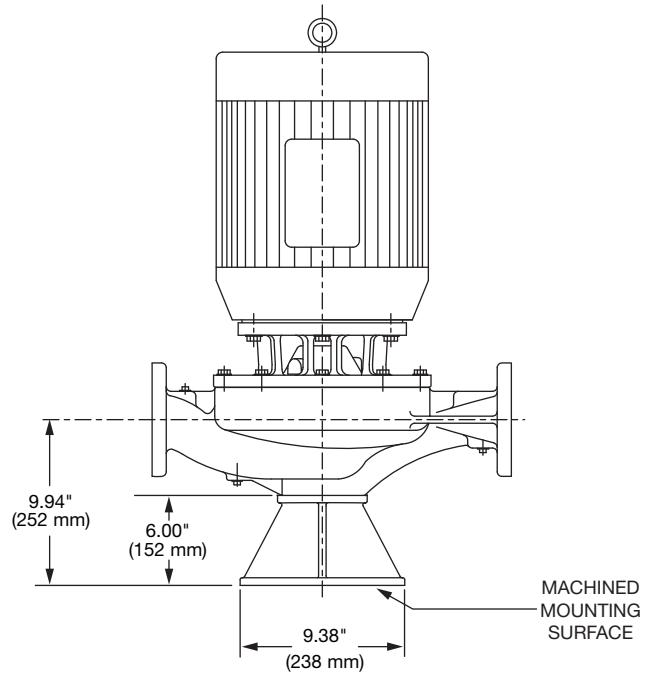
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA	
2007	2 x 2 (51 x 51)	143JM	0.75	2  (51)	8.50 (216) if ANSI Class 125	8.50 (216) if ANSI Class 125	3.94	8.27 (210)	12.06 (306)	4.88	5.45	0.25	6.62 (168)	
		145JM	1					8.27 (210)	13.43 (341)				6.62 (168)	
					8.76 (223) if ANSI Class 250	8.76 (223) if ANSI Class 250	(100)			(124)	(138)	(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

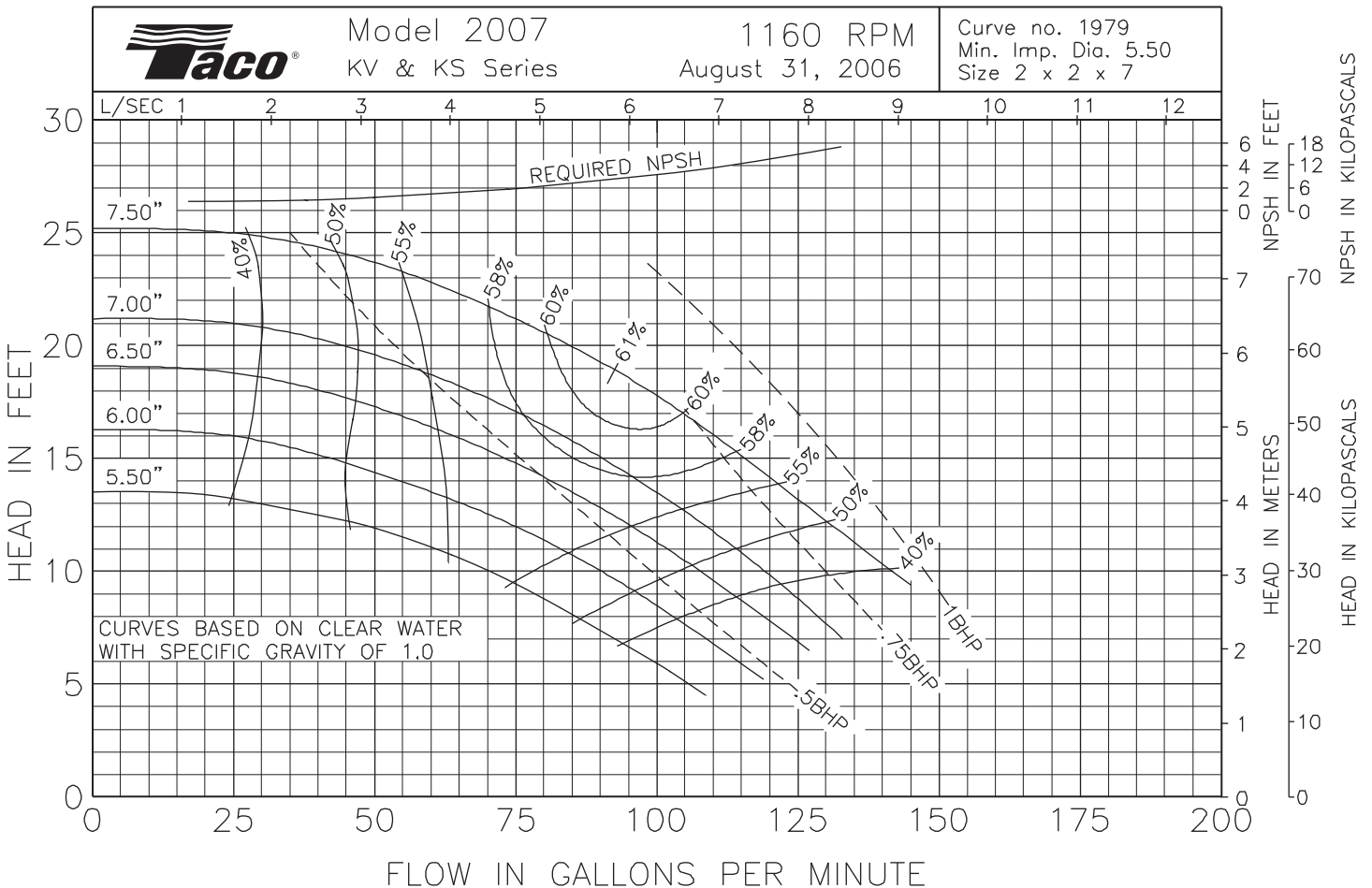
**OPERATING SPECIFICATIONS**

	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	116 (53)	135 (61)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1088

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

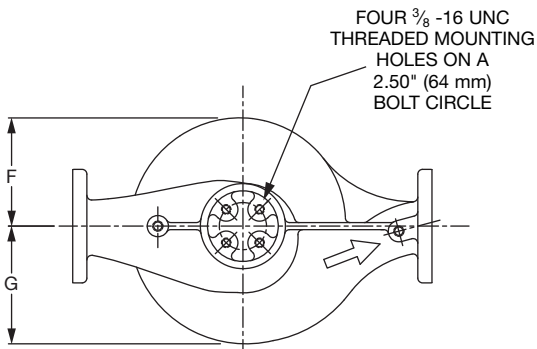
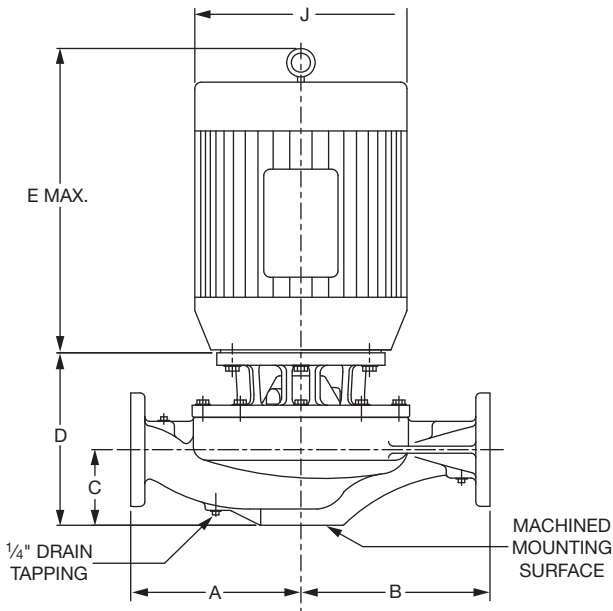
1160 RPM MODEL 2009

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

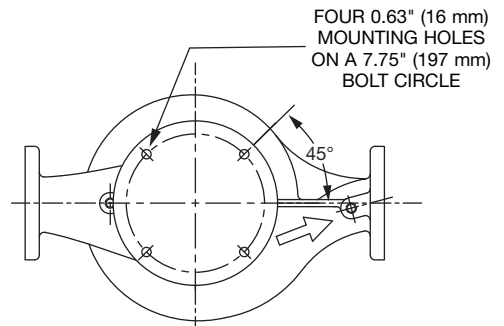
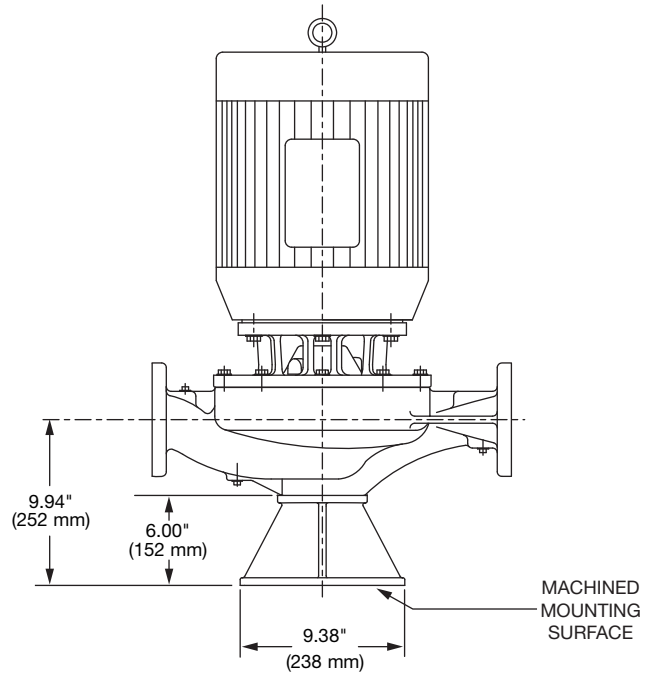
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

\*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2009	2 x 2 (51 x 51)	143JM	0.75	2  (51)	9.00 (229) if ANSI Class 125	10.00 (254) if ANSI Class 125	3.94  (100)	8.29 (211)	12.06 (306)	5.72  (145)	6.22  (158)	0.25  (6)	6.62 (168)
		145JM	1					8.29 (211)	13.43 (341)				6.62 (168)
		182JM	1.5					8.29 (211)	13.94 (354)				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

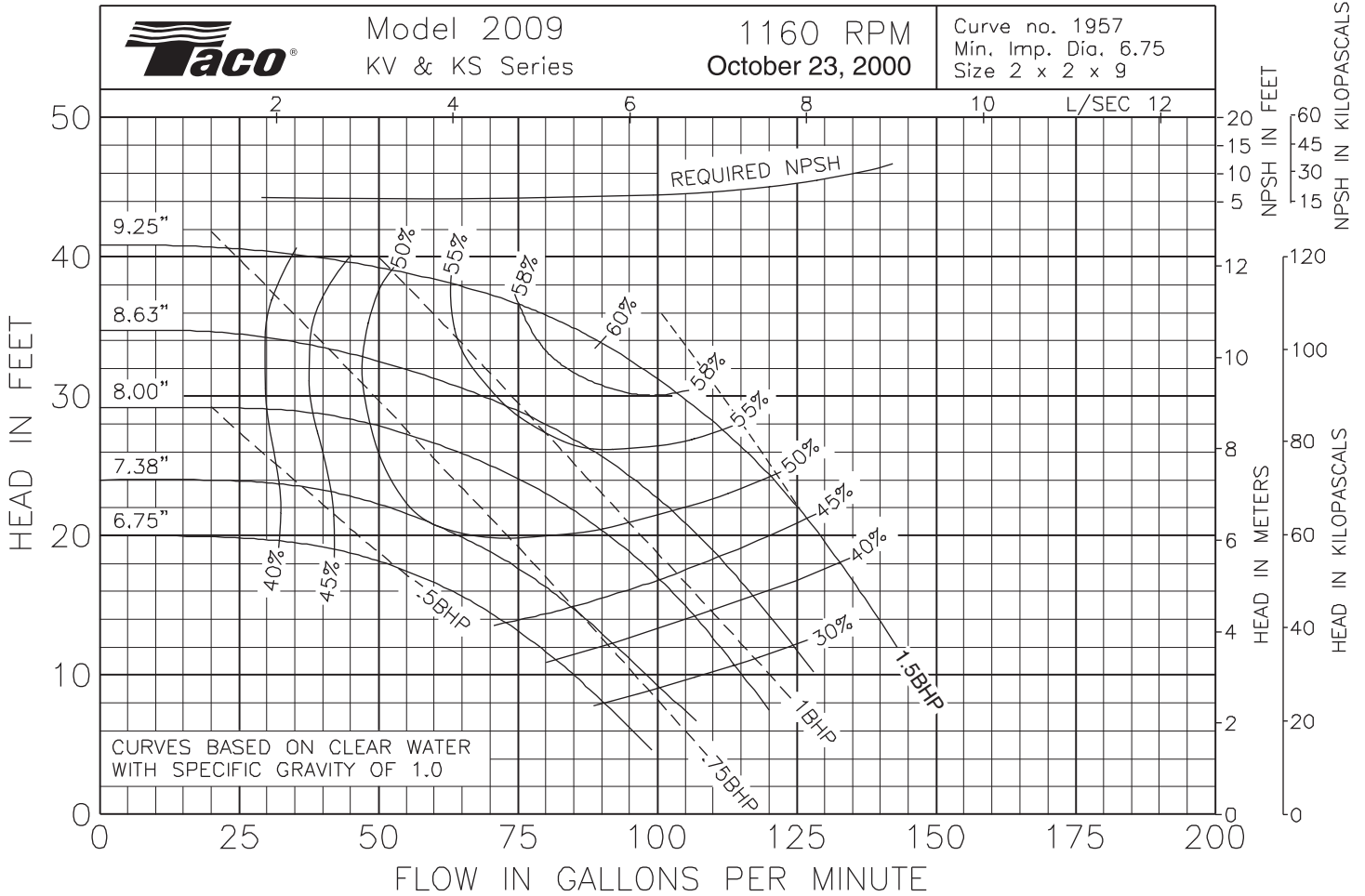
**OPERATING SPECIFICATIONS**

	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	134 (61)	153 (69)
182JM - 184JM	154 (70)	173 (78)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1091

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

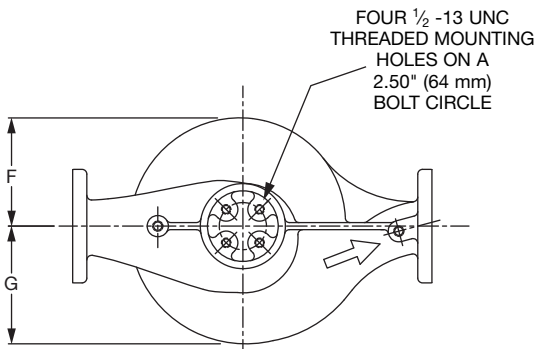
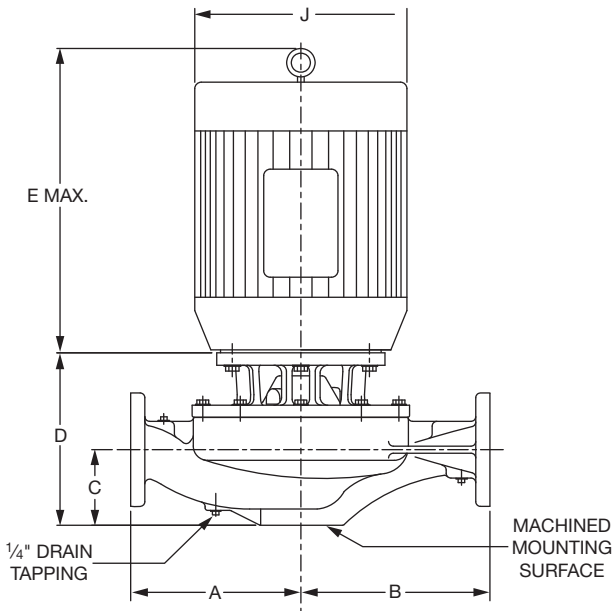
1160 RPM MODEL 2011

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

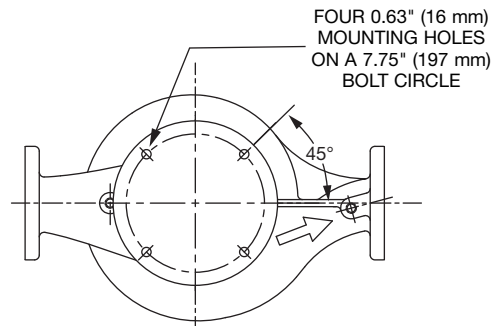
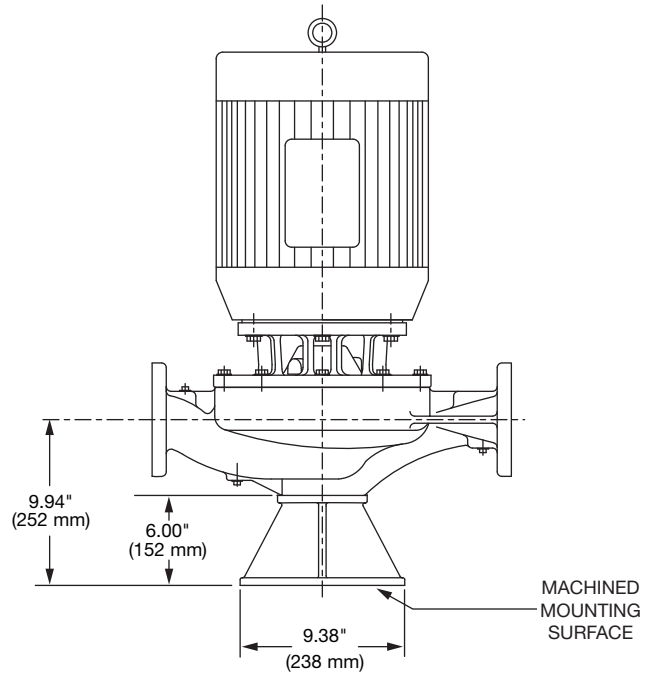
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2011	2 x 2 (51 x 51)	145JM	1	2  (51)	10.50 (267) if ANSI Class 125	10.85 (276) if ANSI Class 125	3.94  (100)	8.23 (209)	13.43 (341)	7.06  (179)	7.12  (181)	0.25  (6)	6.62 (168)
		182JM	1.5					8.23 (209)	13.94 (354)				7.88 (200)
		184JM	2					8.23 (209)	15.58 (396)				7.88 (200)
		213JM	3					8.41 (214)	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

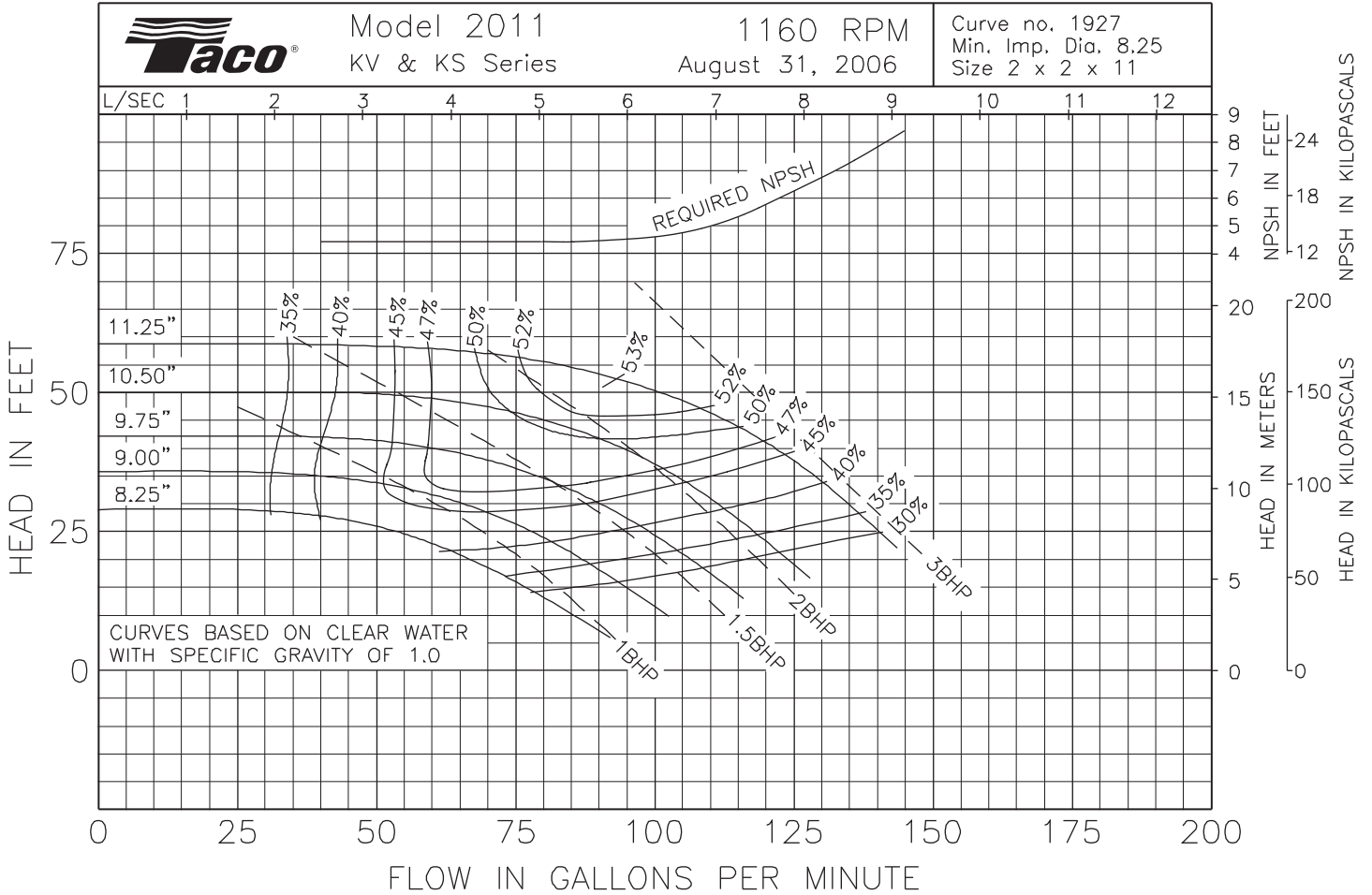
**OPERATING SPECIFICATIONS**

	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	167 (76)	186 (84)
182JM - 184JM	197 (89)	216 (98)
213JM - 215JM	225 (102)	244 (111)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1122

EFFECTIVE: March 7, 2014

SUPERSEDES: January 8, 2010

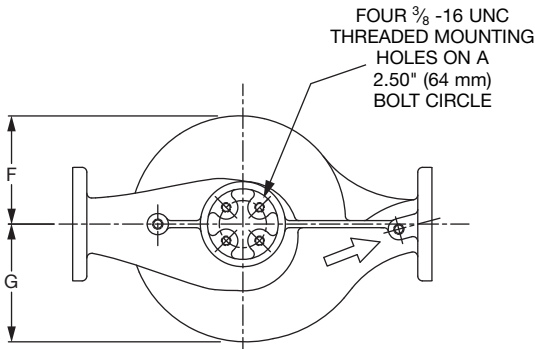
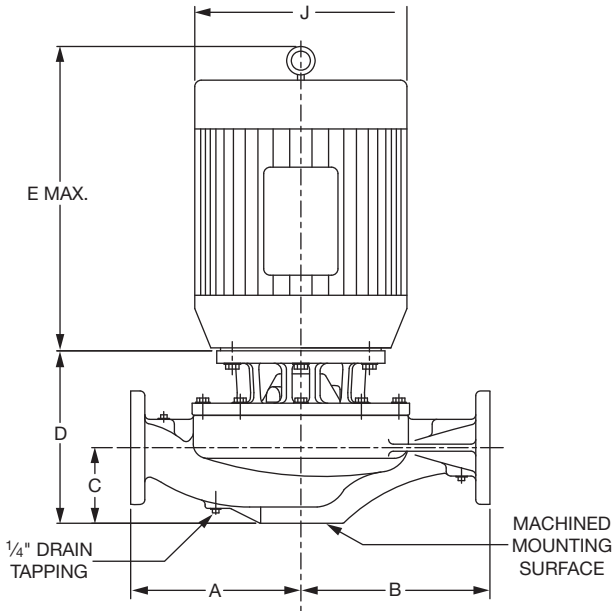
1160 RPM MODEL 2508

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

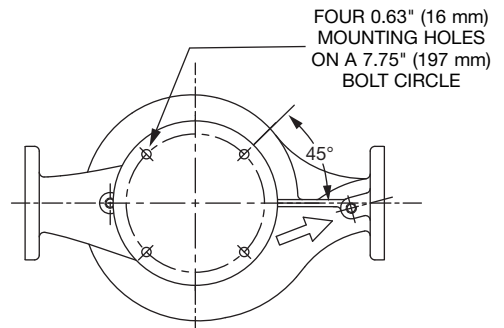
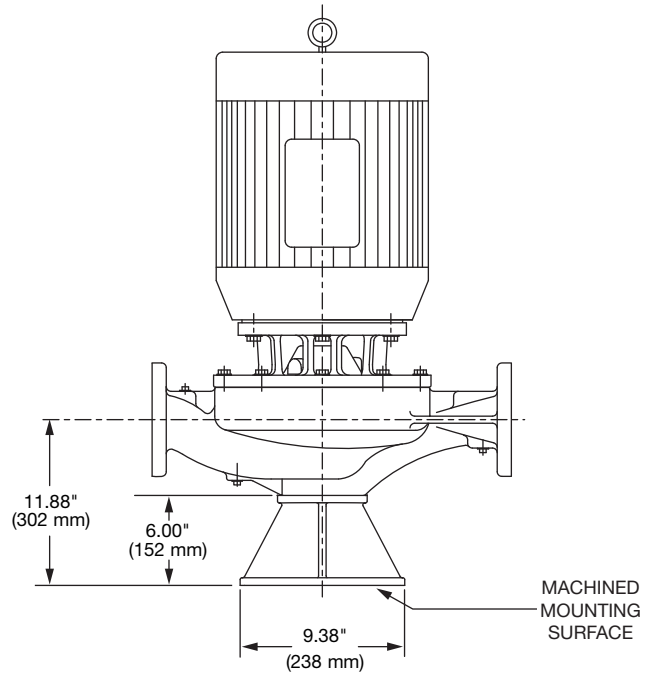
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 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)	145JM	1	2 1/2 (64)	9.56 (242) if ANSI Class 125	8.25 (209) if ANSI Class 125	5.88 (149)	10.27 (260)	13.43 (341)	6.10 (155)	6.99 (177)	0.25 (6)	6.62 (168)
		182JM	1.5					10.27 (260)	13.94 (354)				7.88 (200)
		184JM	2					10.27 (260)	15.58 (396)				7.88 (200)
		213JM	3					10.27 (260)	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

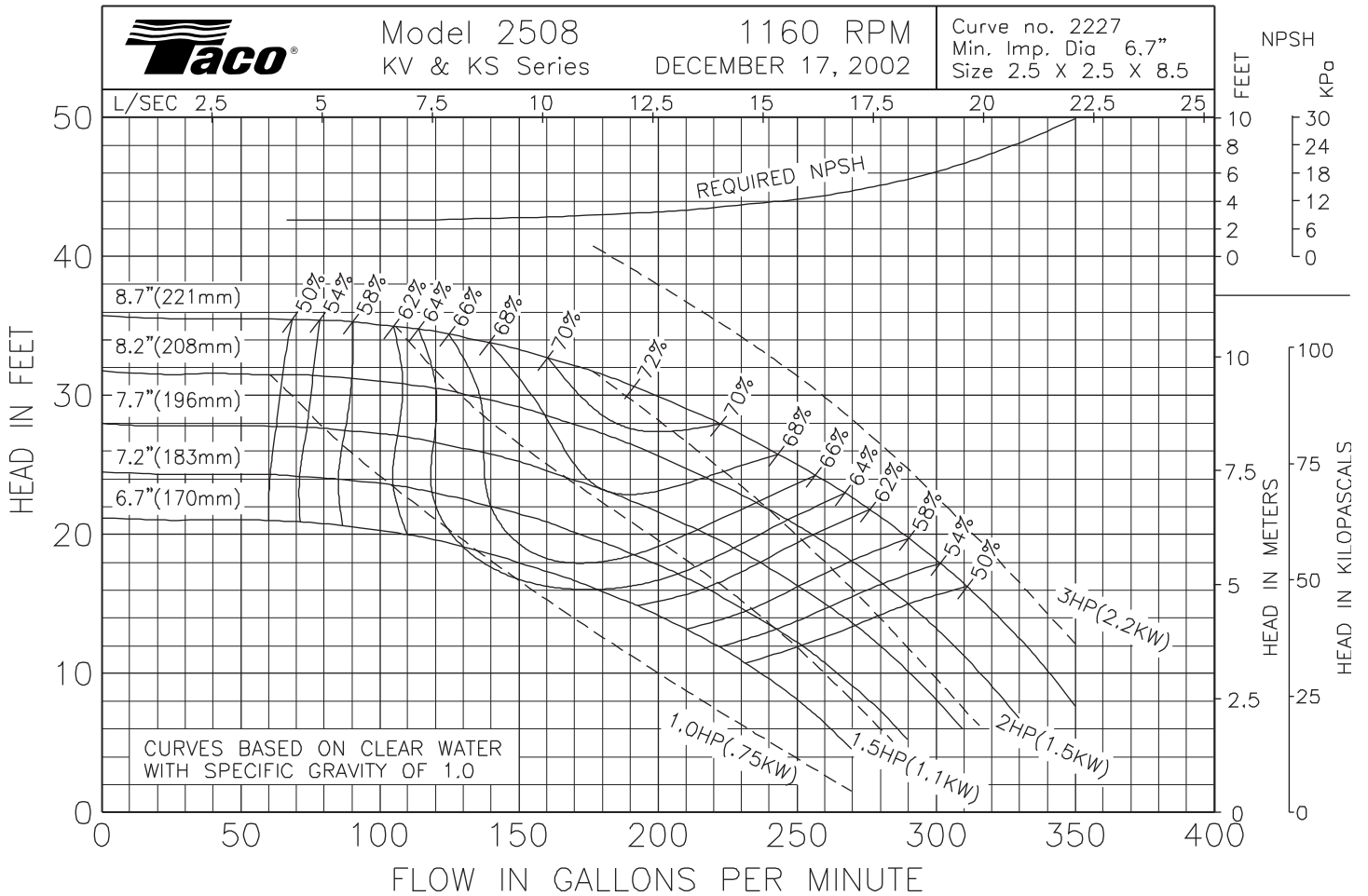
**OPERATING SPECIFICATIONS**

	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	143 (65)	162 (73)
182JM - 184JM	179 (81)	198 (90)
213JM - 215JM	203 (92)	222 (101)



Comments:



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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1474

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 15, 2009

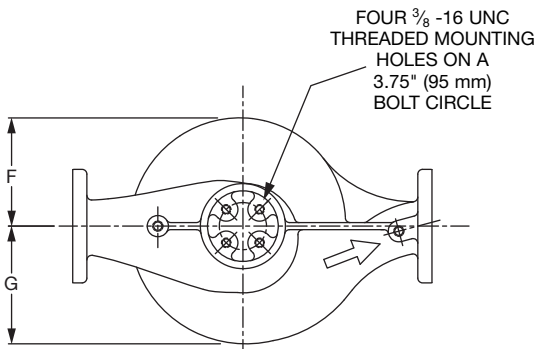
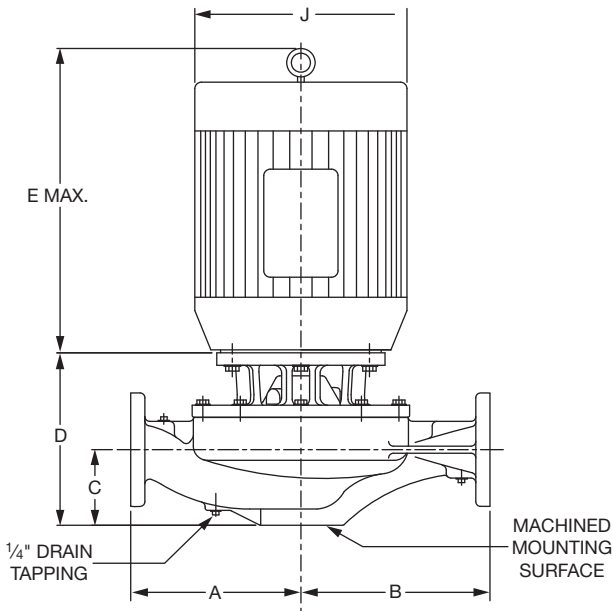
1160 RPM MODEL 2510

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

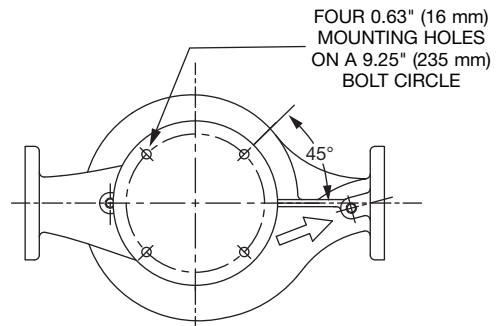
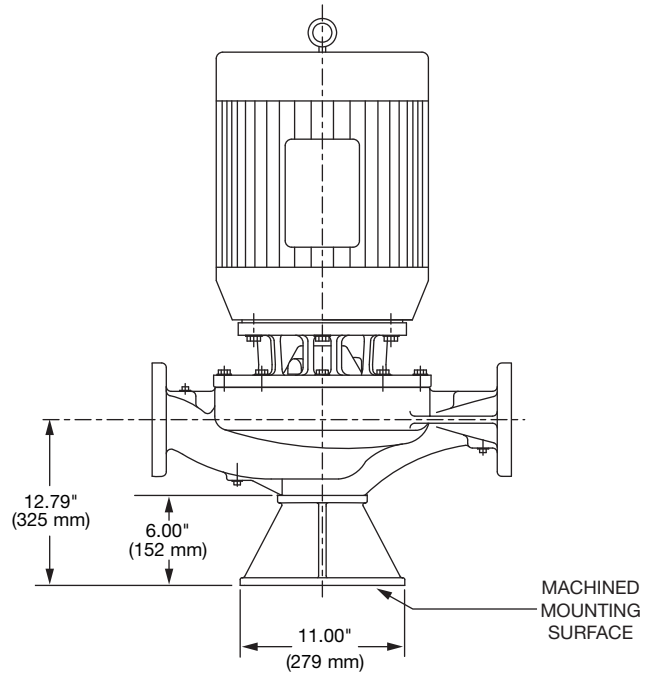
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 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	2	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	3					11.30 (287)	16.68 (424)				9.56 (243)
		215JM	5					11.30 (287)	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

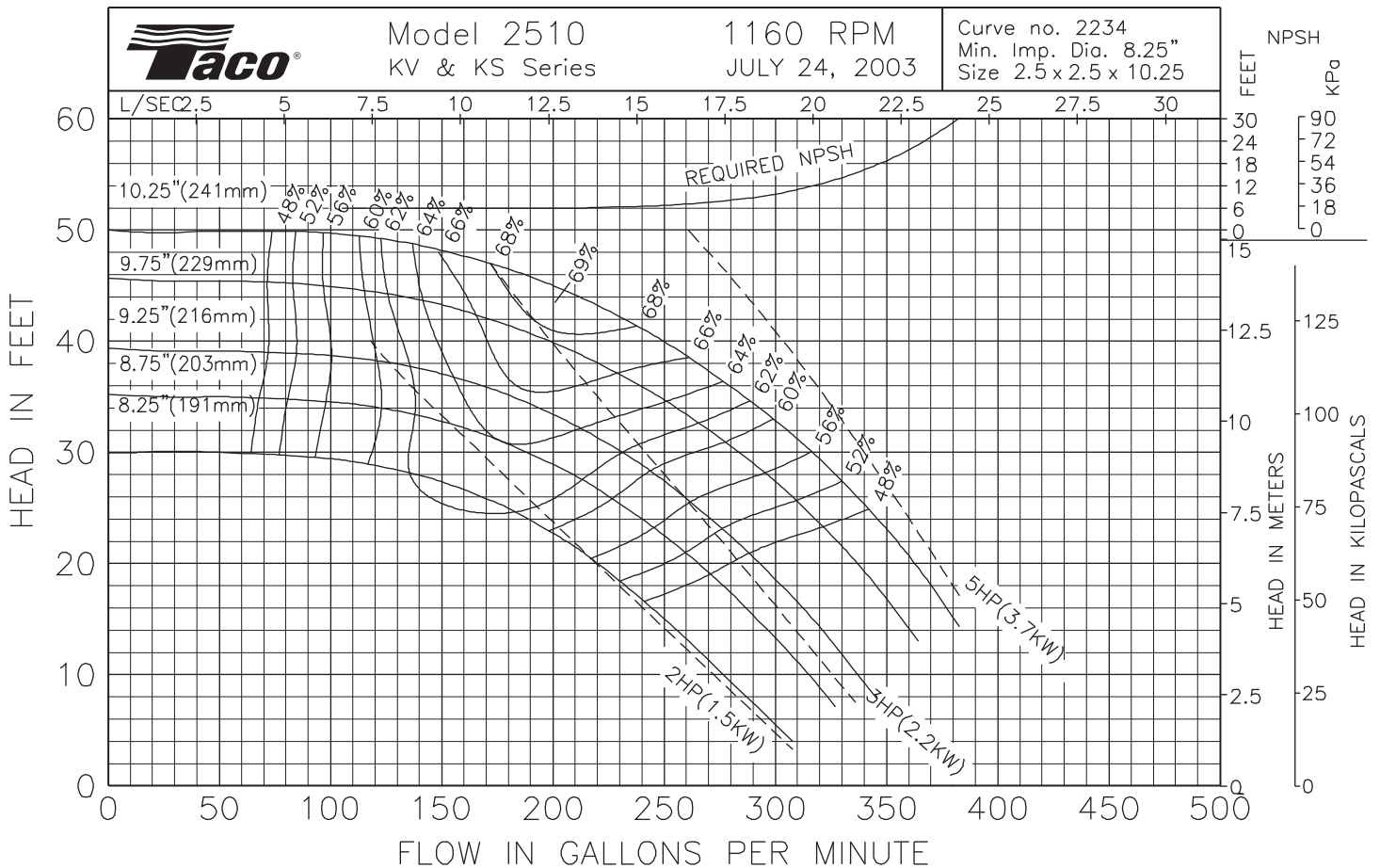
**OPERATING SPECIFICATIONS**

	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	191 (87)	217 (98)
213JM - 215JM	251 (114)	277 (126)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1085

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

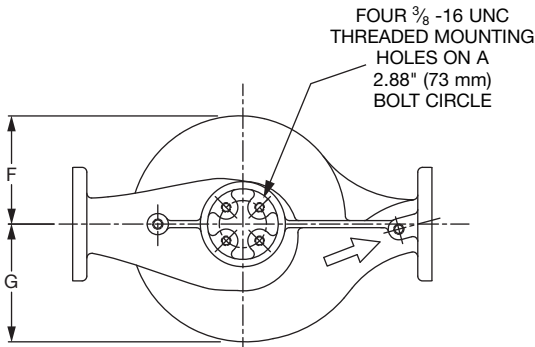
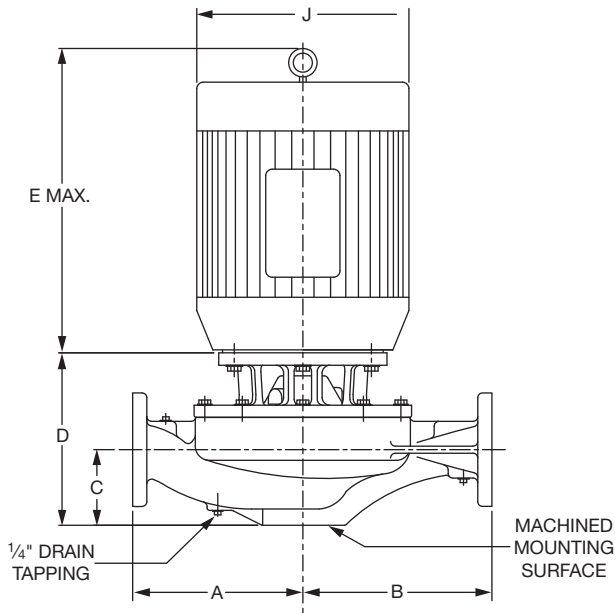
1160 RPM MODEL 3007

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

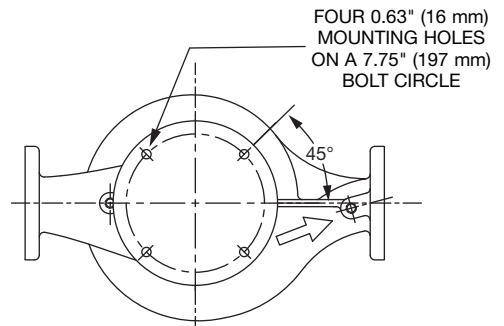
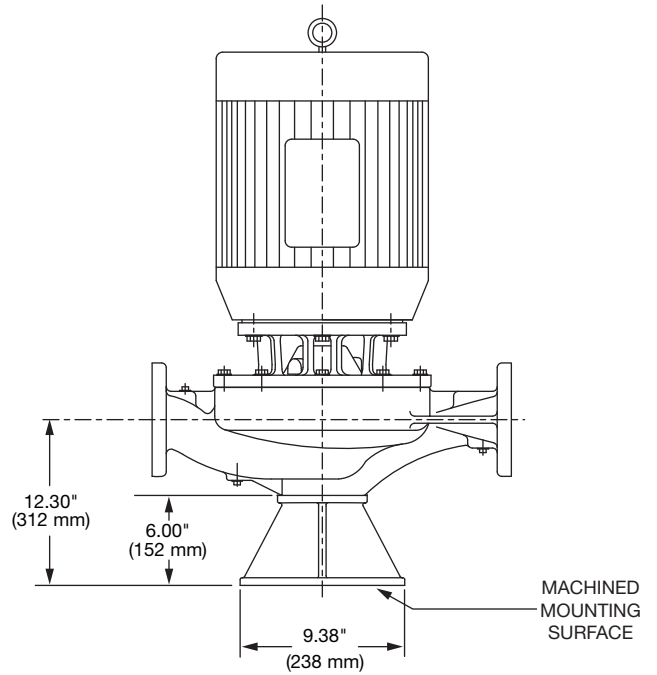
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3007	3 x 3 (76 x 76)	143JM	0.75	3  (76)	10.00 (254) if ANSI Class 125	10.00 (254) if ANSI Class 125	6.30  (160)	10.53 (267)	12.06 (306)	5.29  (134)	6.31  (160)	0.25  (6)	6.62 (168)
		145JM	1					10.53 (267)	13.43 (341)				6.62 (168)
		182JM	1.5					10.53 (267)	13.94 (354)				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

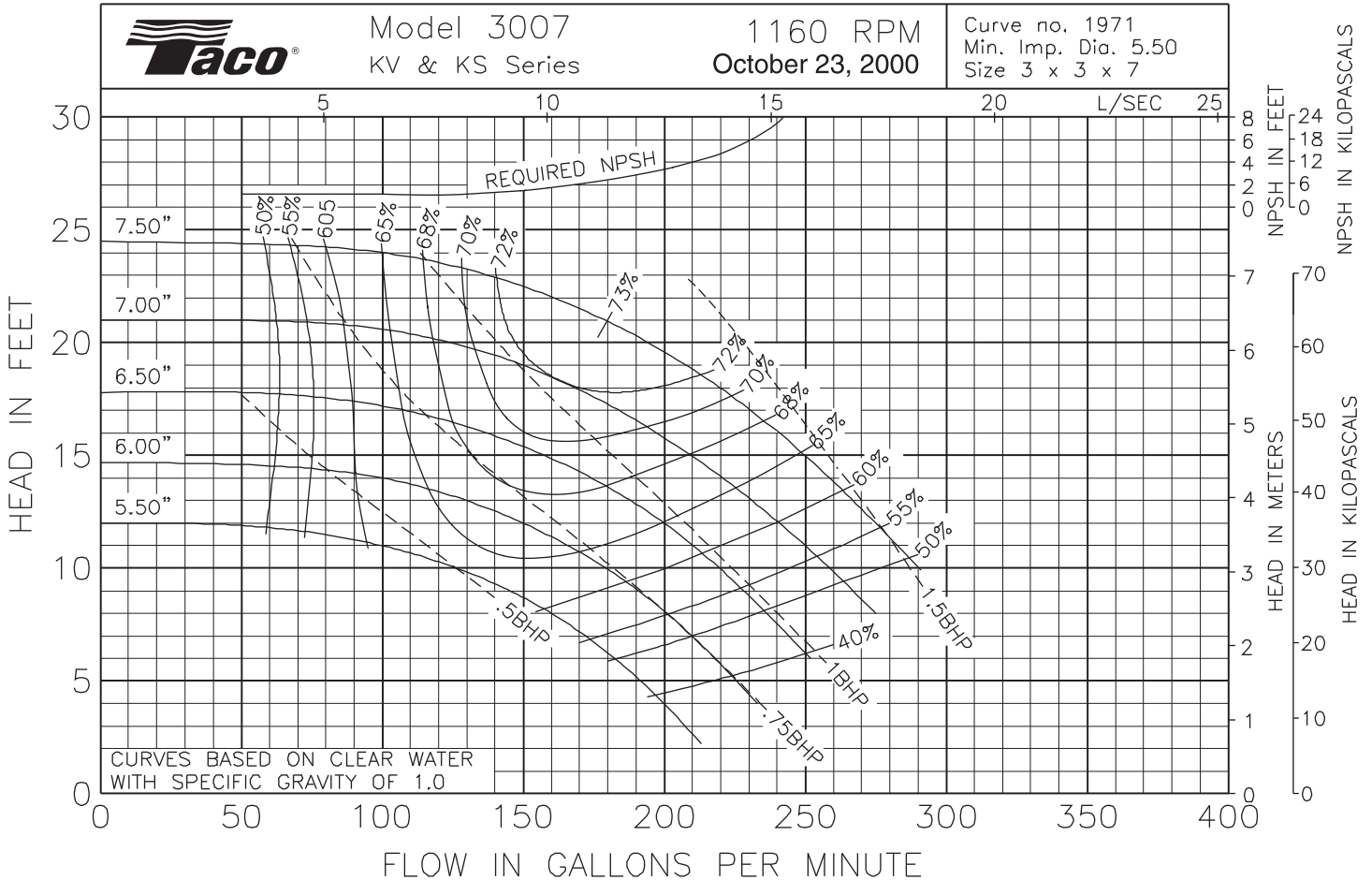
**OPERATING SPECIFICATIONS**

	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	140 (64)	159 (72)
182JM - 184JM	160 (73)	179 (81)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1089

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

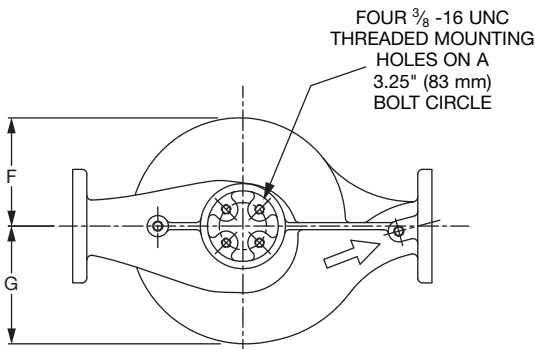
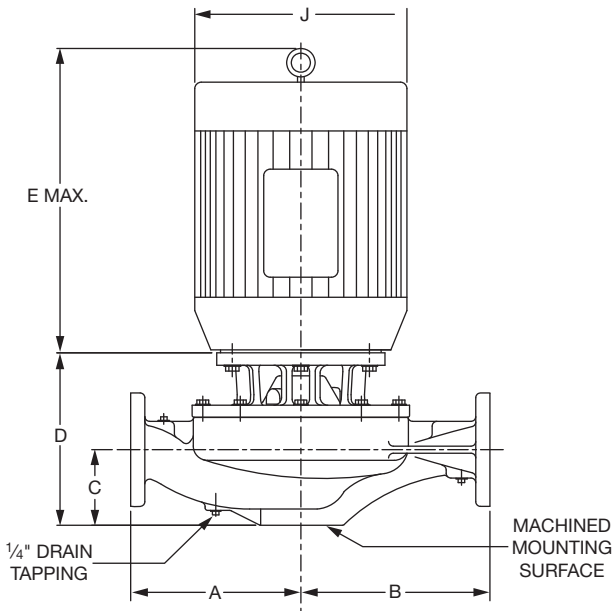
1160 RPM MODEL 3009

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

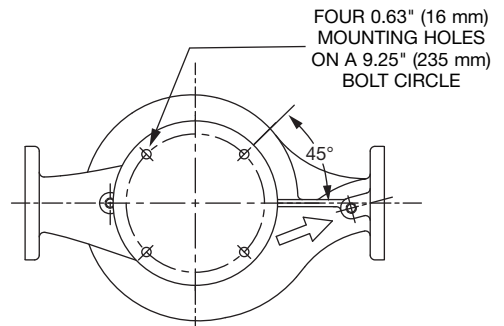
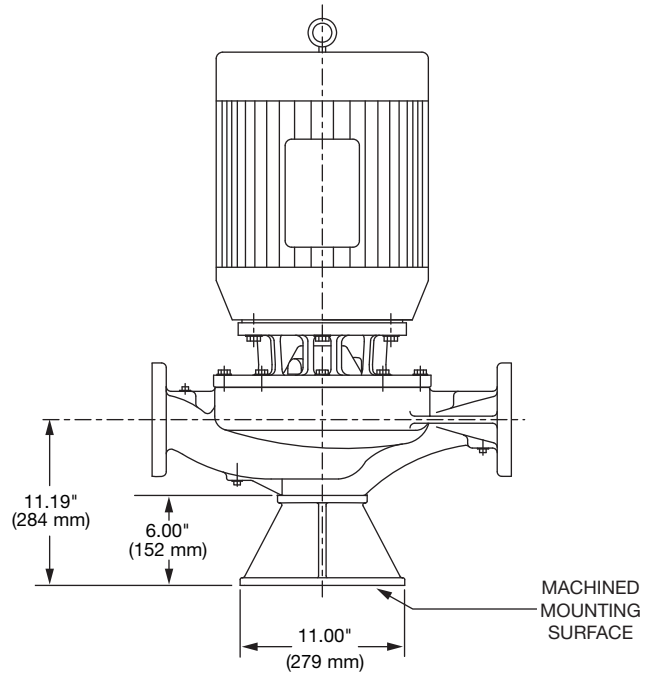
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

\*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3009	3 x 3 (76 x 76)	143JM	0.75	3  (76)	10.00 (254) if ANSI Class 125	11.00 (279) if ANSI Class 125	5.19  (132)	9.47 (241)	12.06 (306)	5.94  (151)	6.53  (166)	0.25  (6)	6.62 (168)
		145JM	1					9.47 (241)	13.43 (341)				6.62 (168)
		182JM	1.5					9.47 (241)	13.94 (354)				7.88 (200)
		184JM	2					9.47 (241)	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

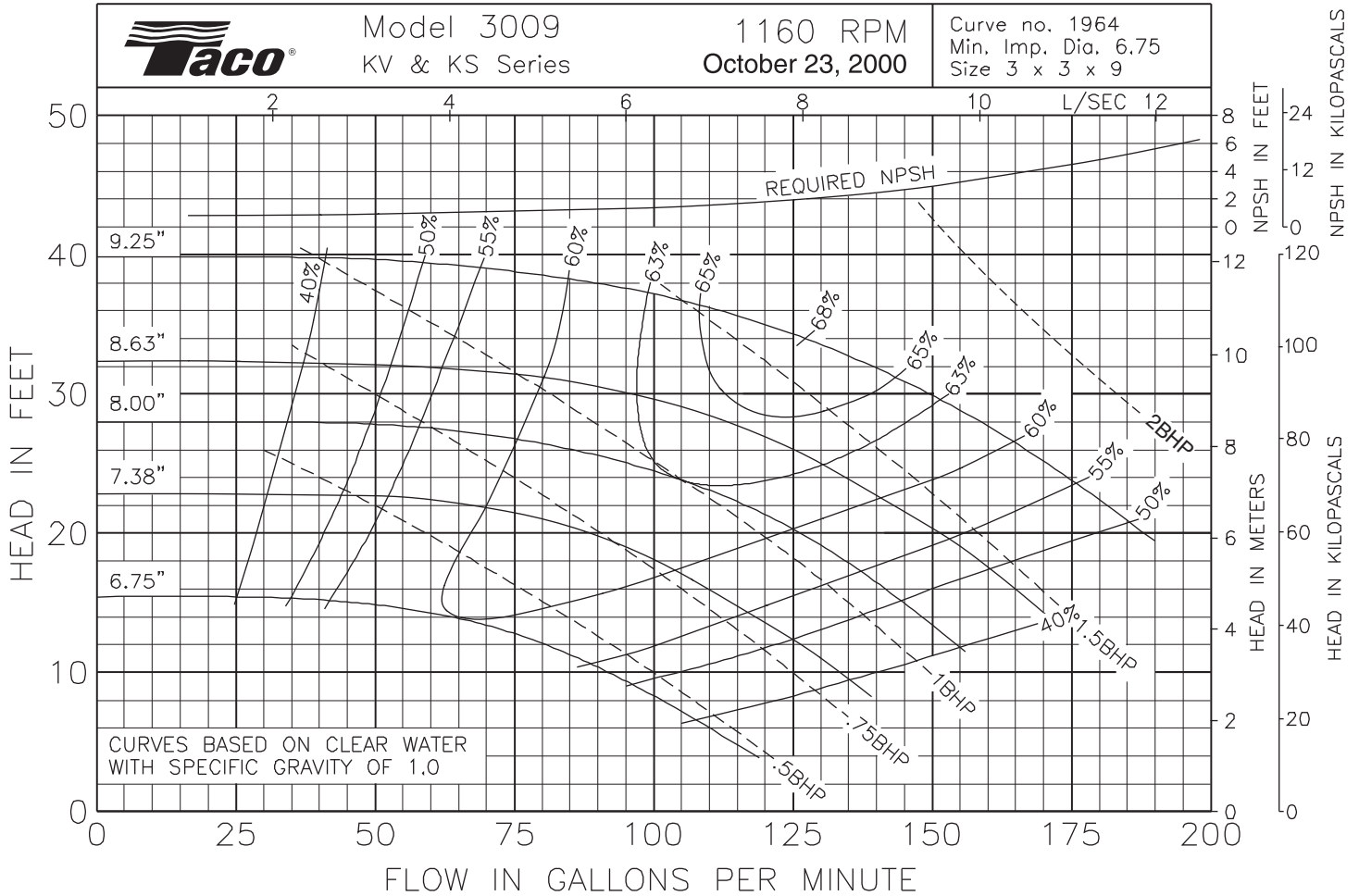
**OPERATING SPECIFICATIONS**

	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	158 (72)	184 (83)
182JM - 184JM	188 (85)	214 (97)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1092

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

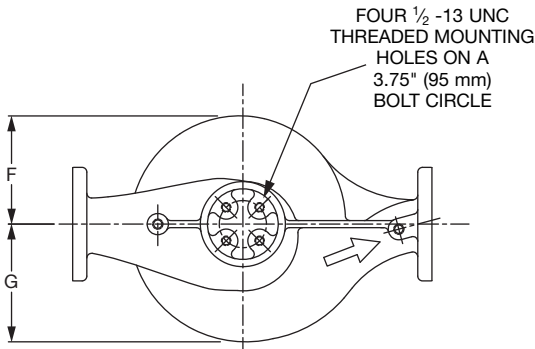
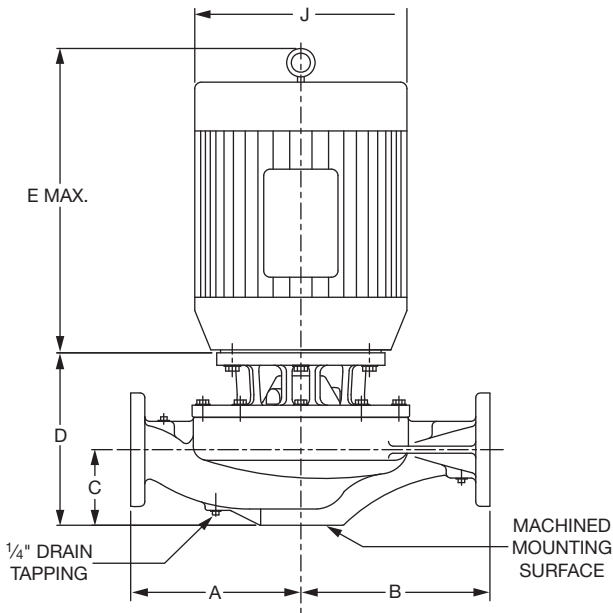
1160 RPM MODEL 3011

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

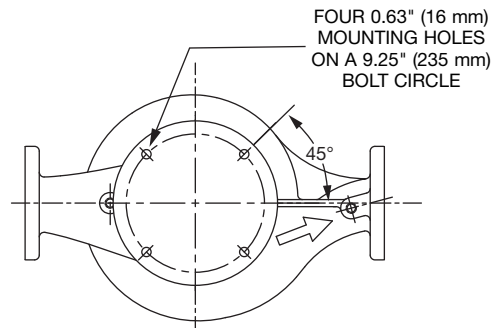
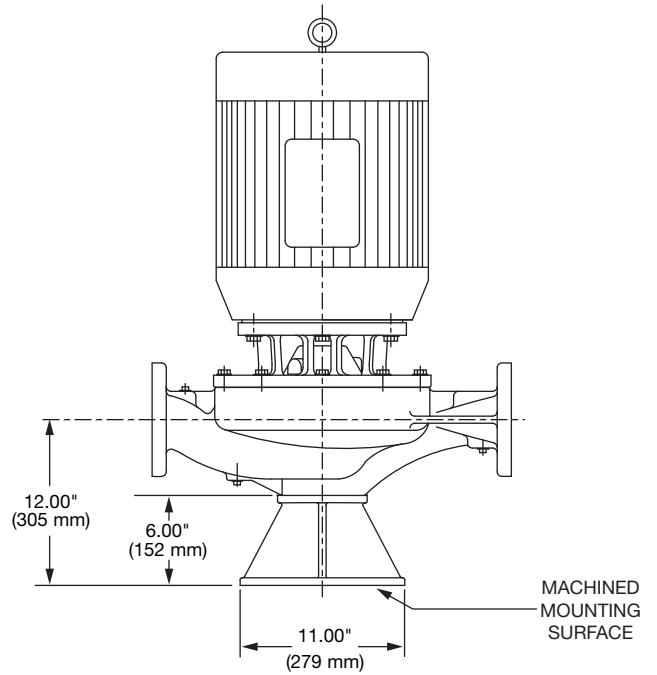
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3011	3 x 3 (76 x 76)	182JM	1.5	3  (76)	11.50 (292) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.00  (152)	10.32 (262)	13.94 (354)	7.10  (180)	7.89  (200)	0.25  (6)	7.88 (200)
		184JM	2					10.32 (262)	15.58 (396)				7.88 (200)
		213JM	3					10.50 (267)	16.68 (424)				9.56 (243)
		215JM	5					10.50 (267)	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

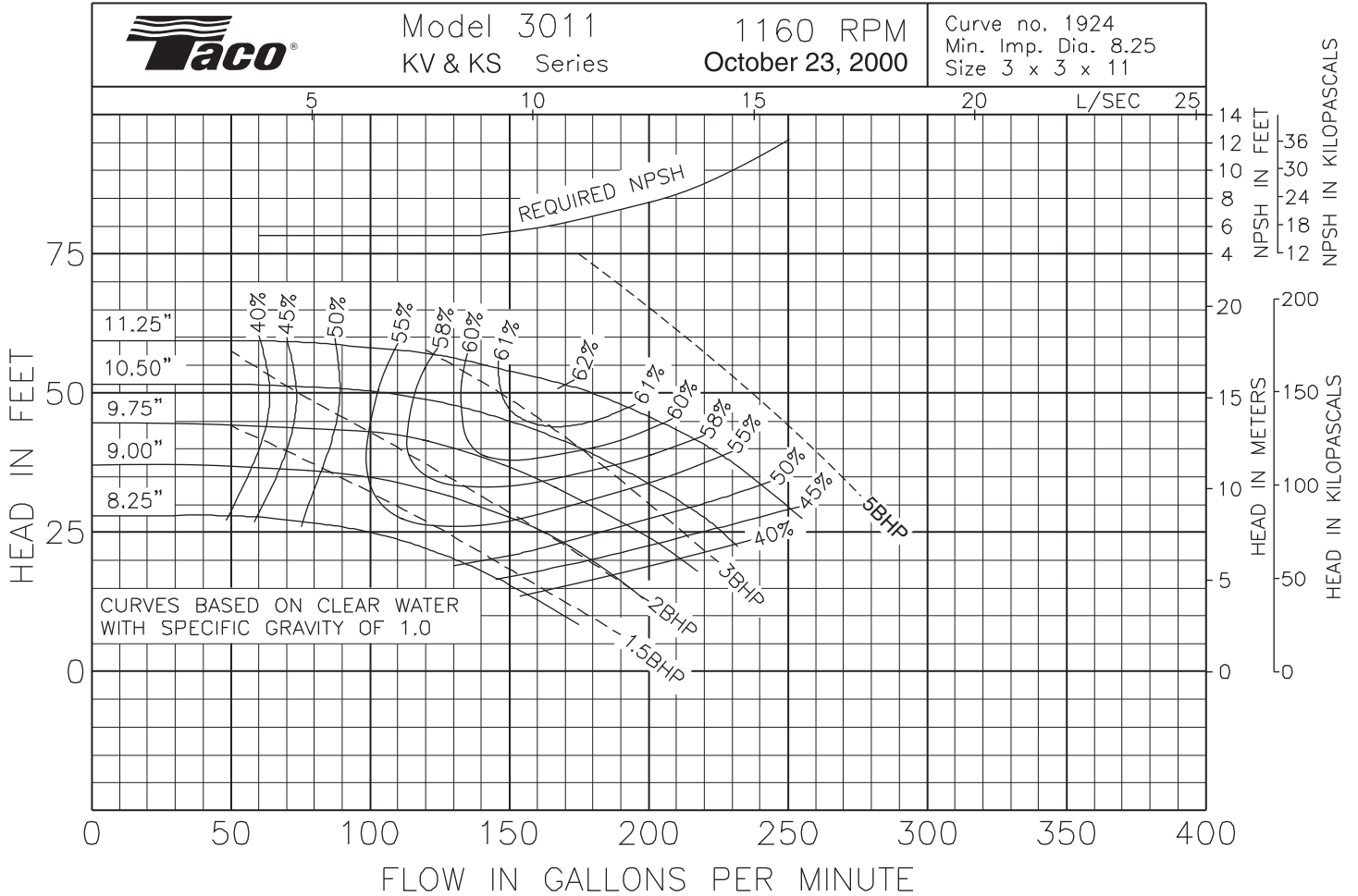
Motors: All NEMA Standard (T Frame)

\* 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	242 (110)	268 (122)
213JM - 215JM	281 (127)	307 (139)



Comments: \_\_\_\_\_

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1053

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

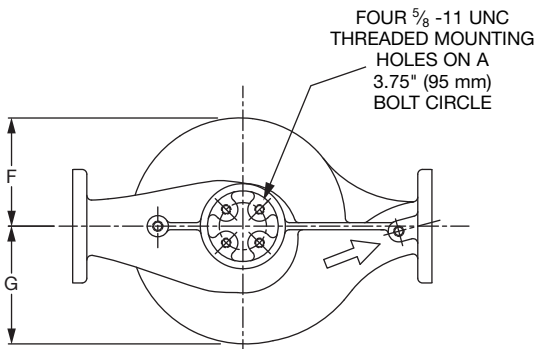
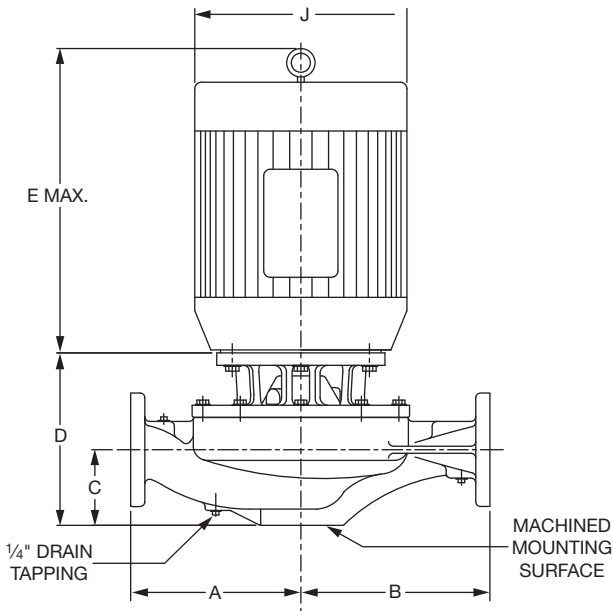
1160 RPM MODEL 3013

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

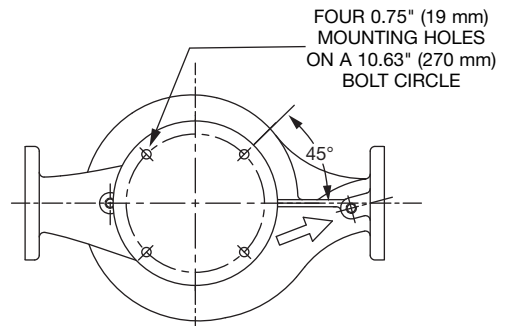
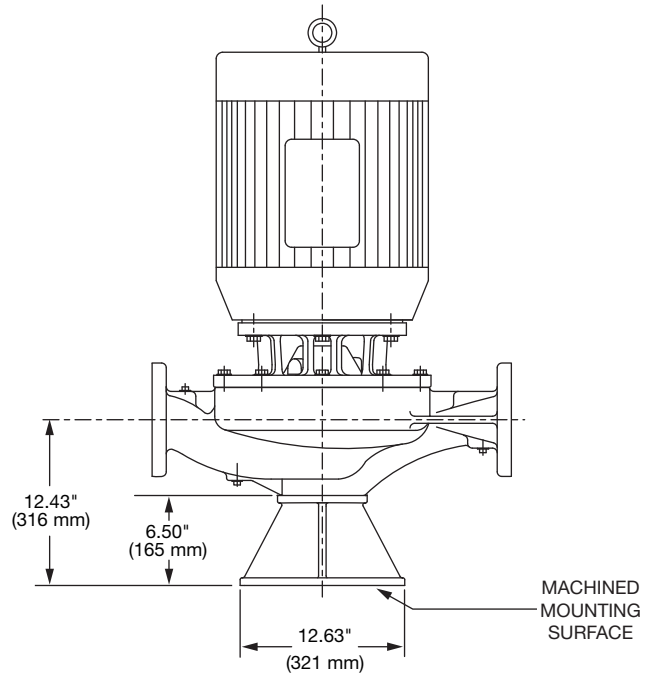
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3013	3 x 3 (76 x 76)	184JM	2	3 (76)	13.63 (346) if ANSI Class 125	14.13 (359) if ANSI Class 125	5.93 (151)	10.55 (268)	15.58 (396)	8.31 (211)	8.77 (223)	0.25 (6)	7.88 (200)
		213JM	3					10.73 (273)	16.68 (424)				9.56 (243)
		215JM	5					10.73 (273)	18.18 (462)				9.56 (243)
		254JM	7.5					11.36 (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

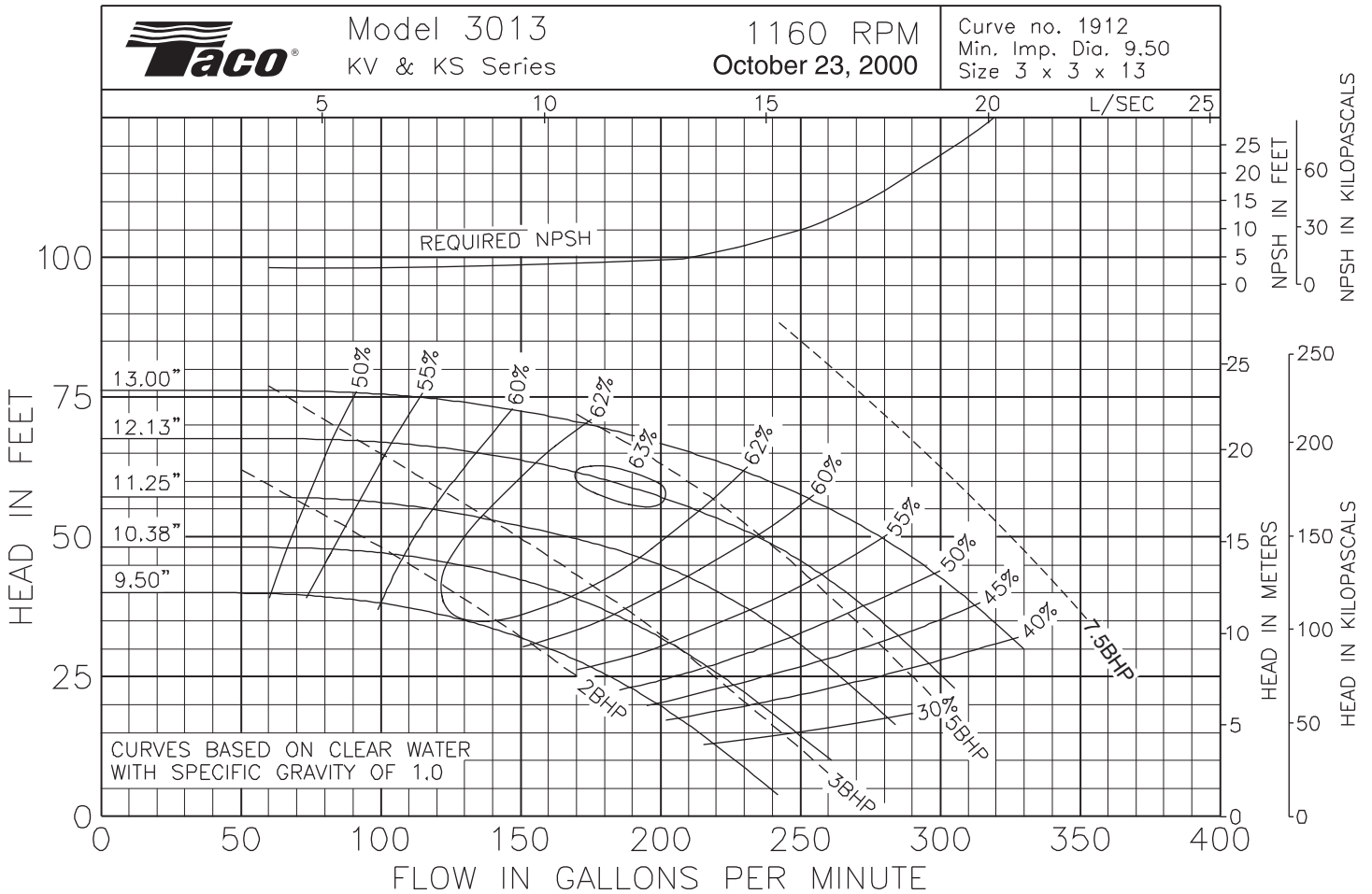
**OPERATING SPECIFICATIONS**

	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	293 (133)	340 (154)
213JM - 215JM	345 (156)	392 (178)
254JM - 256JM	435 (197)	482 (219)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1086

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

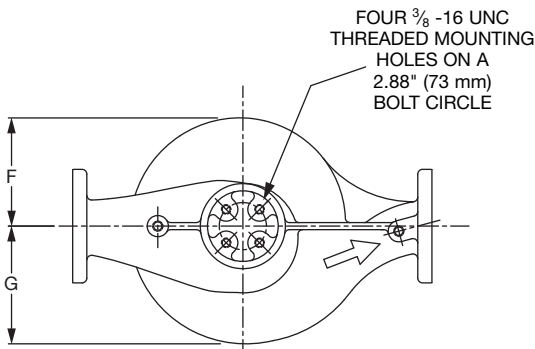
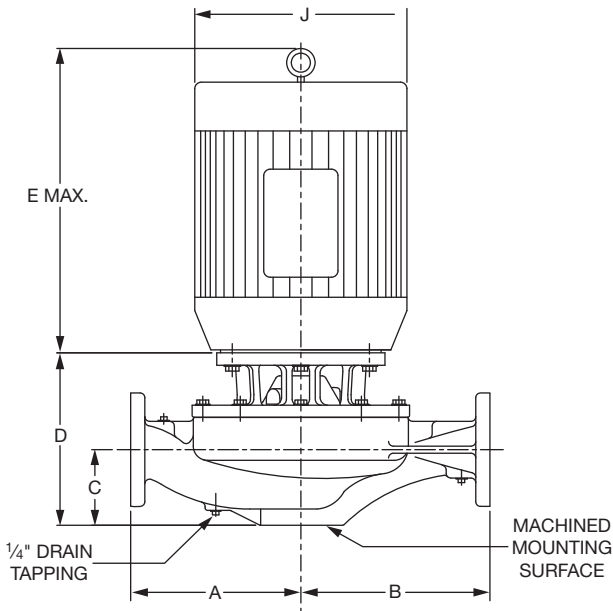
1160 RPM MODEL 4007

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

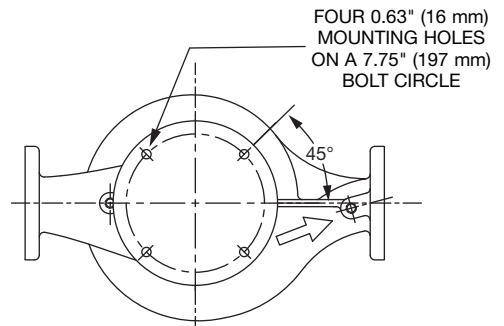
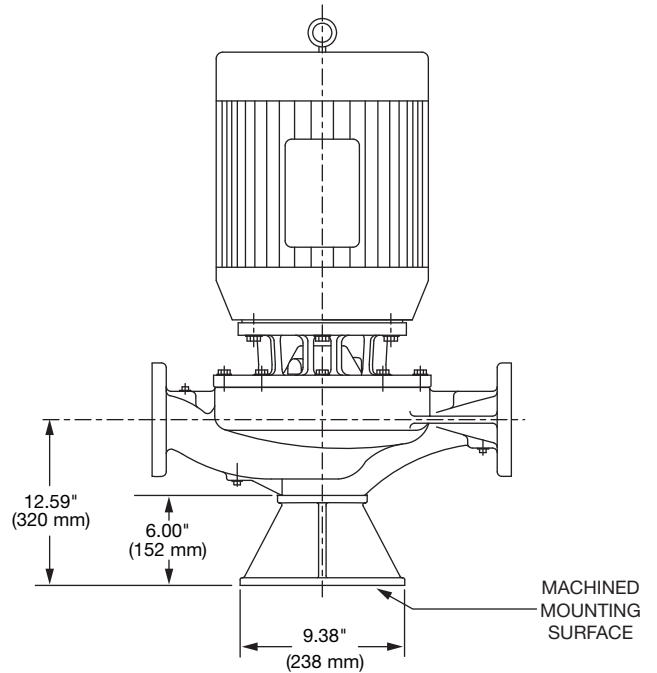
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4007	4 x 4 (102 x 102)	143JM	0.75	4  (102)	11.00 (279) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.59  (167)	11.21 (285)	12.06 (306)	5.64  (143)	6.80  (173)	0.25  (6)	6.62 (168)
		145JM	1					11.21 (285)	13.43 (341)				6.62 (168)
		182JM	1.5					11.21 (285)	13.94 (354)				7.88 (200)
		184JM	2					11.21 (285)	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

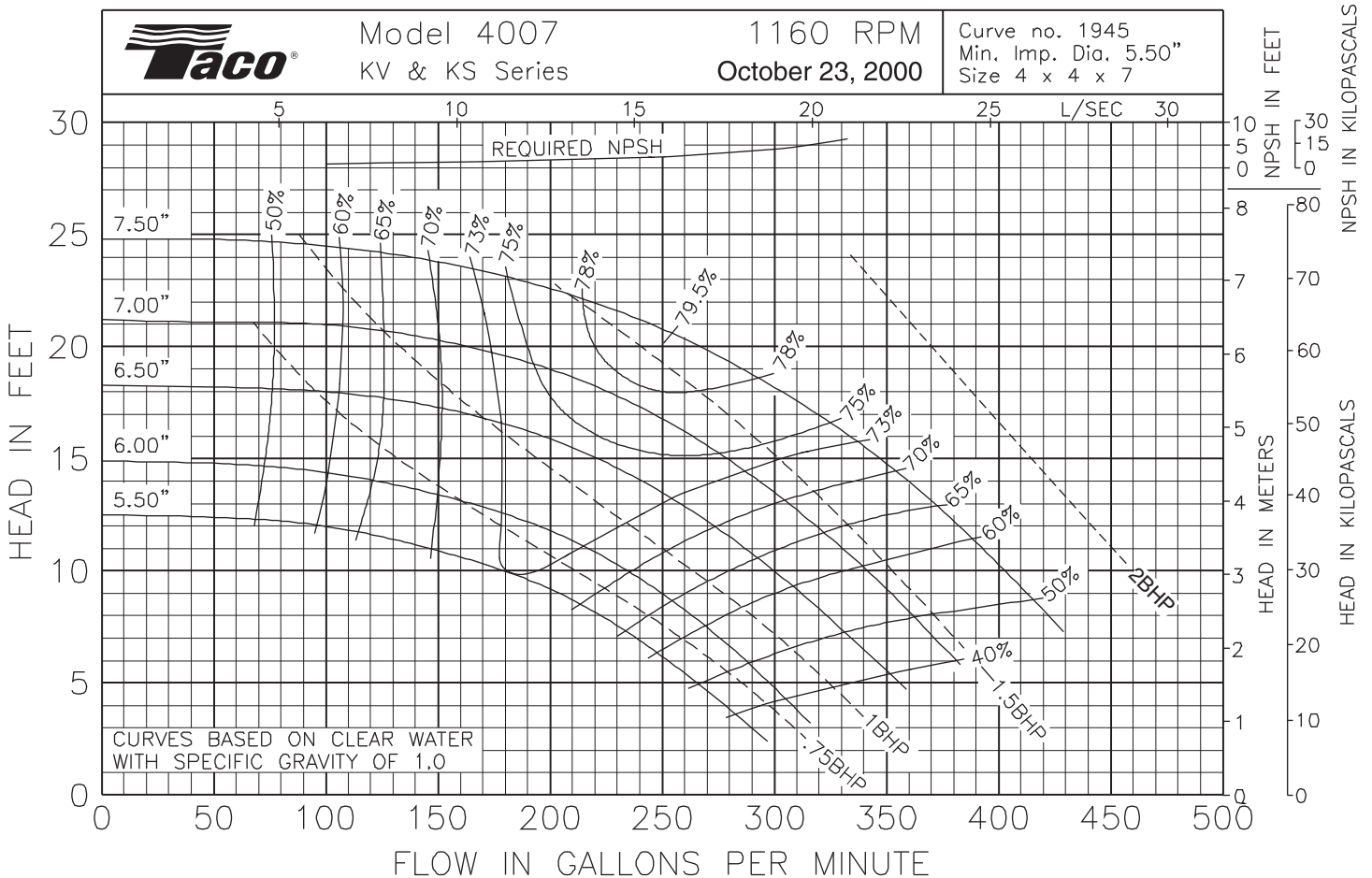
**OPERATING SPECIFICATIONS**

	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	174 (79)	193 (88)
182JM - 184JM	204 (93)	223 (101)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1093

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

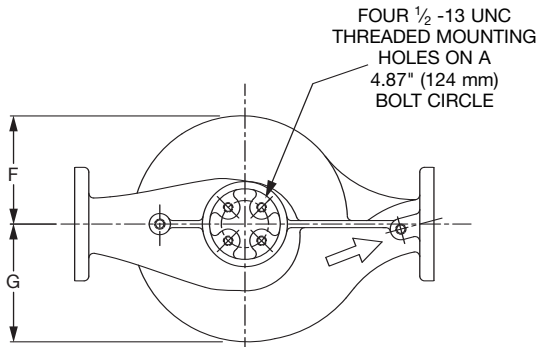
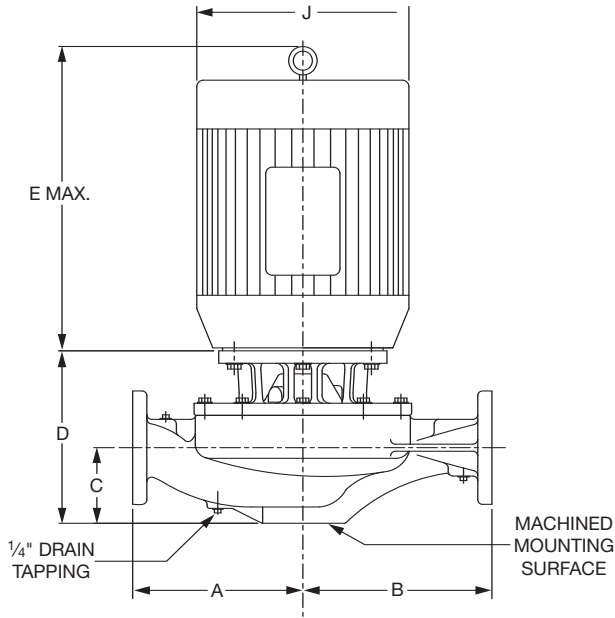
1160 RPM MODEL 4011

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

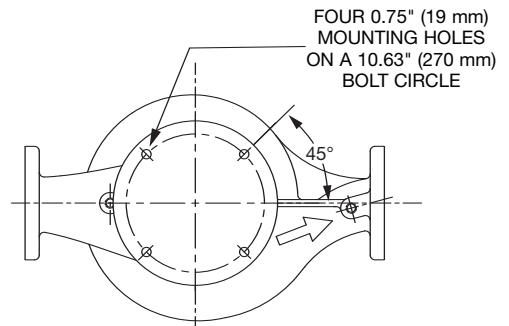
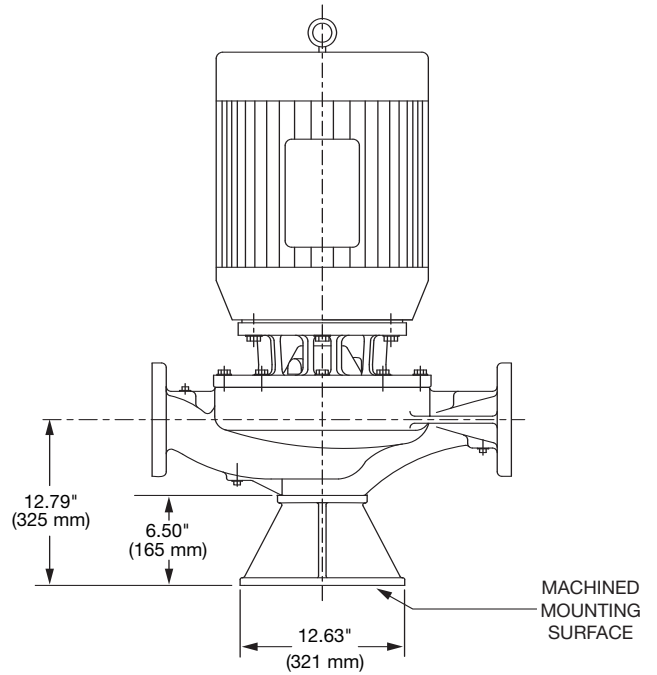
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4011	4 x 4 (102 x 102)	184JM	2	4 (102)	13.50 (343) if ANSI Class 125	15.00 (381) if ANSI Class 125	6.29 (160)	10.89 (277)	15.58 (396)	7.74 (197)	8.82 (224)	0.25 (6)	7.88 (200)
		213JM	3					11.06 (281)	16.68 (424)				9.56 (243)
		215JM	5					11.06 (281)	18.18 (462)				9.56 (243)
		254JM	7.5					11.76 (299)	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

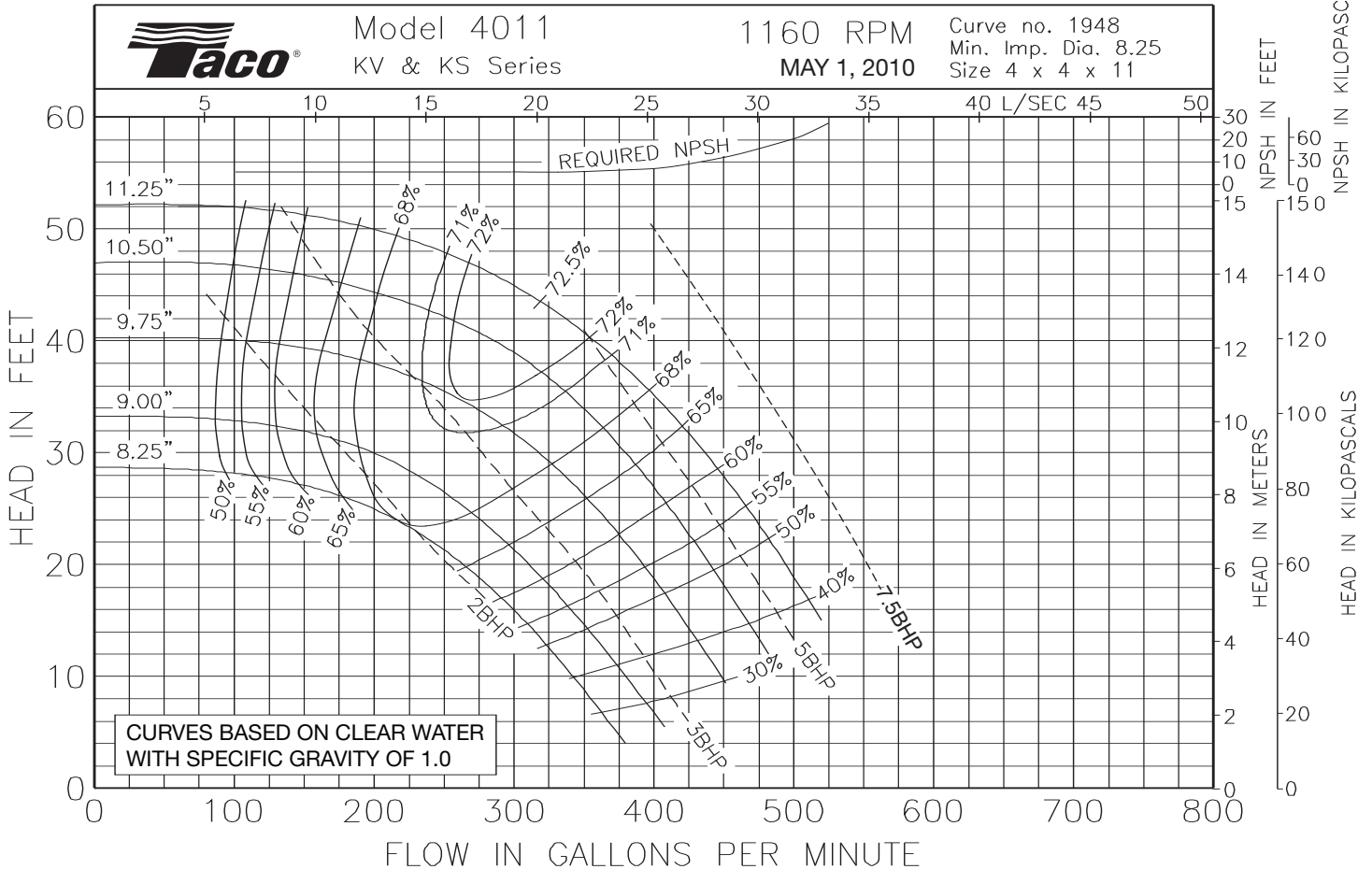
**OPERATING SPECIFICATIONS**

	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	294 (133)	341 (155)
213JM - 215JM	339 (154)	386 (175)
254JM - 256JM	423 (192)	470 (213)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1054

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

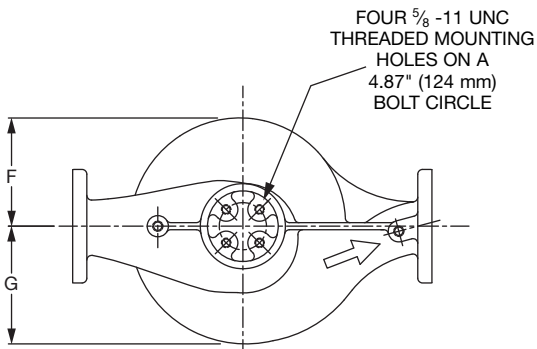
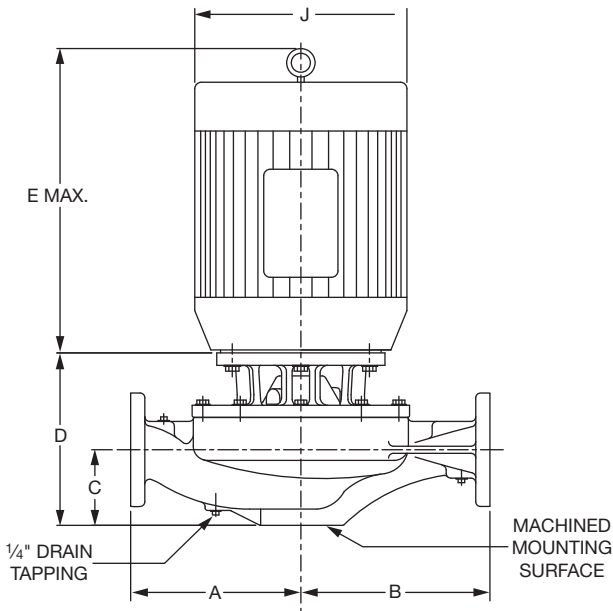
1160 RPM MODEL 4013

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

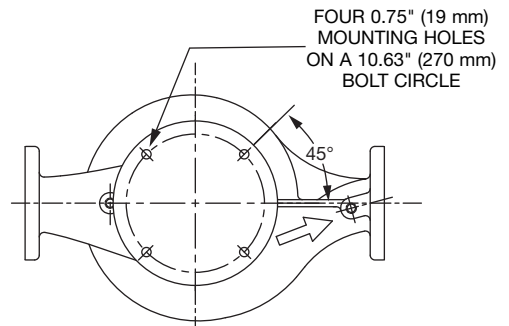
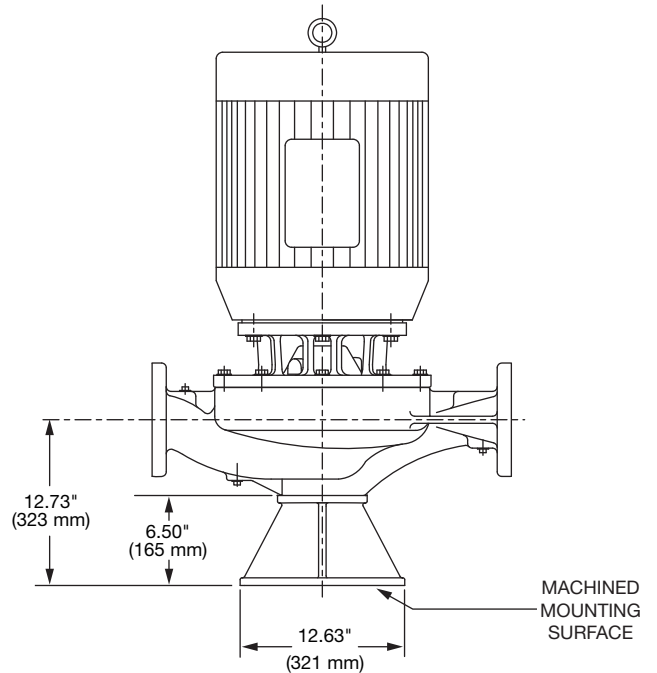
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4013	4 x 4 (102 x 102)	184JM	2	4 (102)	15.50 (394) if ANSI Class 125	15.50 (394) if ANSI Class 125	6.23 (158)	10.89 (277)	15.58 (396)	8.53 (217)	9.52 (242)	0.25 (6)	7.88 (200)
		213JM	3					11.07 (281)	16.68 (424)				9.56 (243)
		215JM	5					11.07 (281)	18.18 (462)				9.56 (243)
		254JM	7.5					11.70 (297)	17.83 (453)				12.94 (329)
		256JM	10					11.70 (297)	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

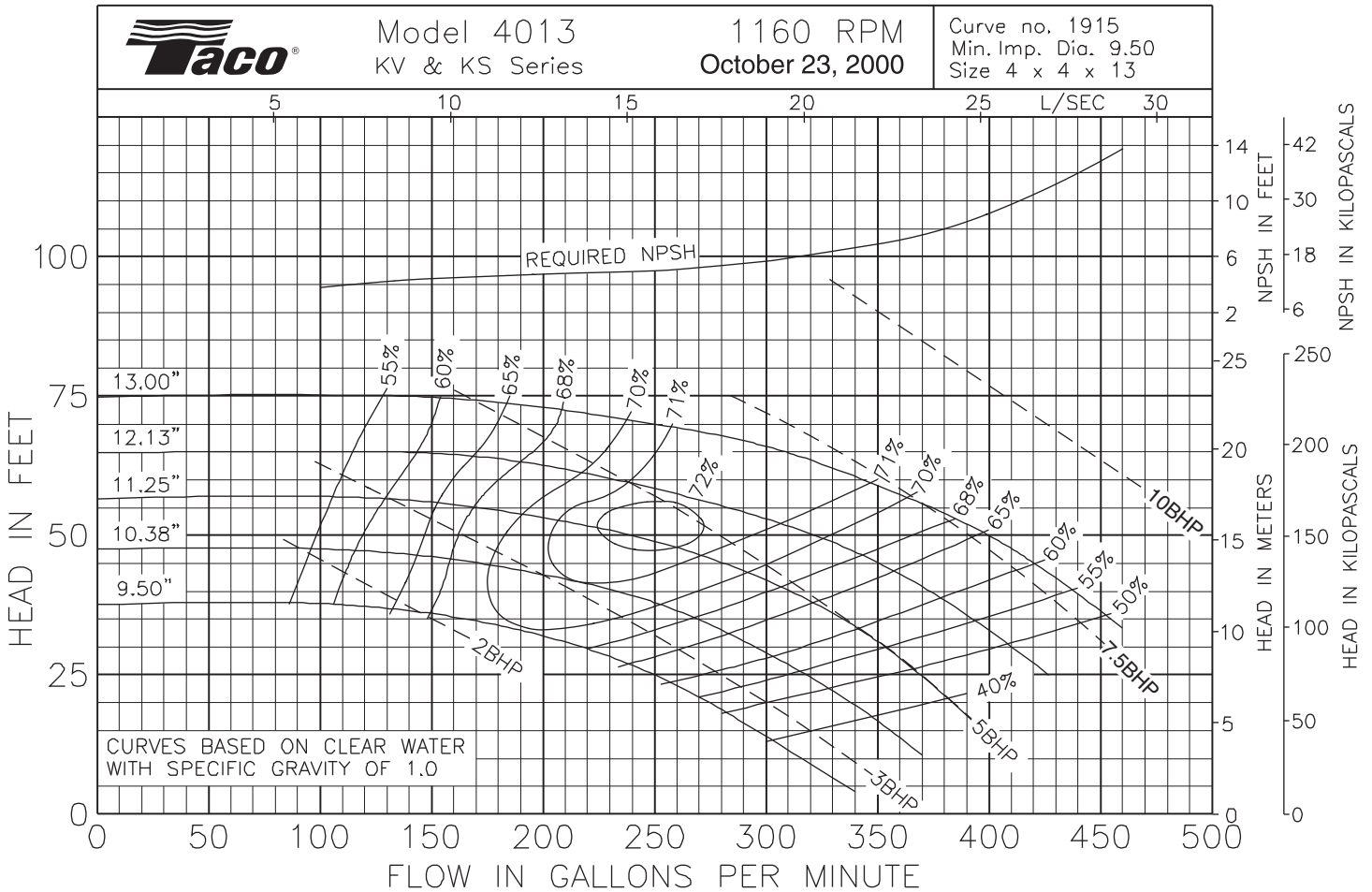
**OPERATING SPECIFICATIONS**

	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	333 (151)	380 (172)
213JM - 215JM	378 (171)	425 (193)
254JM - 256JM	532 (241)	579 (263)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1198

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 15, 2009

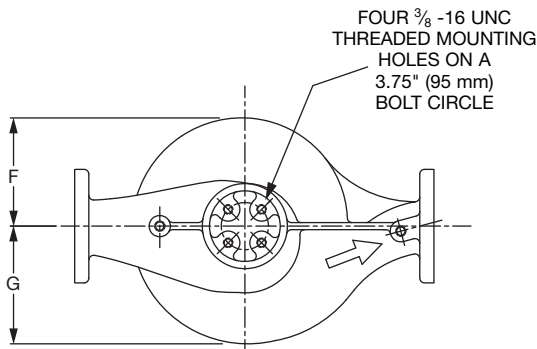
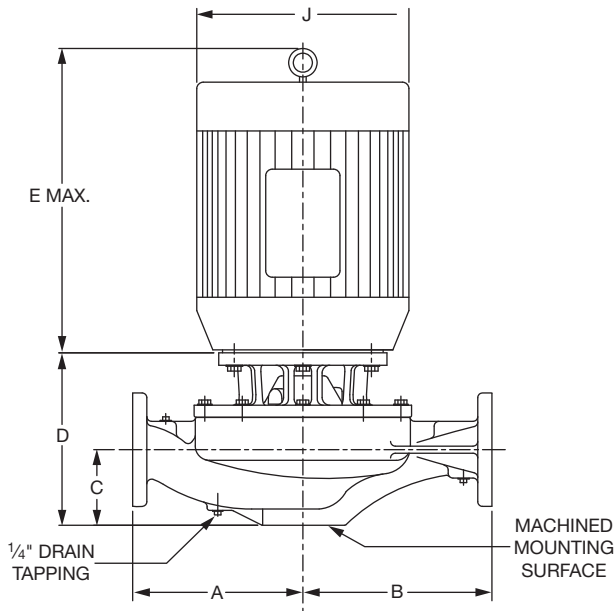
1160 RPM MODEL 4075

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

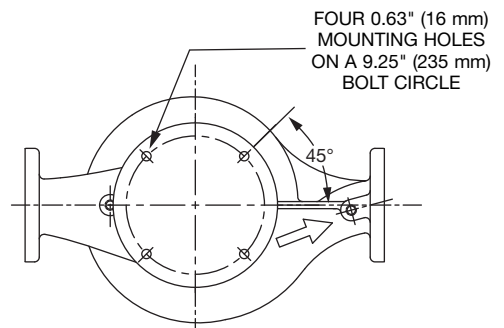
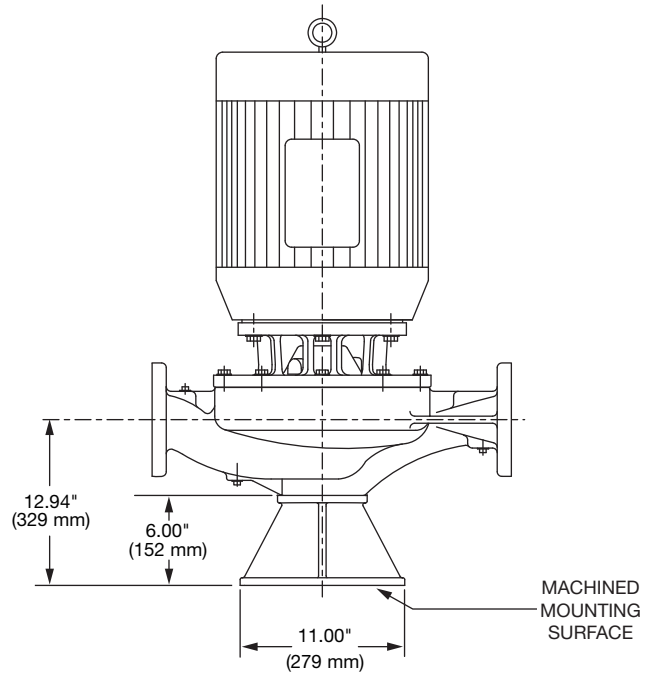
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4075	4 x 4 (102 x 102)	145JM	1	4  (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94  (176)	11.96 (303)	13.43 (341)	5.61  (142)	6.99  (177)	0.25  (6)	6.62 (168)
		182JM	1.5					11.96 (303)	13.94 (354)				7.88 (200)
		184JM	2					11.96 (303)	15.58 (396)				7.88 (200)
		213JM	3					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

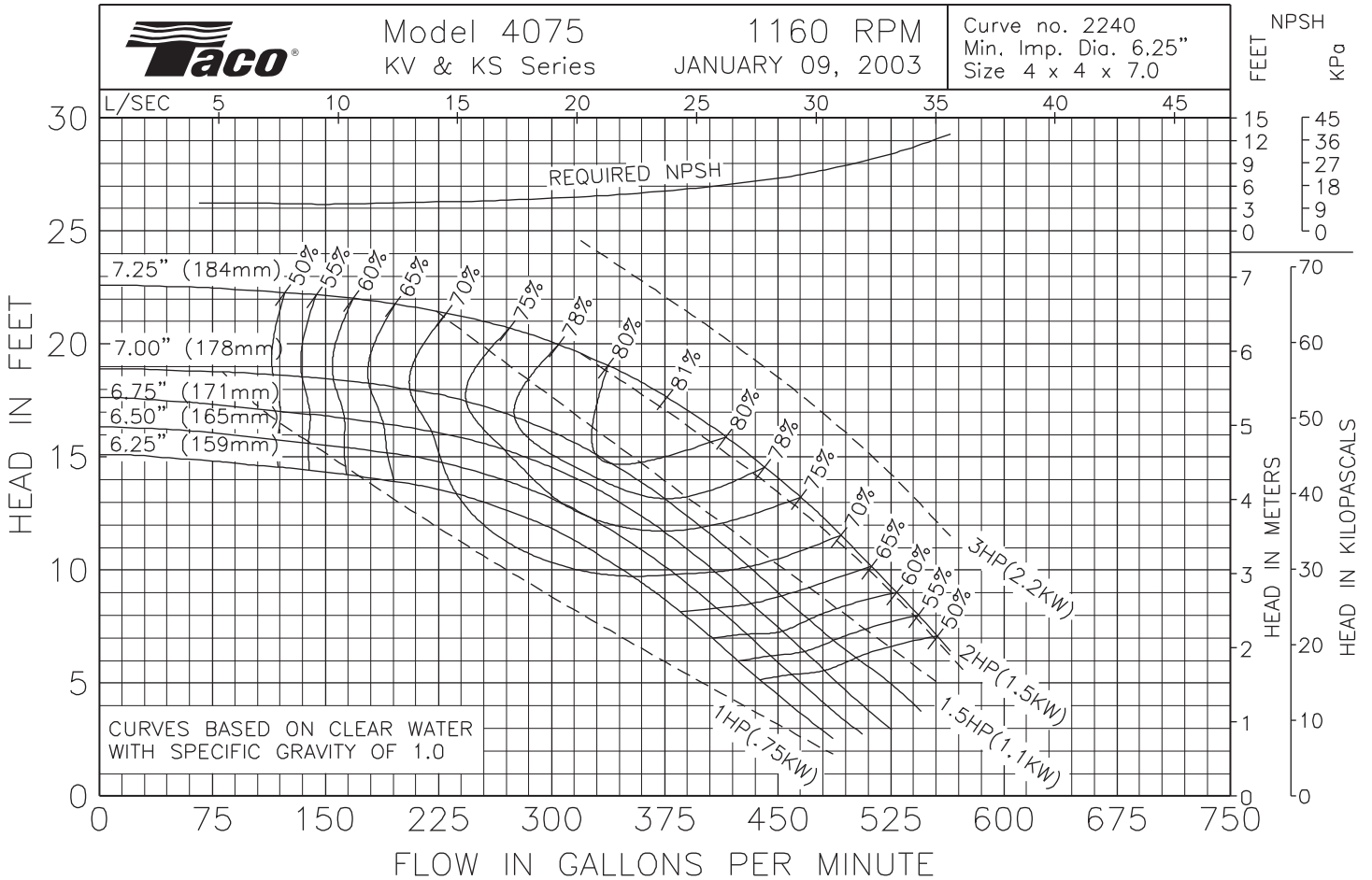
**OPERATING SPECIFICATIONS**

	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)
143T - 145T	177 (80)	203 (92)
182T - 184T	207 (94)	233 (106)
213T - 215T	219 (99)	245 (111)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1087

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

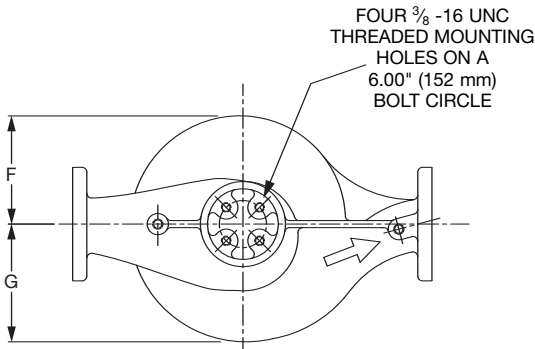
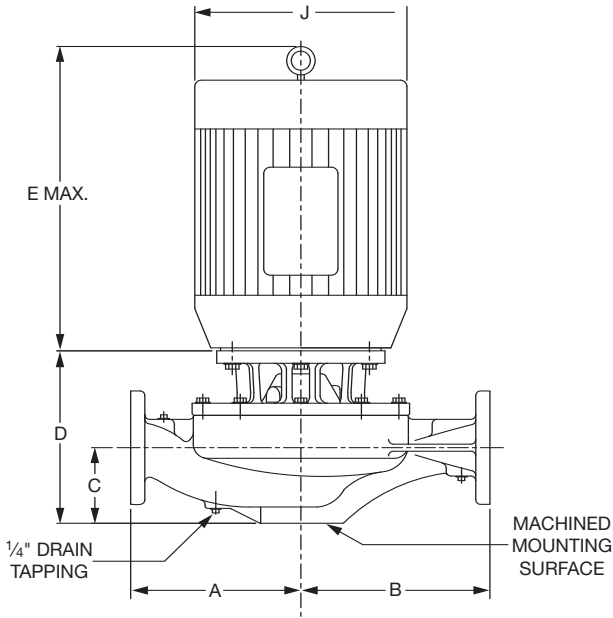
1160 RPM MODEL 5007

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

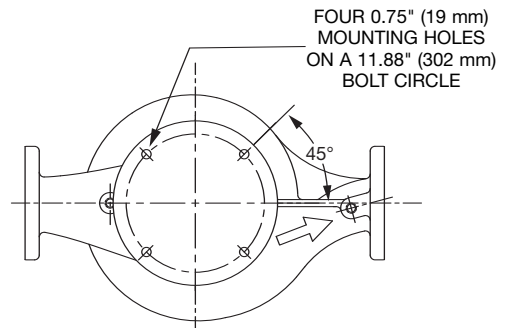
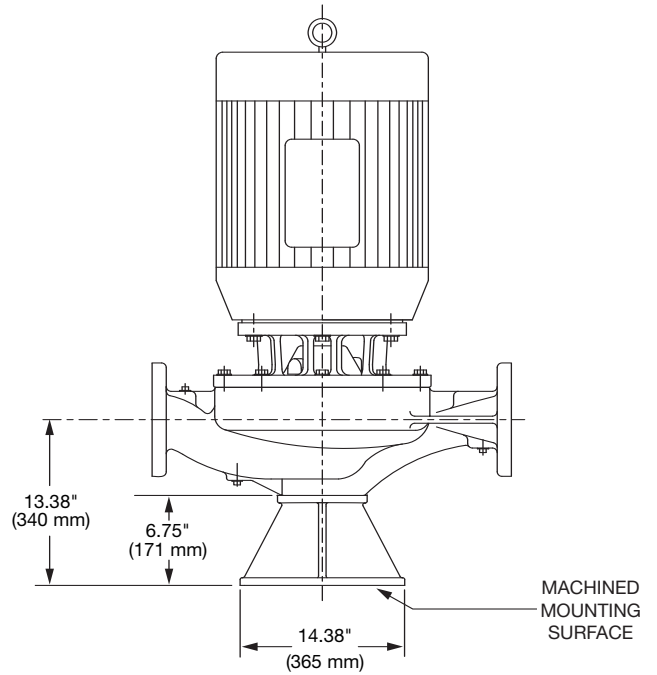
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5007	5 x 5 (127 x 127)	145JM	1	5 (127)	13.00 (330) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.63 (168)	11.58 (294)	13.43 (341)	6.42 (163)	7.91 (201)	0.25 (6)	6.62 (168)
		182JM	1.5					11.58 (294)	13.94 (354)				7.88 (200)
		184JM	2					11.58 (294)	15.58 (396)				7.88 (200)
		213JM	3					11.76 (299)	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

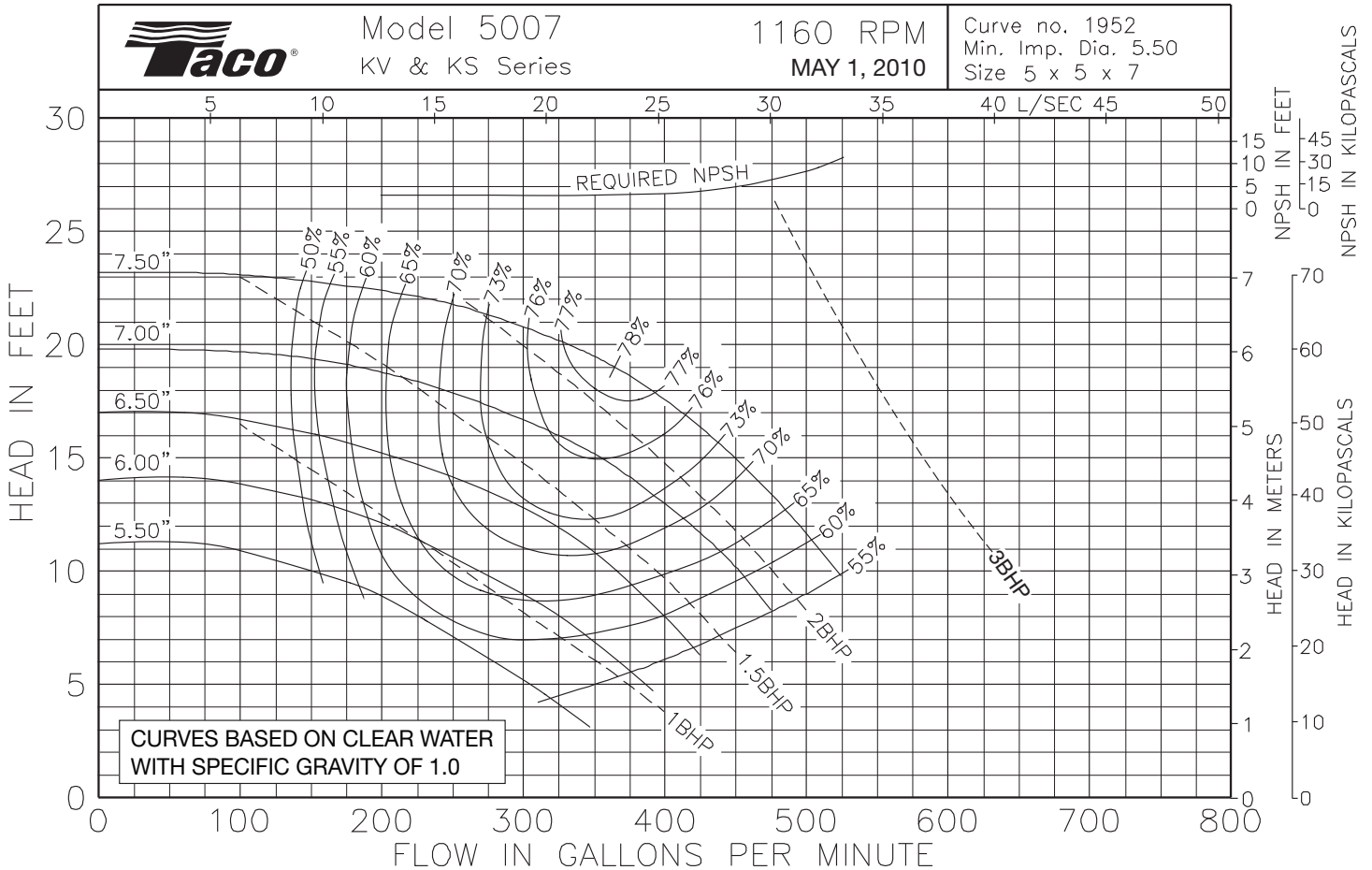
**OPERATING SPECIFICATIONS**

	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	233 (106)	299 (136)
182JM - 184JM	263 (119)	329 (149)
213JM - 215JM	291 (132)	357 (162)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1201

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

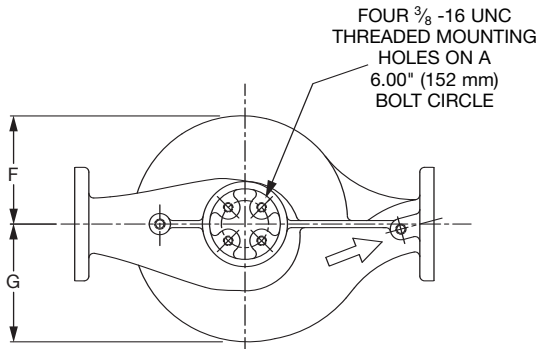
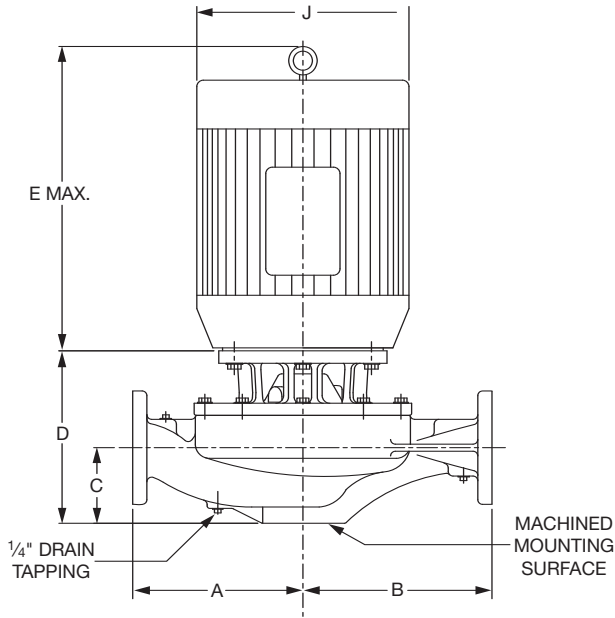
1160 RPM MODEL 5075

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

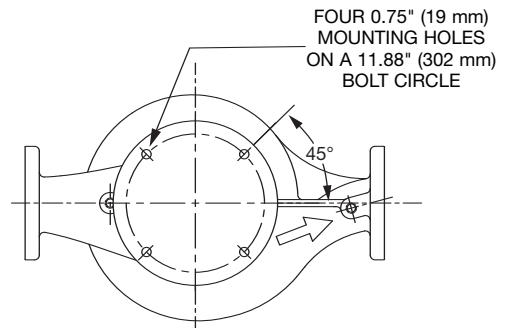
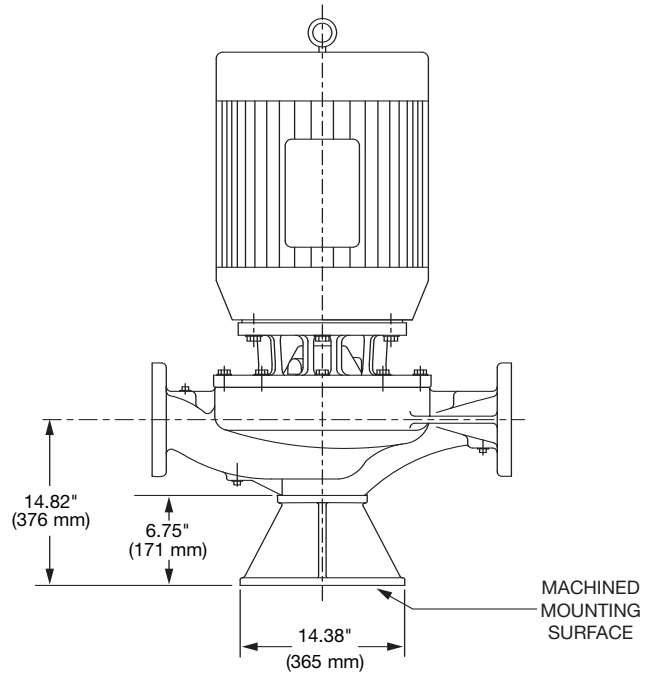
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5075	5 x 5 (127 x 127)	145JM	1	5 (127)	14.00 (355) if ANSI Class 125	11.00 (279) if ANSI Class 125	8.07 (205)	13.22 (335)	13.43 (341)	6.31 (160)	8.10 (205)	0.25 (6)	6.62 (168)
		182JM	1.5					13.22 (335)	13.94 (354)				7.88 (200)
		184JM	2					13.22 (335)	15.58 (396)				7.88 (200)
		213JM	3					13.22 (335)	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

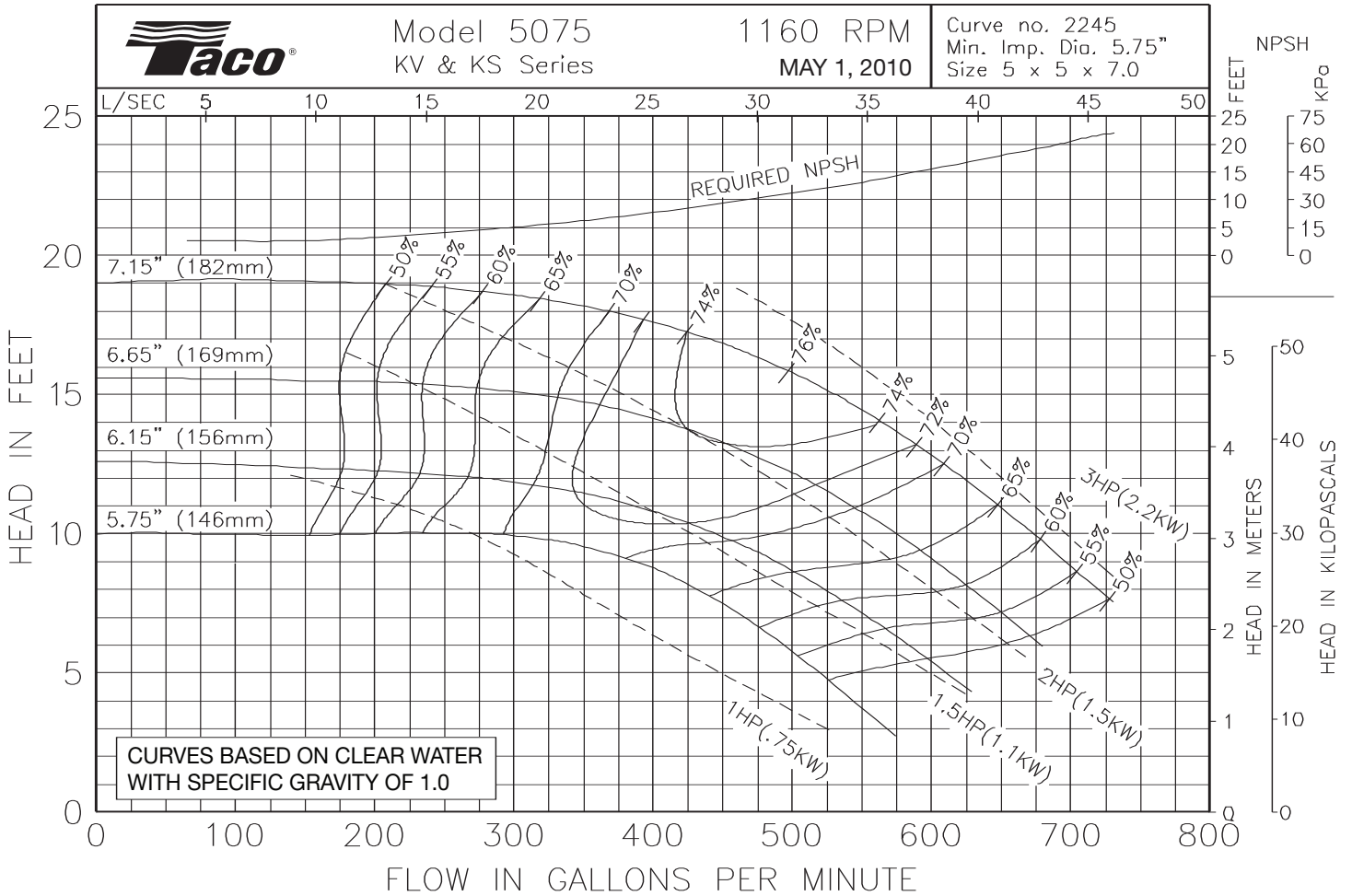
**OPERATING SPECIFICATIONS**

	Standard		Optional
	ANSI Class 125	ANSI Class 250	
Flange	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	237 (108)	303 (137)
182JM - 184JM	269 (122)	335 (152)
213JM - 215JM	295 (134)	361 (164)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1204

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

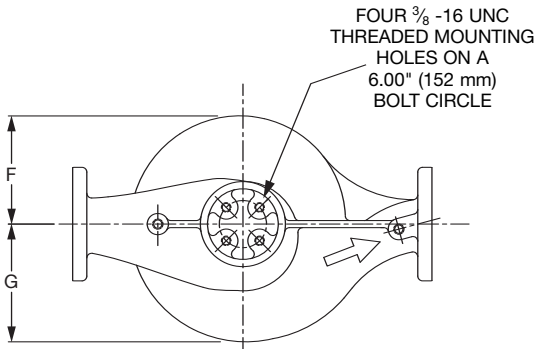
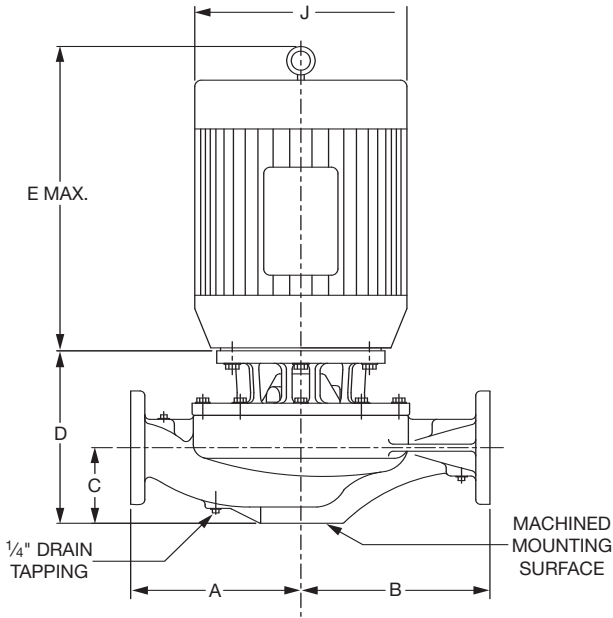
1160 RPM MODEL 5095

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

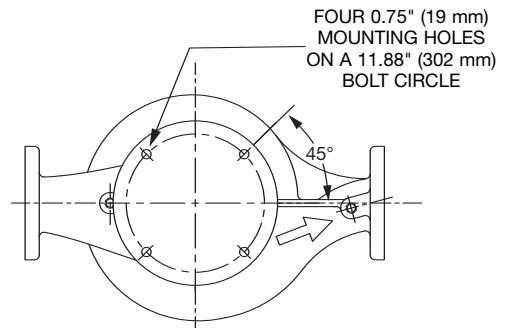
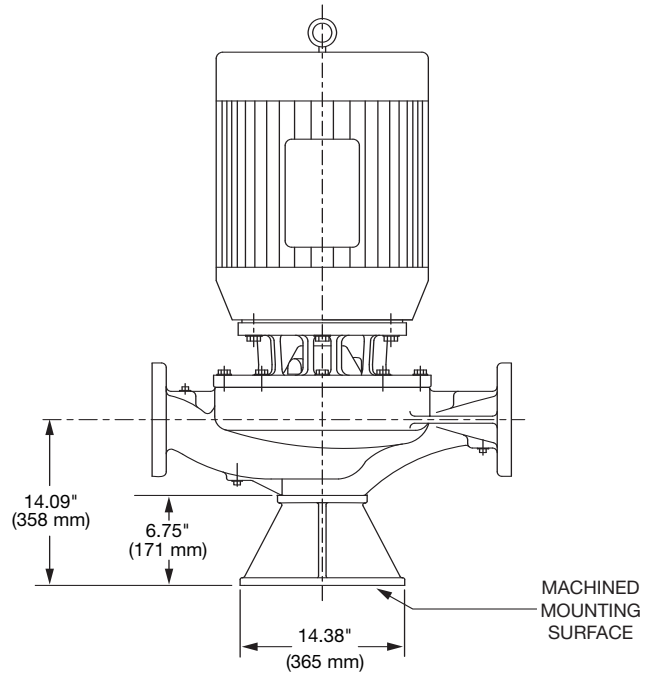
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5095	5 x 5 (127 x 127)	213JM	3	5  (127)	14.00 (355) if ANSI Class 125	11.00 (279) if ANSI Class 125	7.34  (186)	12.25 (311)	16.68 (424)	7.37  (187)	9.08  (230)	0.25  (6)	9.56 (234)
		215JM	5					12.25 (311)	18.18 (462)				9.56 (234)
		254JM	7.5					12.87 (326)	17.83 (453)				12.94 (329)
					14.44 (366) if ANSI Class 250	11.44 (291) 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

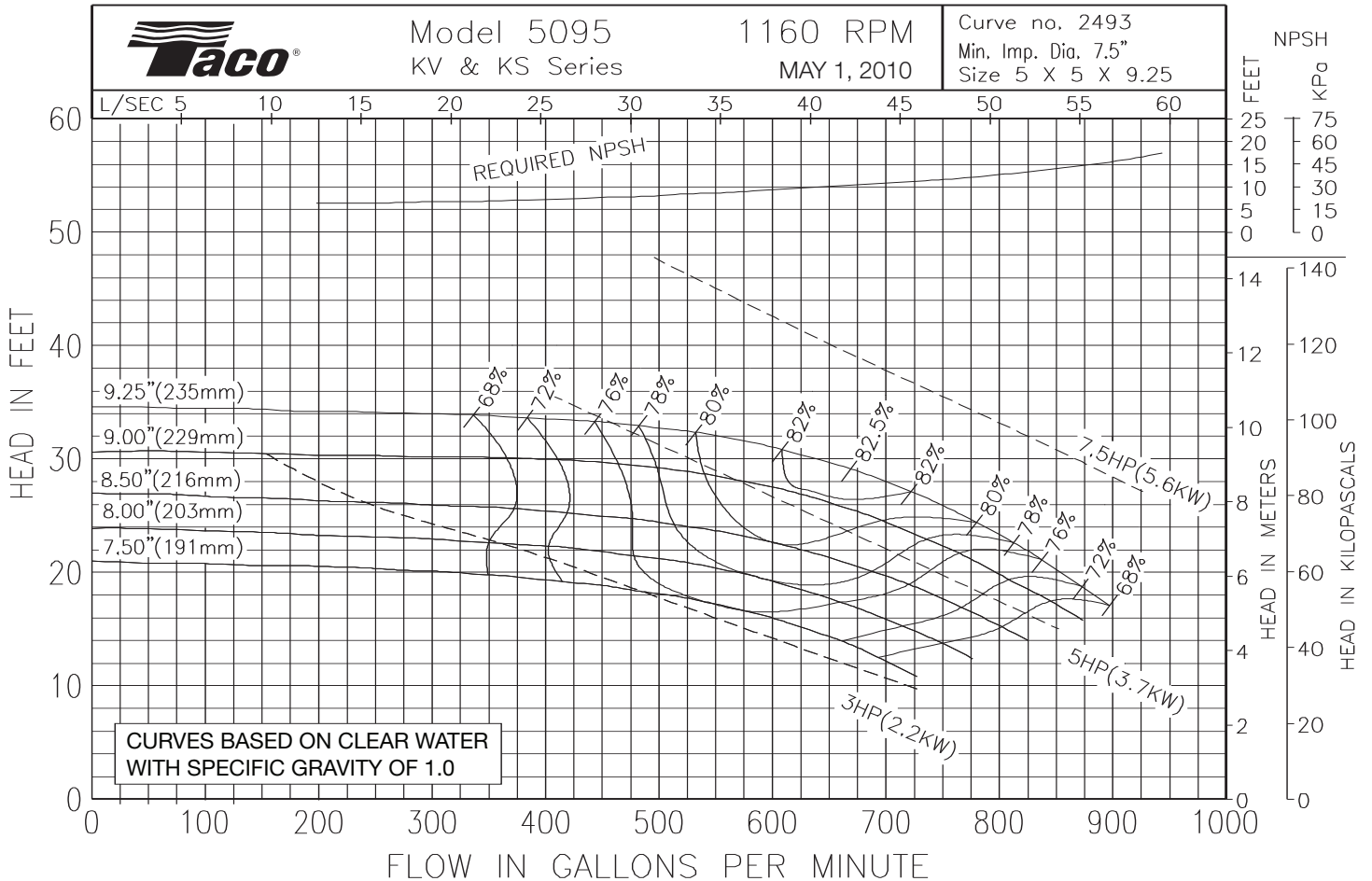
**OPERATING SPECIFICATIONS**

	Standard		Optional
	ANSI Class 125	ANSI Class 250	
Flange	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	324 (147)	390 (177)
254JM - 256JM	349 (158)	415 (188)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1050

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

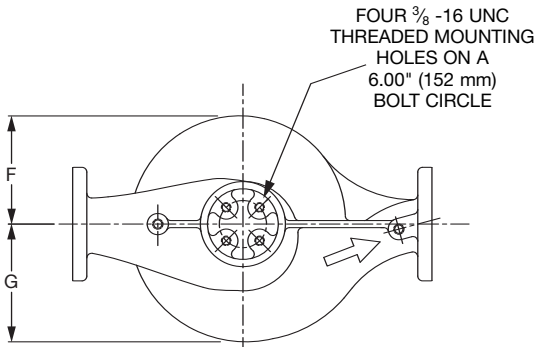
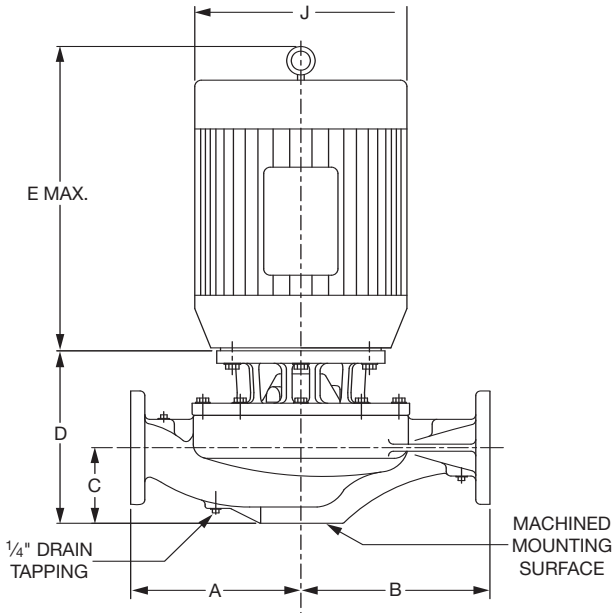
1160 RPM MODEL 6009

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

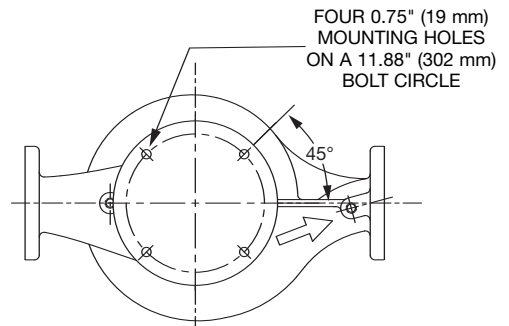
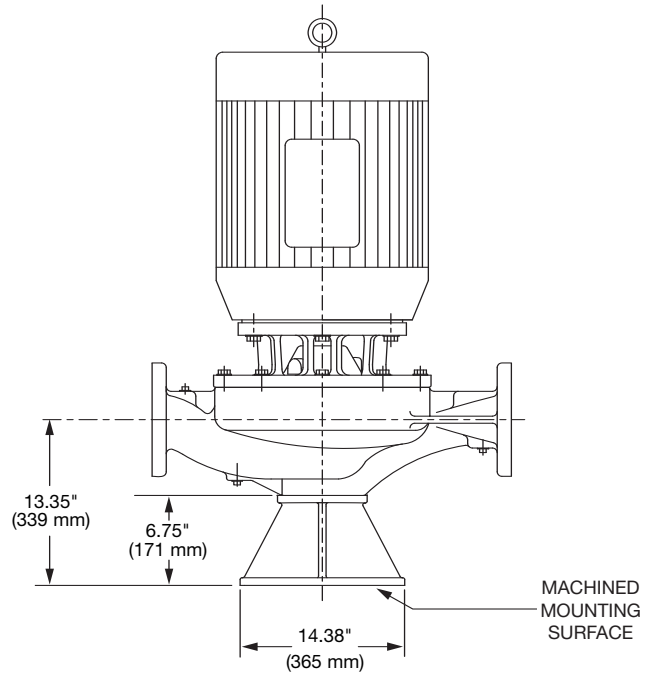
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6009	6 x 6 (152 x 152)	184JM	2	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	3					11.44 (291)	16.68 (424)				9.56 (243)
		215JM	5					11.44 (291)	18.18 (462)				9.56 (243)
		254JM	7.5					12.63 (306)	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

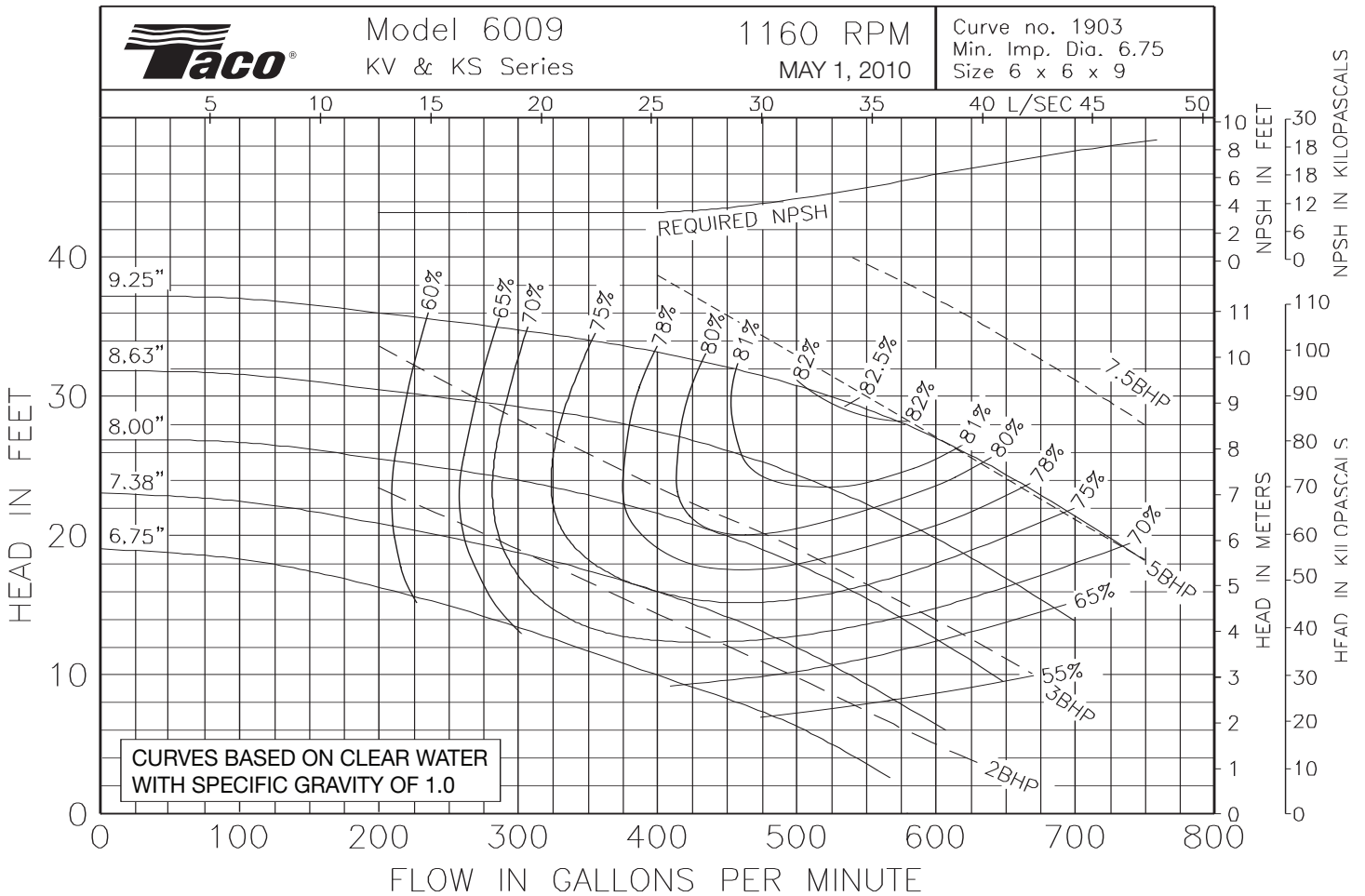
**OPERATING SPECIFICATIONS**

	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	317 (144)	383 (174)
213JM - 215JM	368 (167)	434 (197)
254JM - 256JM	459 (208)	525 (238)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1051

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

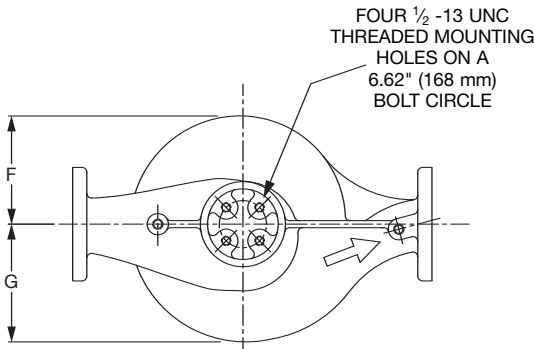
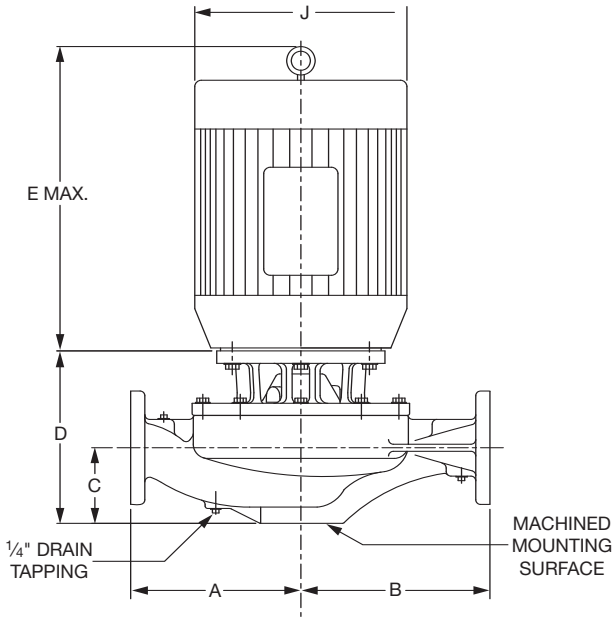
1160 RPM MODEL 6011

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

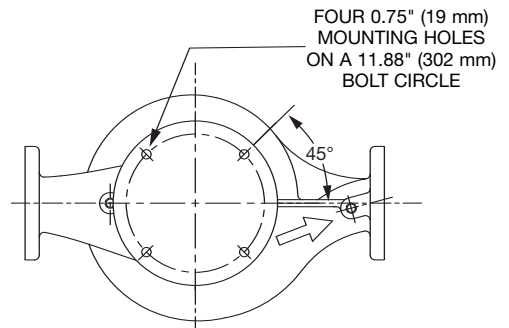
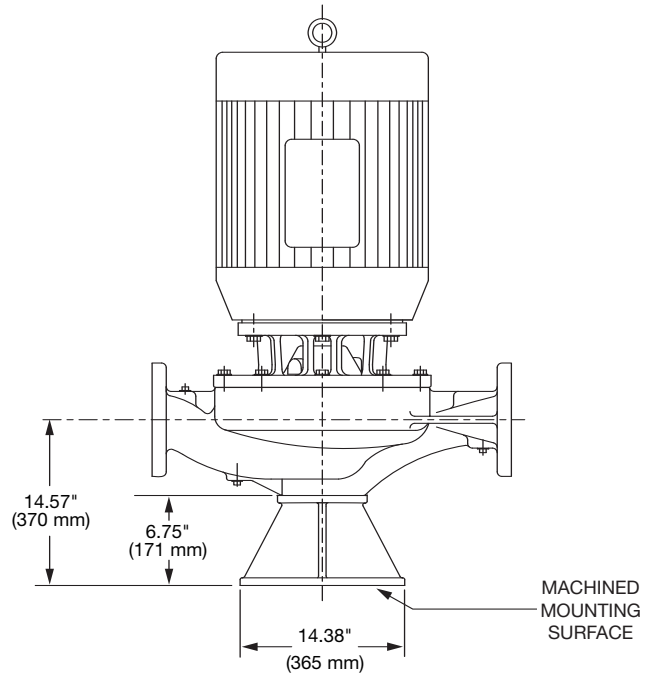
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6011	6 x 6 (152 x 152)	213JM	3	6 (152)	16.00 (406) if ANSI Class 125	17.50 (445) if ANSI Class 125	7.82 (199)	12.86 (327)	16.68 (424)	8.61 (219)	10.25 (260)	0.25 (6)	9.56 (243)
		215JM	5					12.86 (327)	18.18 (462)				9.56 (243)
		254JM	7.5					13.52 (343)	17.83 (453)				12.94 (329)
		256JM	10					13.52 (343)	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

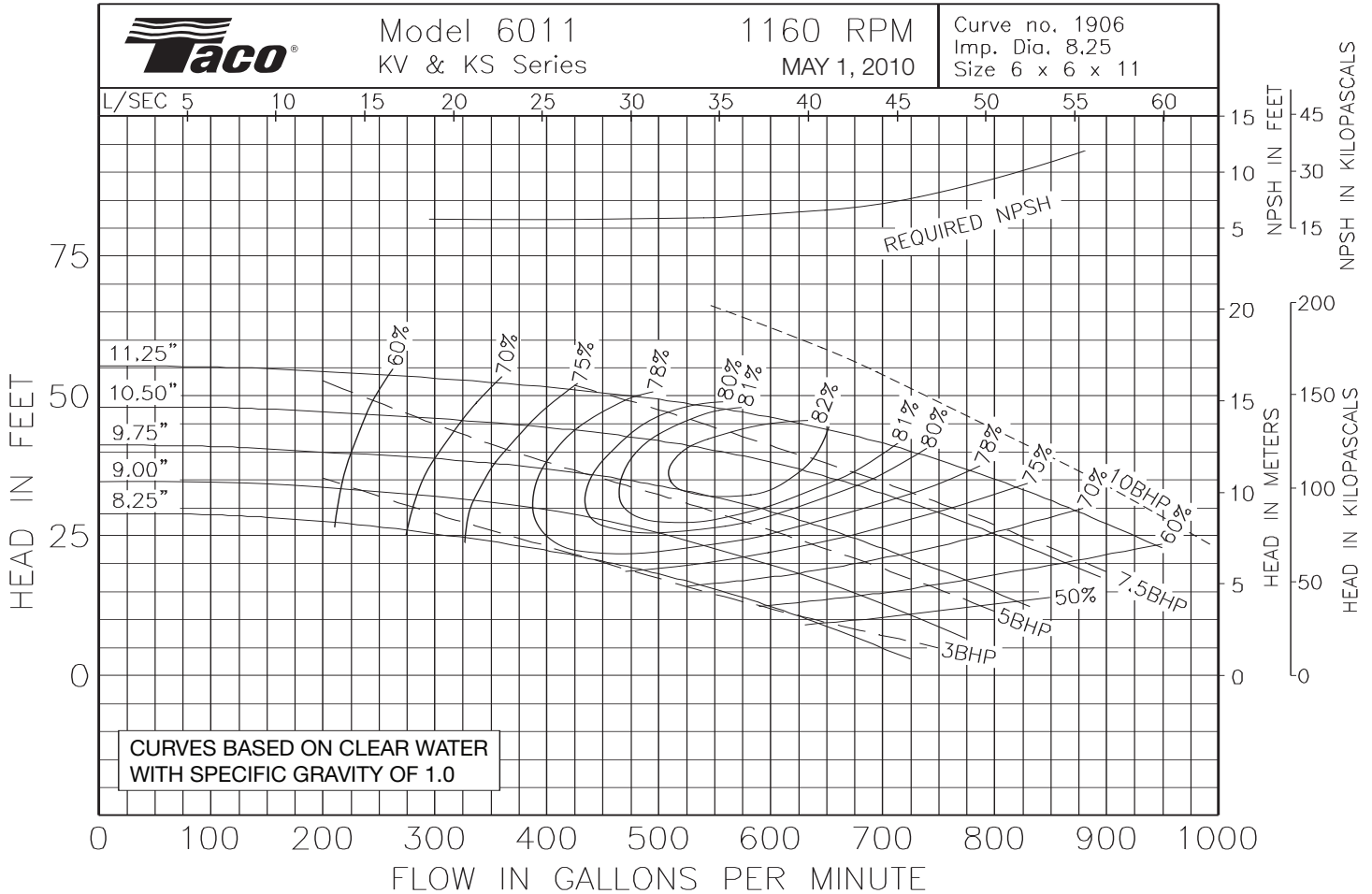
**OPERATING SPECIFICATIONS**

	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	435 (197)	501 (227)
254JM - 256JM	595 (270)	661 (300)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1055

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

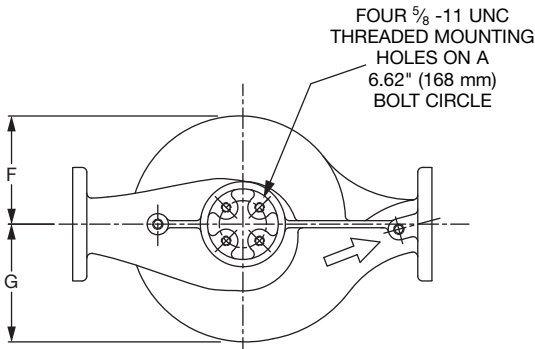
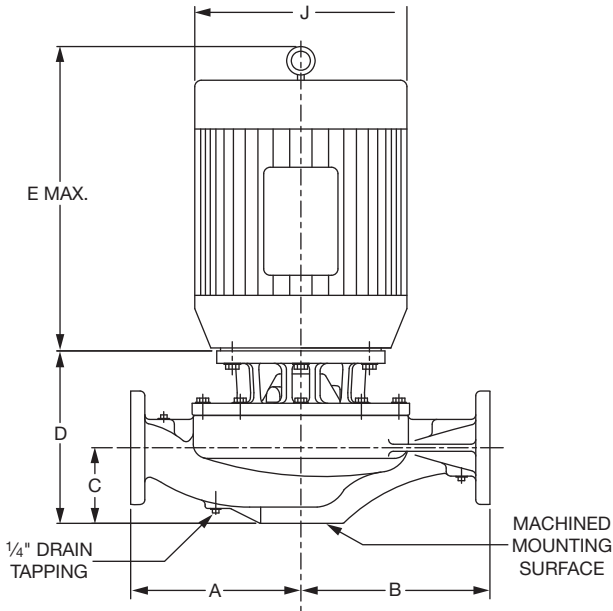
1160 RPM MODEL 6013

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

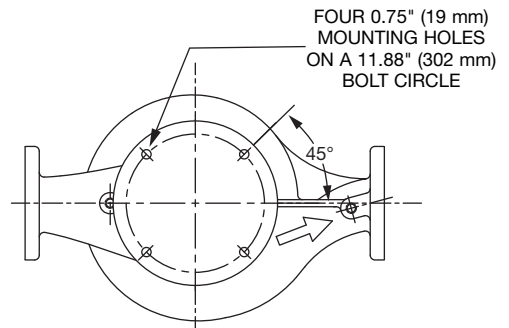
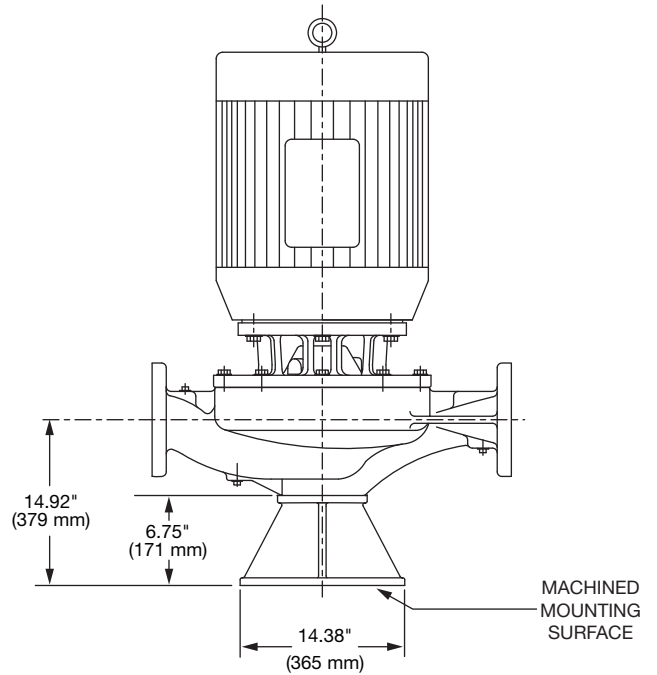
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

\*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
6013	6 x 6 (152 x 152)	215JM	5	6 (152)	17.00 (432) if ANSI Class 125	17.00 (432) if ANSI Class 125	8.17 (208)	13.55 (344)	18.18 (462)	9.30 (236)	11.48 (292)	0.25 (6)	9.56 (243)
		254JM	7.5					13.98 (355)	17.83 (453)				12.94 (329)
		256JM	10					13.98 (355)	19.91 (506)				12.94 (329)
		284JM	15					13.98 (355)	23.39 (594)				15.29 (388)
		286JM	20					13.98 (355)	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

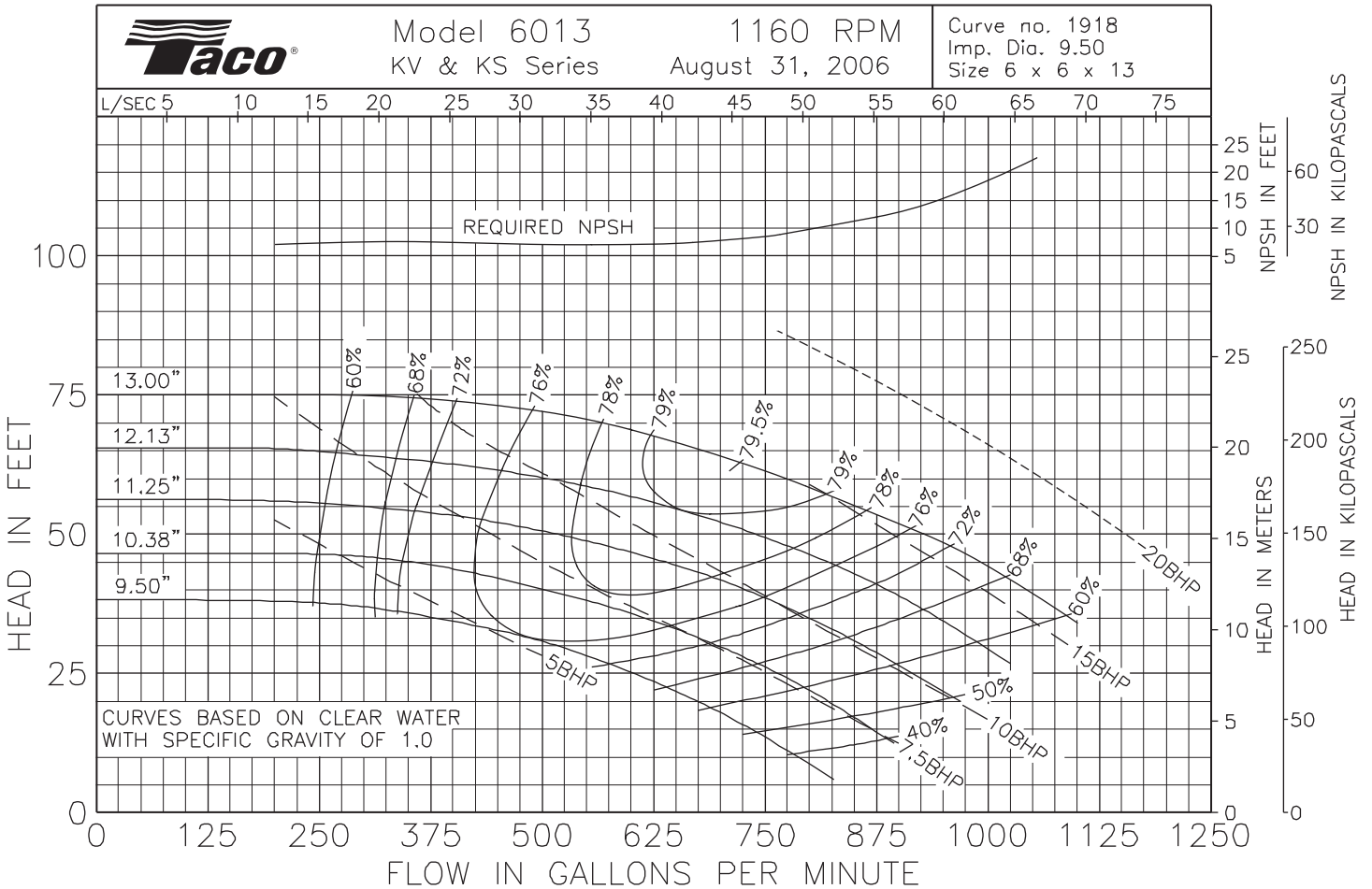
Motors: All NEMA Standard (T Frame)

\* 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	505 (229)	571 (259)
254JM - 256JM	620 (281)	686 (311)
284JM - 286JM	781 (354)	847 (384)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1052

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

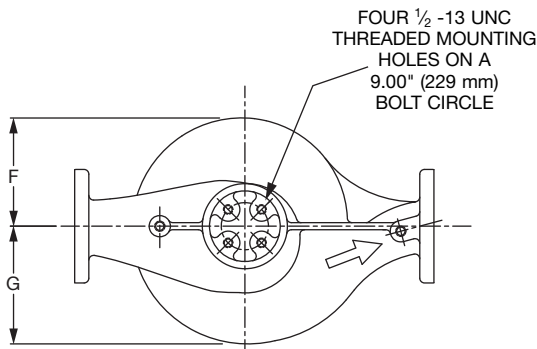
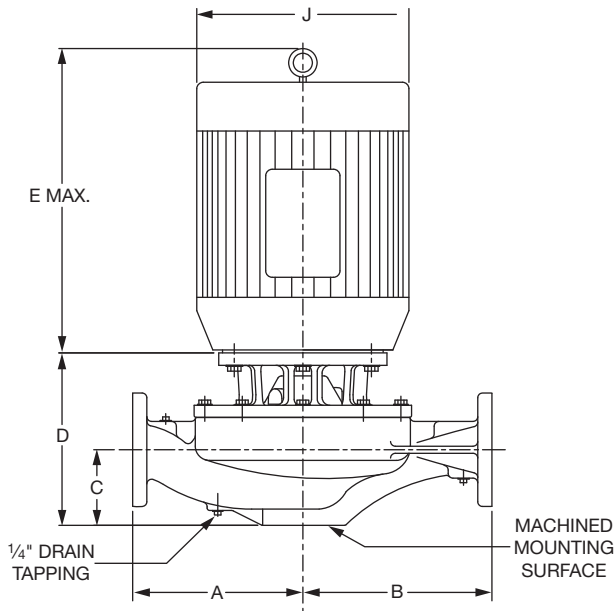
1160 RPM MODEL 8011

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

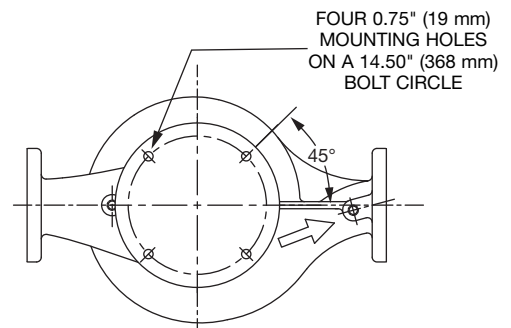
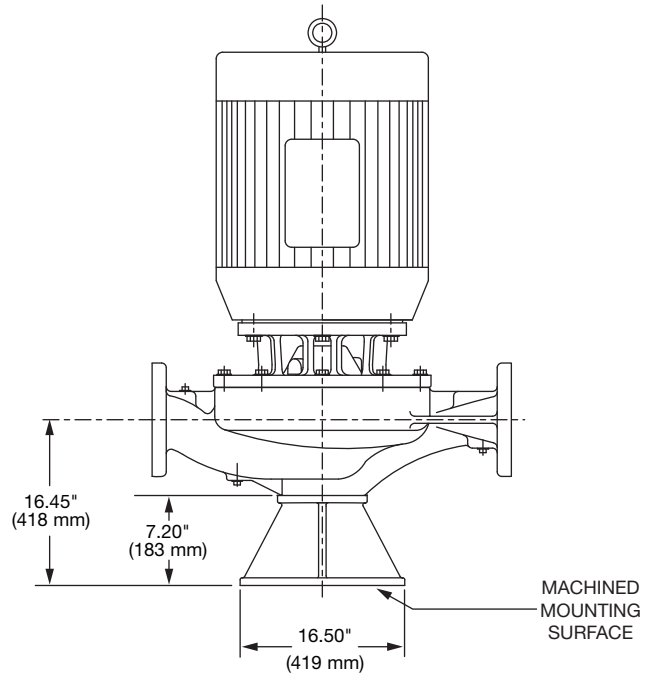
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
8011	8 x 8 (203 x 203)	215JM	5	8 (203)	20.00 (508) if ANSI Class 125	19.50 (495) if ANSI Class 125	9.25 (235)	15.25 (387)	18.18 (462)	9.57 (243)	12.75 (324)	0.25 (6)	9.56 (234)
		254JM	7.5					15.25 (387)	17.83 (453)				12.94 (329)
		256JM	10					15.25 (387)	19.91 (506)				12.94 (329)
		284JM	15					15.25 (387)	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

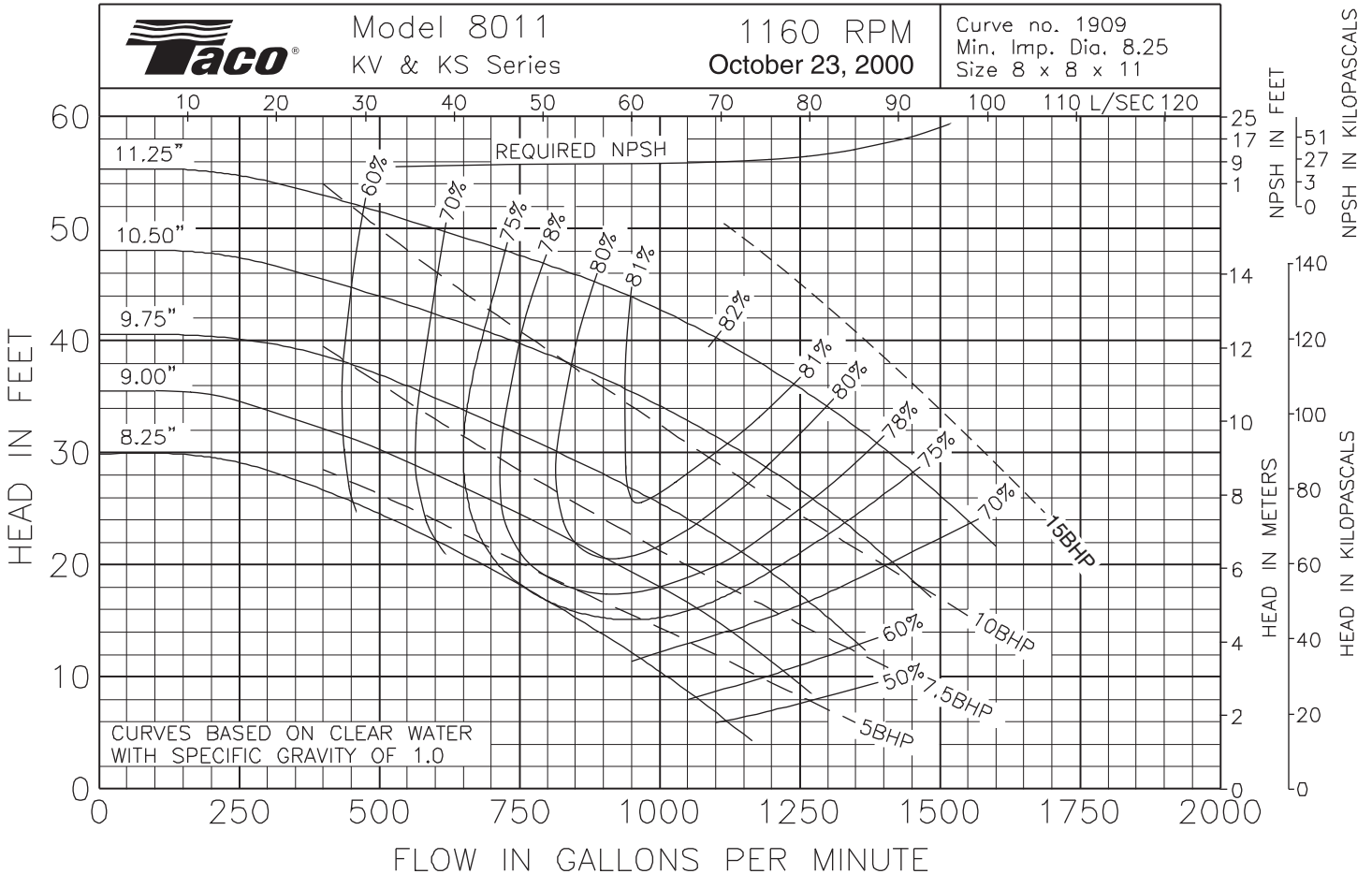
**OPERATING SPECIFICATIONS**

	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	632 (287)	732 (332)
254JM - 256JM	725 (329)	825 (374)
284JM - 286JM	853 (387)	953 (432)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1056

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

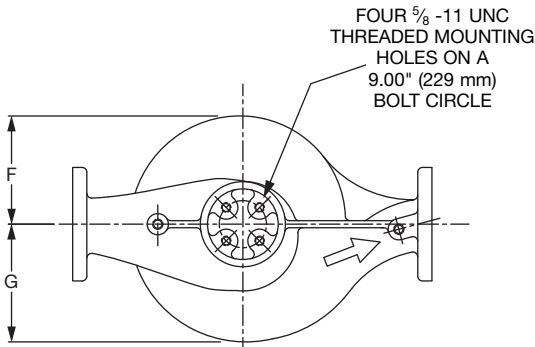
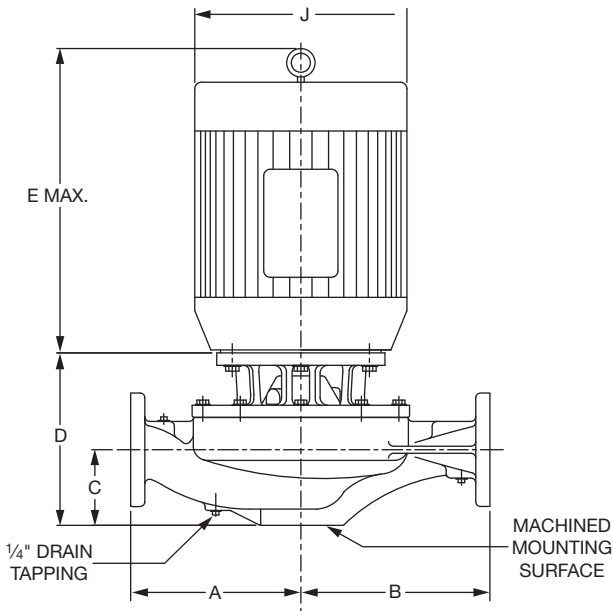
1160 RPM MODEL 8013

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

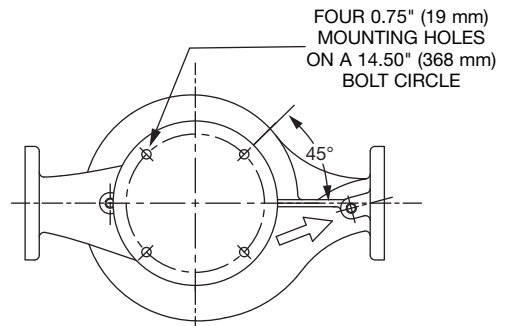
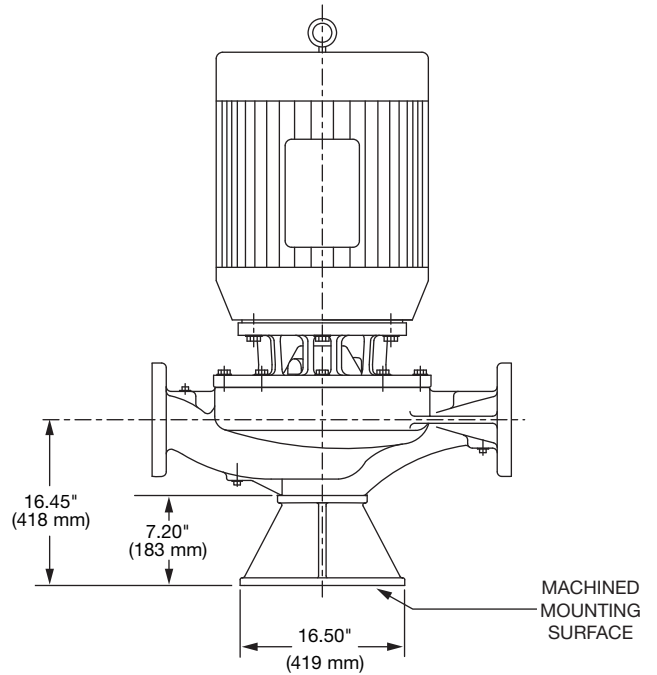
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 1160 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
8013	8 x 8 (203 x 203)	256JM	10	8 (203)	20.00 (508) if ANSI Class 125	21.00 (533) if ANSI Class 125	9.25 (235)	15.29 (388)	19.91 (506)	10.44 (265)	13.40 (340)	0.25 (6)	12.94 (329)
		284JM	15					15.29 (388)	23.39 (594)				15.29 (388)
		286JM	20					15.29 (388)	23.39 (594)				15.29 (388)
		324JM	25					15.29 (388)	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

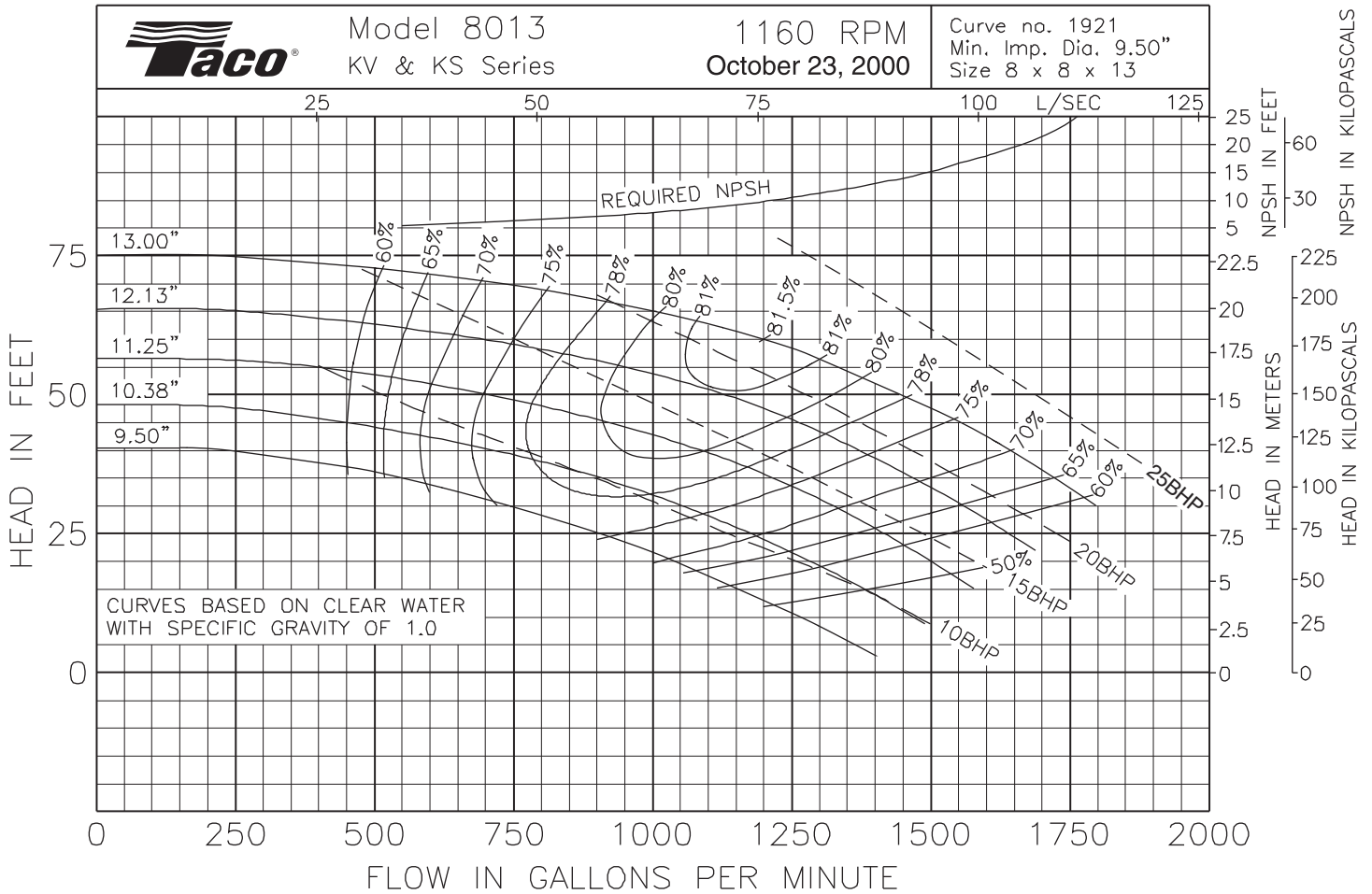
**OPERATING SPECIFICATIONS**

	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	887 (402)	987 (448)
284JM - 286JM	1018 (462)	1118 (507)
324JM - 326JM	1182 (536)	1282 (582)



Comments:

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