



# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1108

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

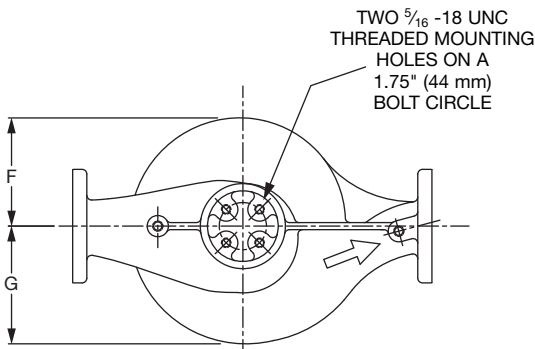
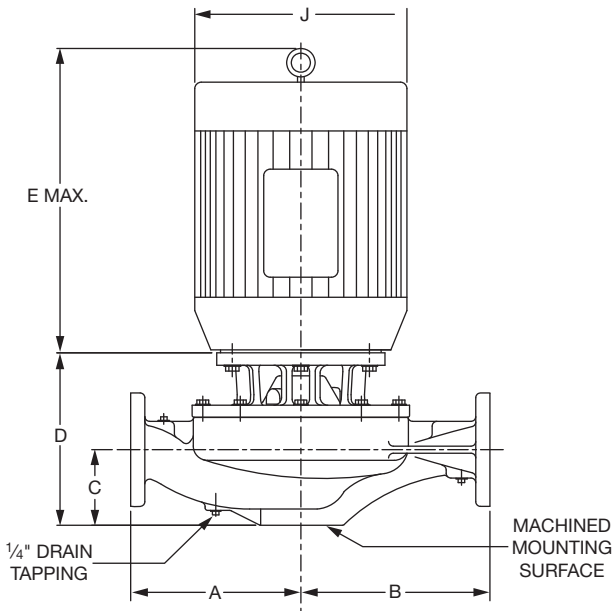
3500 RPM MODEL 1506

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

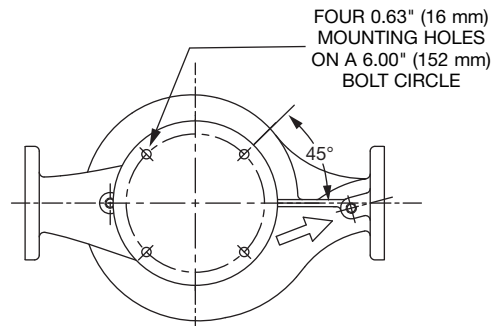
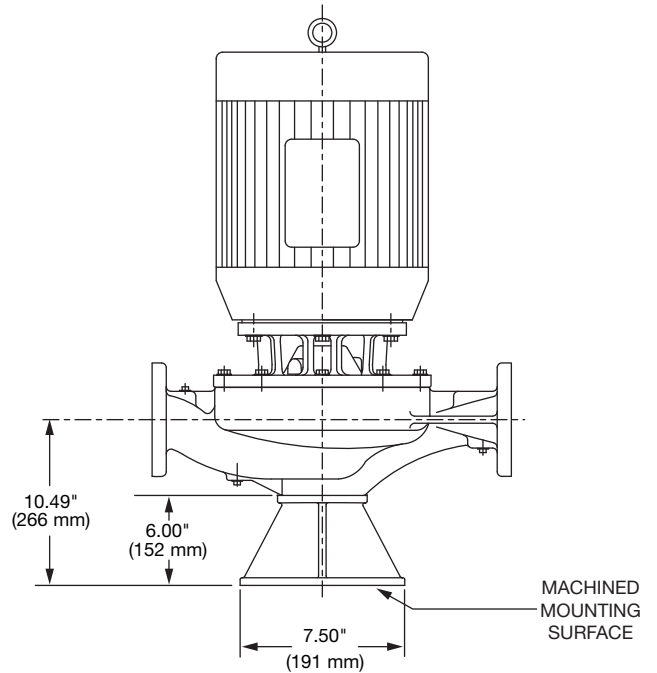
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
1506	1.5 x 1.5 (38 x 38)	145JM	2	1.5  (38)	7.50 (191) if ANSI Class 125	7.50 (191) if ANSI Class 125	4.49  (114)	8.65 (220)	13.43 (341)	4.13	4.63 (118)	0.25 (6)	6.62 (168)
			3					8.65 (220)	13.43 (341)				6.62 (168)
		182JM	5					8.65 (220)	13.94 (354)				7.88 (200)
		184JM	7.5					8.65 (220)	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

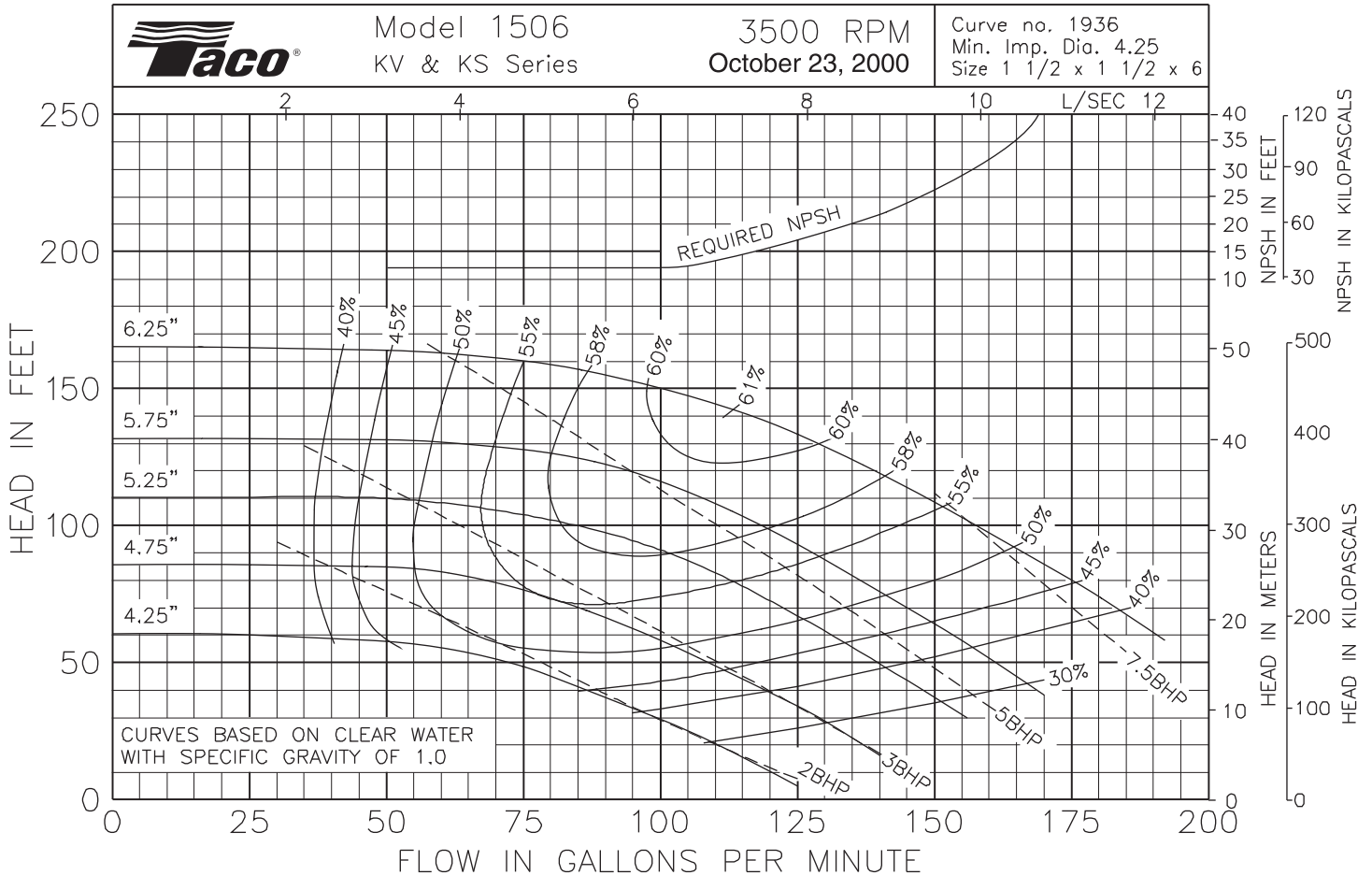
**OPERATING SPECIFICATIONS**

	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	116 (53)	126 (57)
182JM - 184JM	171 (78)	181 (82)



Comments:

**Do it Once. Do it Right.®**

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1111

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

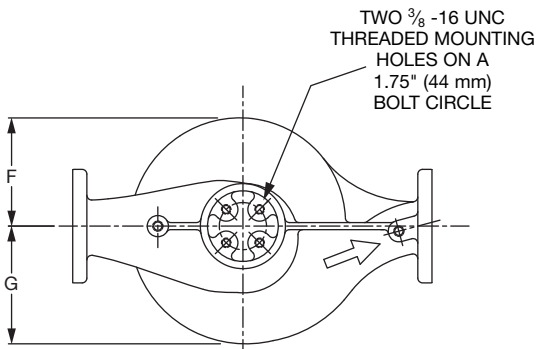
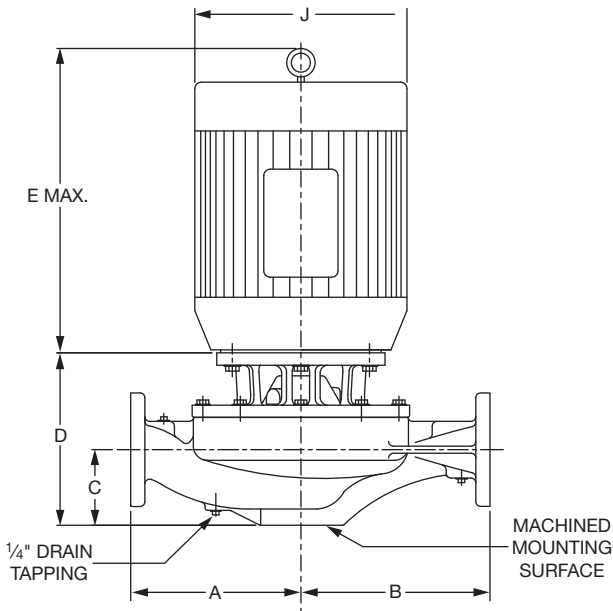
3500 RPM MODEL 1507

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

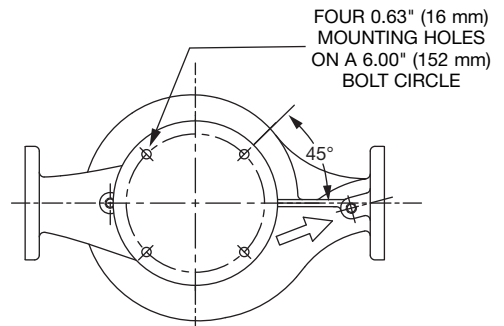
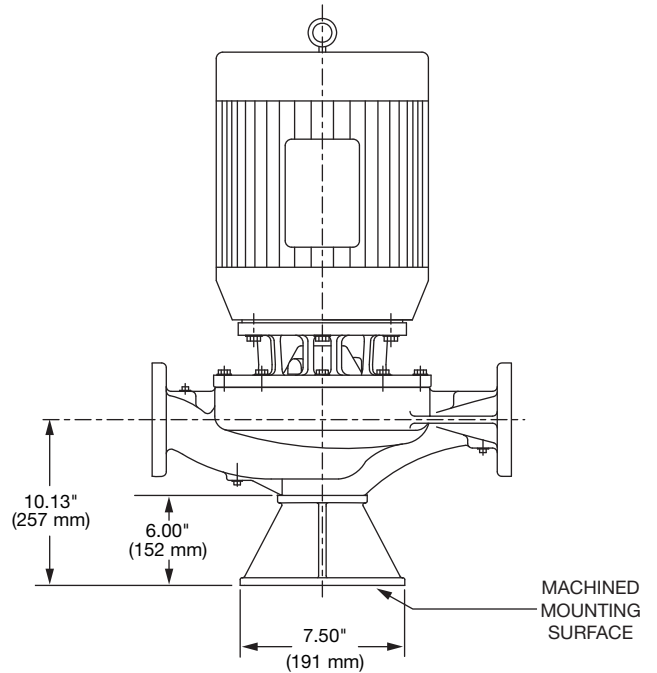
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
1507	1.5 x 1.5 (38 x 38)	182JM	5	1.5  (38)	8.00 (203) if ANSI Class 125	8.00 (203) if ANSI Class 125	4.13  (105)	8.42 (214)	13.94 (354)	4.88  (124)	5.16  (131)	0.25  (6)	7.88 (200)
		184JM	7.5					8.42 (214)	15.58 (396)				7.88 (200)
		213JM	10					8.60 (218)	16.68 (424)				9.56 (243)
		215JM	15**					8.60 (218)	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.

\*\* 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	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

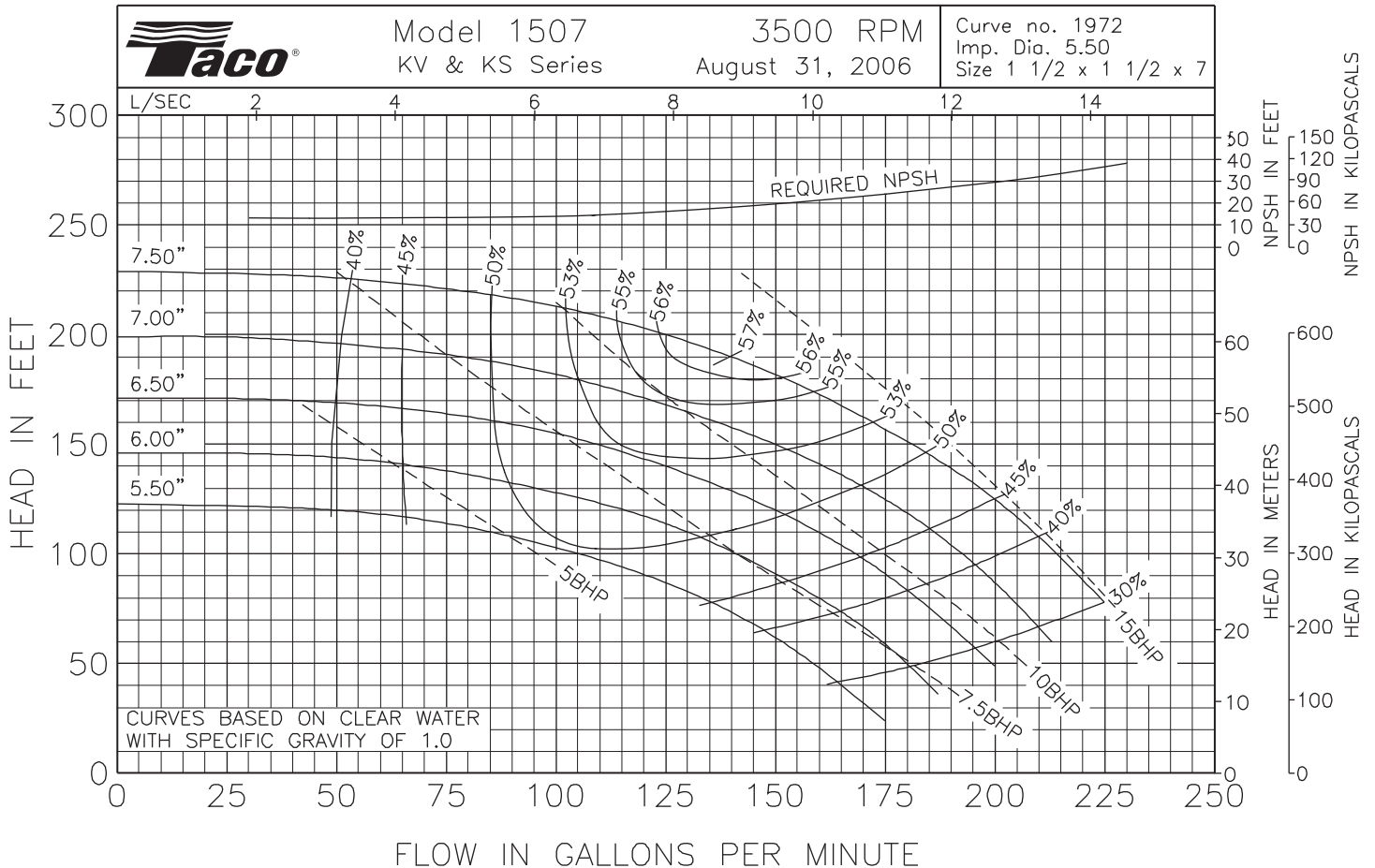
Motors: All NEMA Standard (T Frame)

\* 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	179 (81)	189 (86)
213JM - 215JM	221 (100)	231 (105)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1120

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

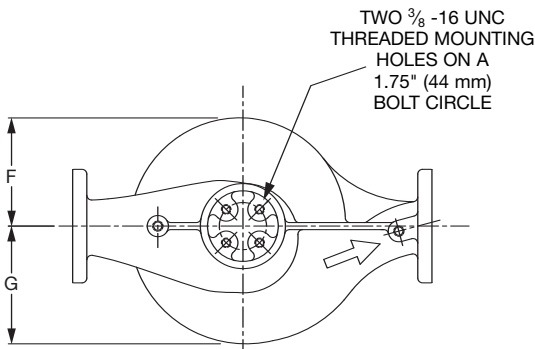
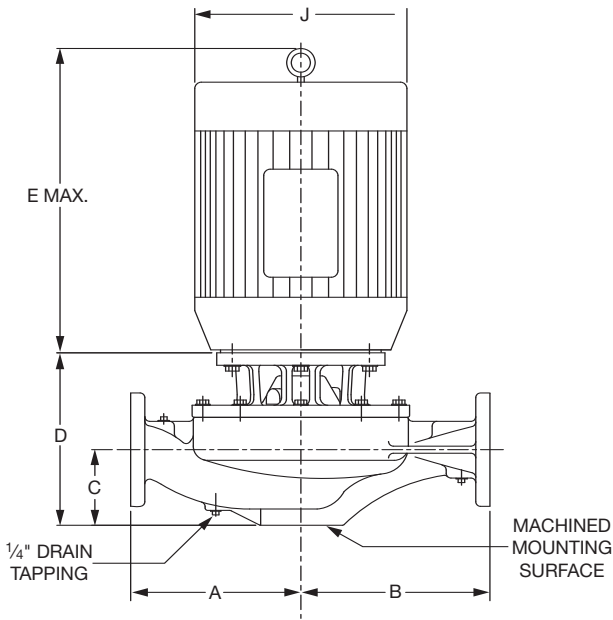
3500 RPM MODEL 1509

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

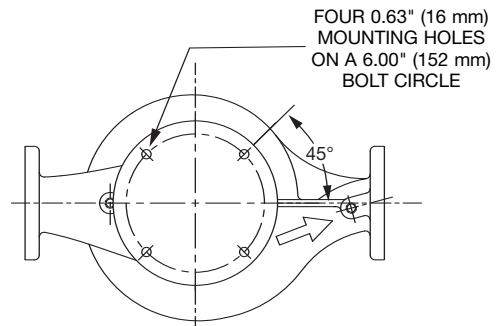
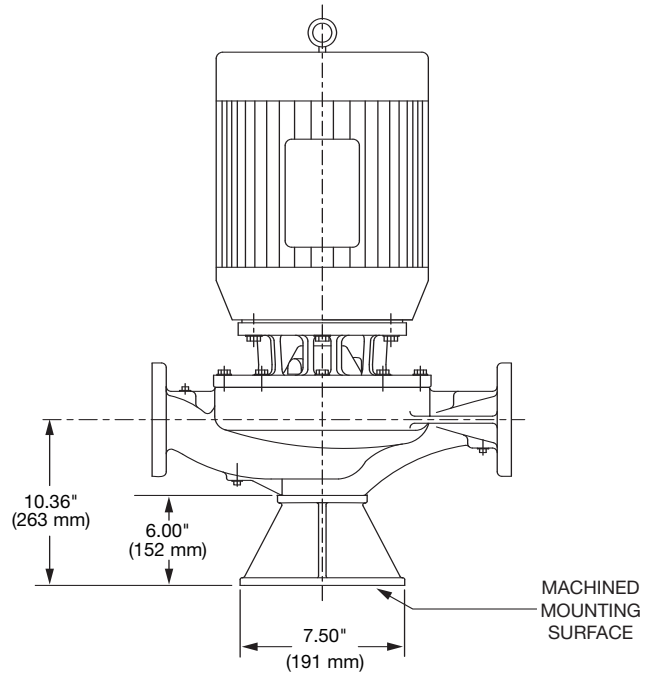
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 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)	213JM	10	1.5 (38)	8.00 (203) if ANSI Class 125	8.00 (203) if ANSI Class 125	4.36 (111)	9.19 (233)	15.58 (396)	5.72 (145)	6.22 (158)	0.25 (6)	7.88 (200)
		215JM	15					9.19 (233)	18.18 (462)				9.56 (234)
		254JM	20					9.81 (249)	17.83 (453)				12.94 (329)
		256JM	25**					9.81 (249)	19.91 (506)				12.94 (329)
		284JM	30**					9.81 (249)	23.39 (594)				15.29 (388)
		286JM	40**					9.81 (249)	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.

\*\* 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

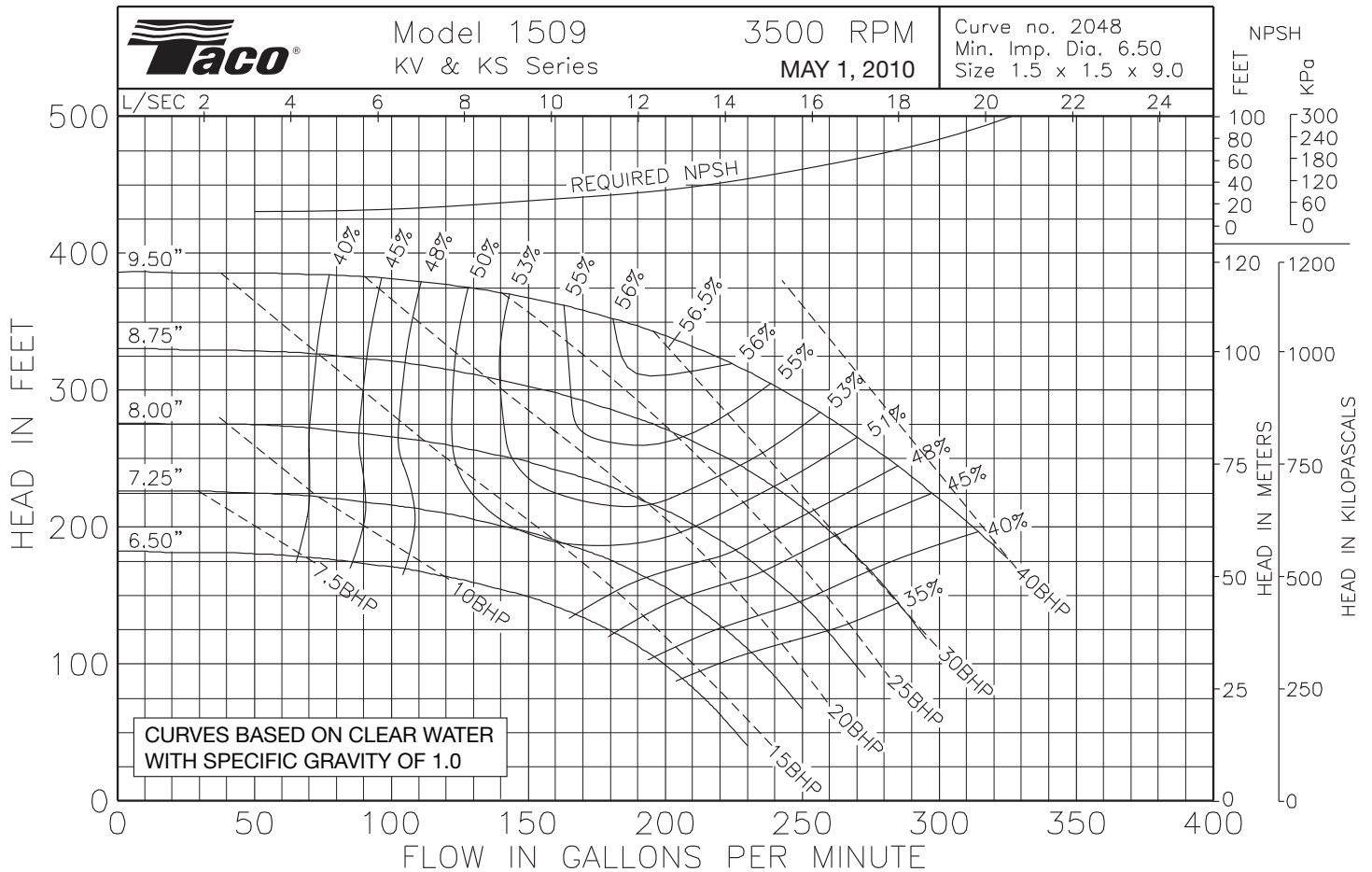
Motors: All NEMA Standard (T Frame)

\* 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)
213JM - 215JM	365 (166)	375 (170)
254JM - 256JM	450 (204)	460 (209)
284JM - 286JM	586 (266)	596 (270)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1109

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

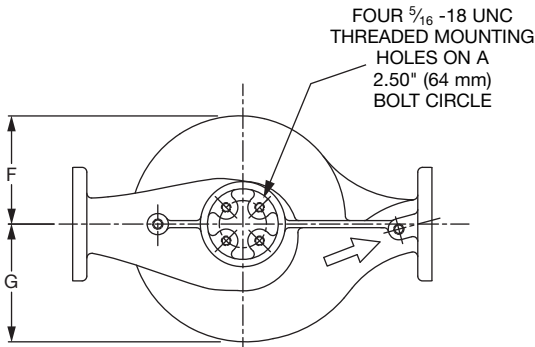
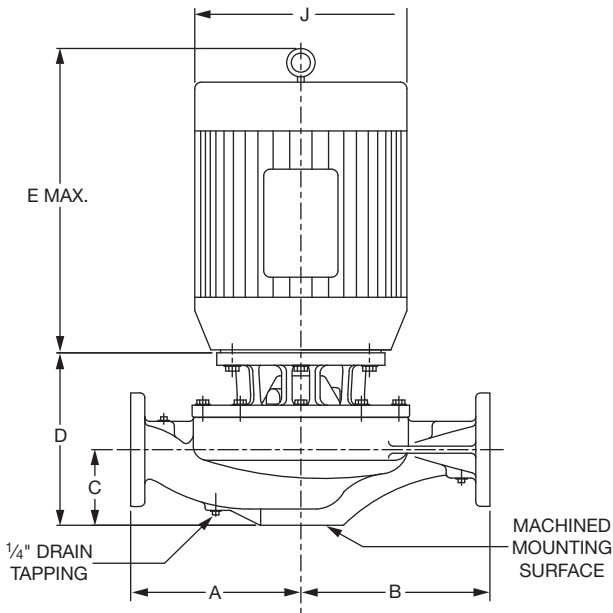
3500 RPM MODEL 2006

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

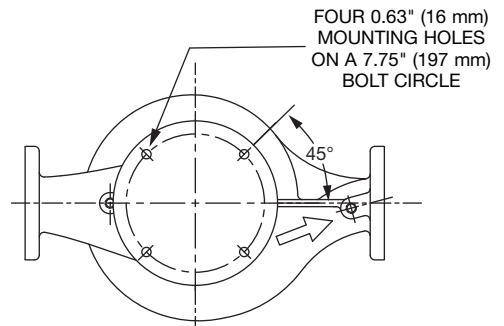
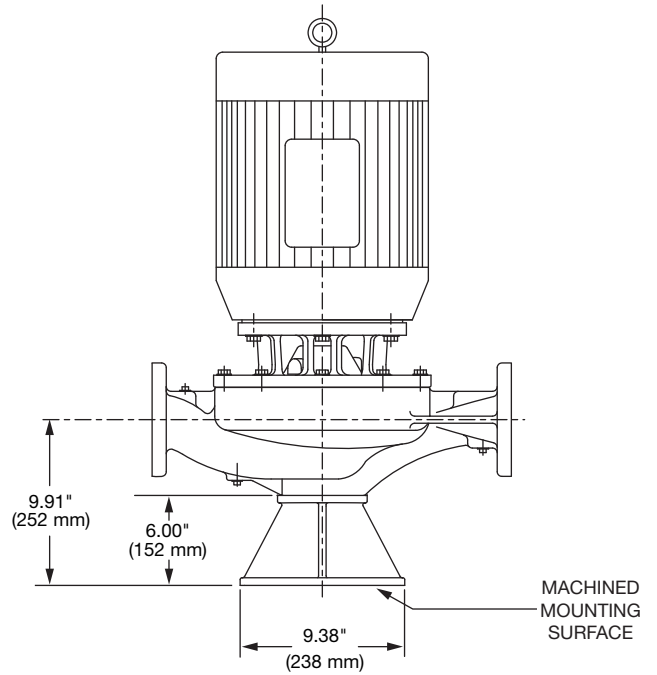
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2006	2 x 2 (51 x 51)	145JM	2	2 (51)	7.50 (191) if ANSI Class 125	8.00 (203) if ANSI Class 125	3.91 (99)	8.11 (206)	13.43 (341)	4.41 (112)	5.14 (131)	0.25 (6)	6.62 (168)
			3					8.11 (206)	13.43 (341)				6.62 (168)
		182JM	5					8.11 (206)	13.94 (354)				7.88 (200)
		184JM	7.5					8.11 (206)	15.58 (396)				7.88 (200)
		213JM	10					8.11 (206)	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

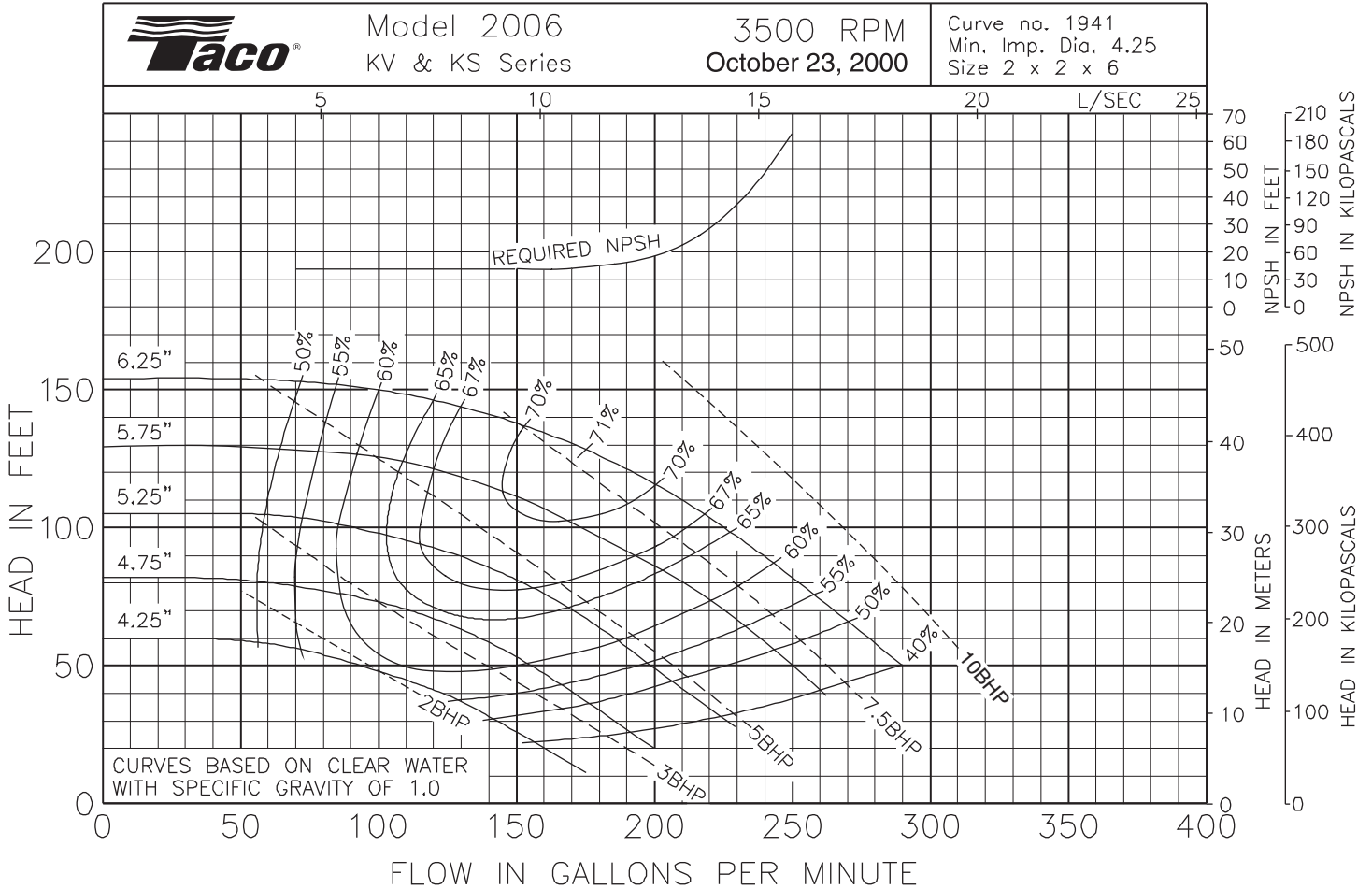
**OPERATING SPECIFICATIONS**

	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	131 (59)	150 (68)
182JM - 184JM	186 (84)	205 (93)
213JM - 215JM	208 (94)	227 (103)



Comments:

**Do it Once. Do it Right.®**

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1112

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

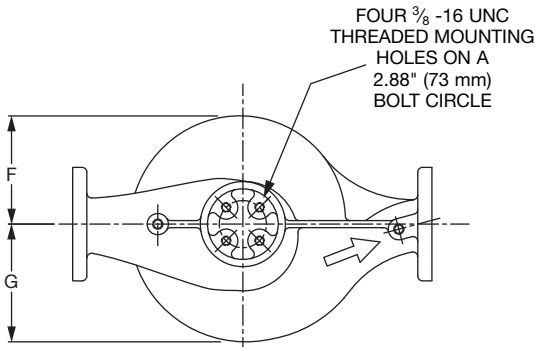
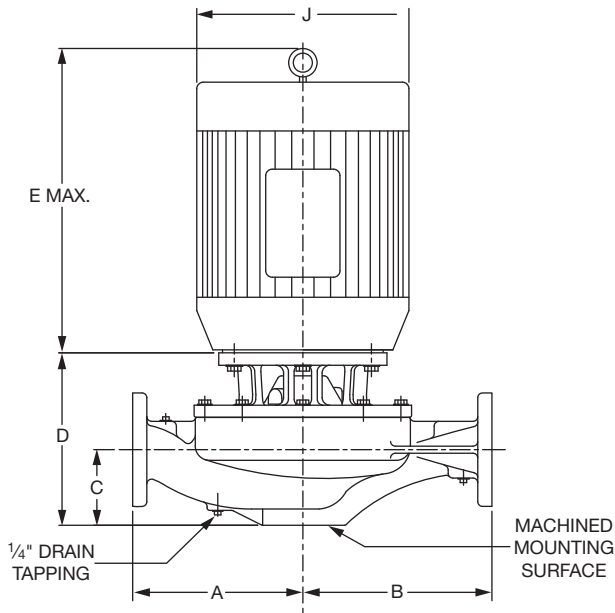
3500 RPM MODEL 2007

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

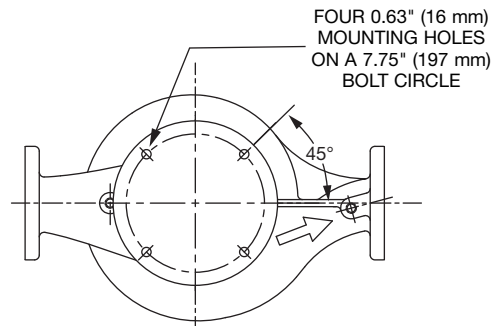
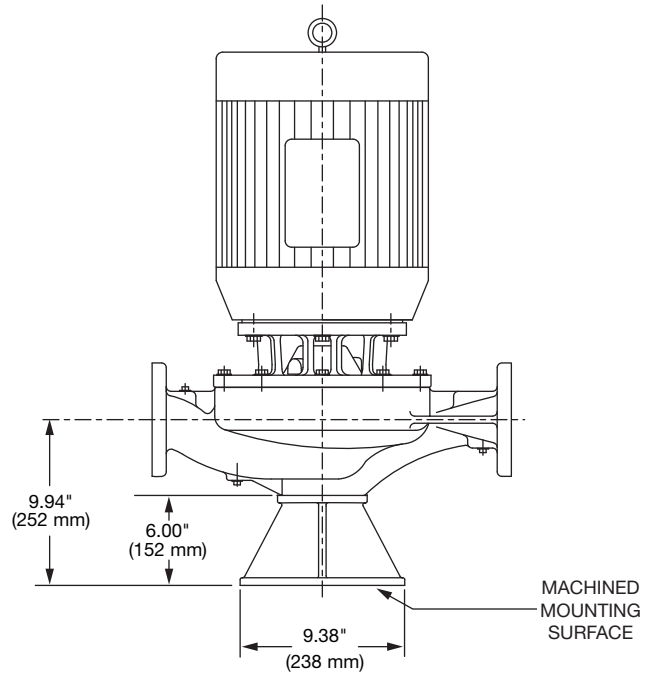
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2007	2 x 2 (51 x 51)	184JM	7.5	2 (51)	8.50 (216) if ANSI Class 125	8.50 (216) if ANSI Class 125	3.94 (100)	8.27 (210)	15.58 (396)	4.88 (124)	5.45 (138)	0.25 (6)	7.88 (200)
		213JM	10					8.45 (215)	16.68 (424)				9.56 (243)
		215JM	15					8.45 (215)	18.18 (462)				9.56 (243)
		254JM	20					9.55 (243)	17.83 (453)				11.63 (295)
		256JM	25**					9.55 (243)	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.

\*\* 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

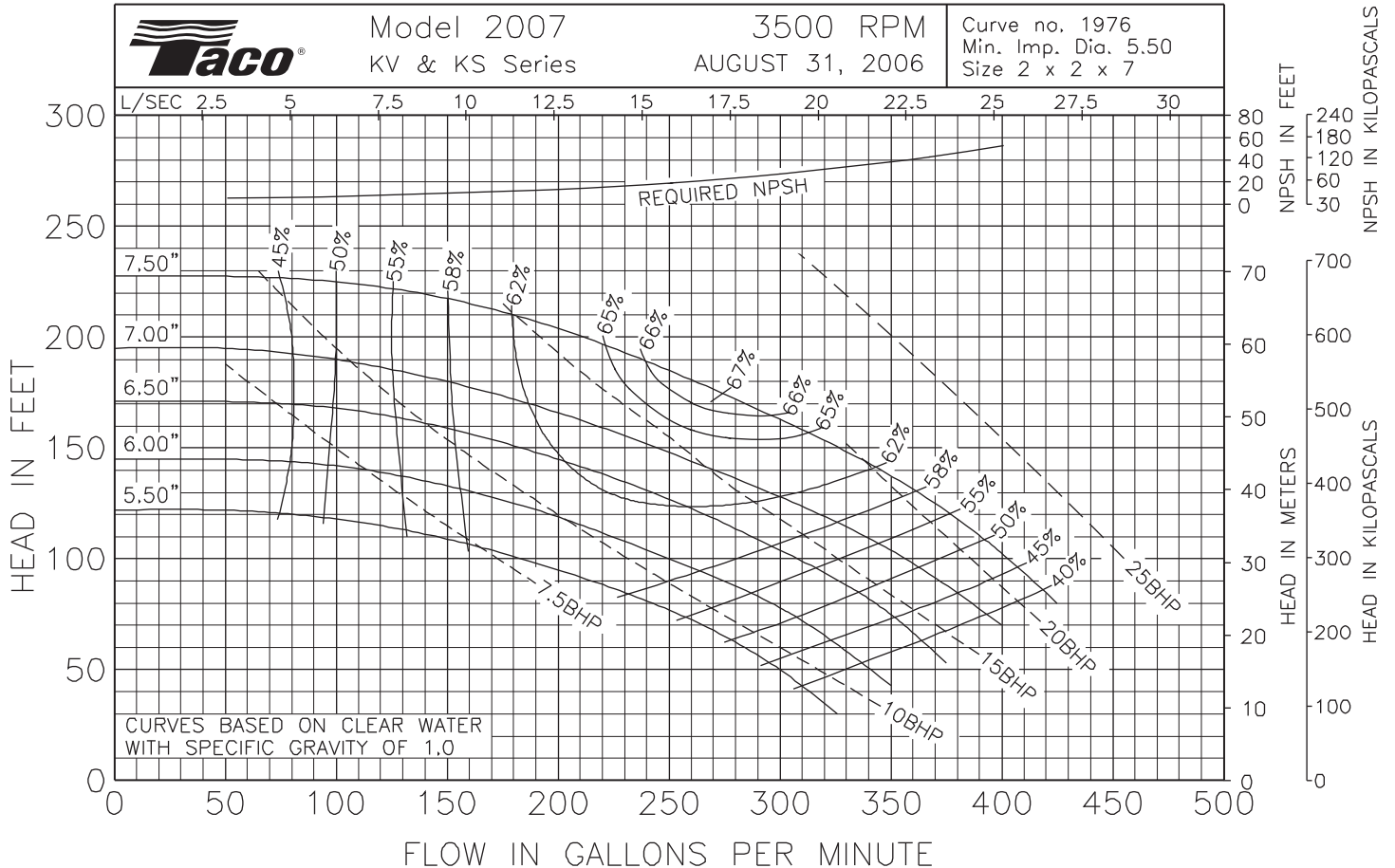
**OPERATING SPECIFICATIONS**

	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)
182JM - 184JM	190 (86)	209 (95)
213JM - 215JM	291 (132)	310 (141)
254JM - 256JM	320 (145)	339 (154)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1116

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

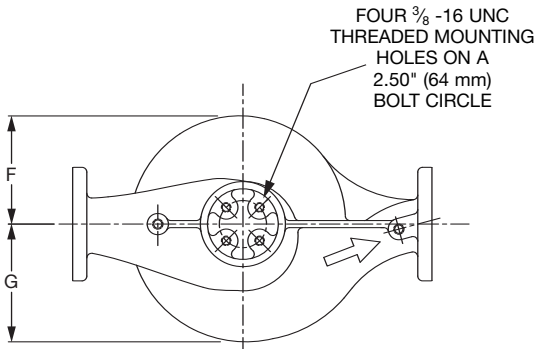
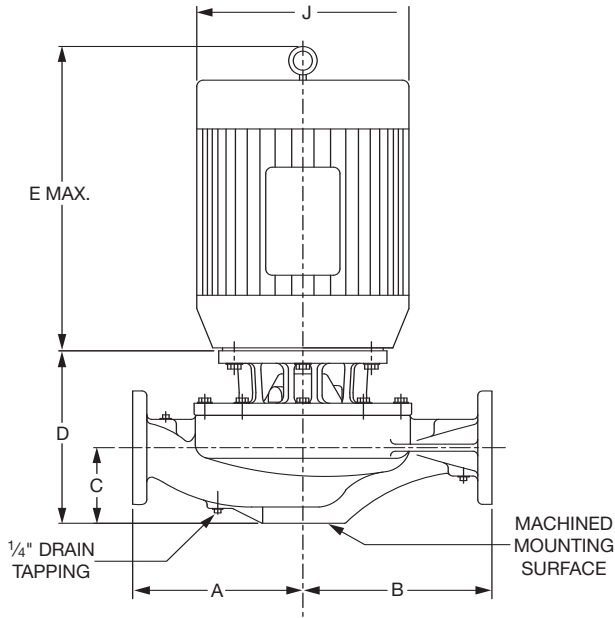
3500 RPM MODEL 2009

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

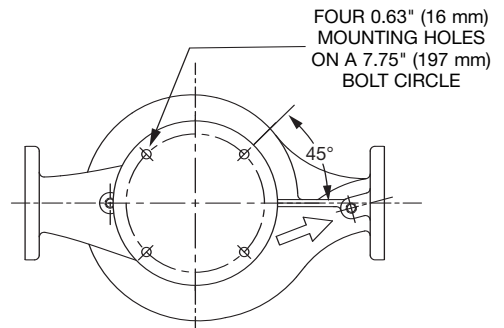
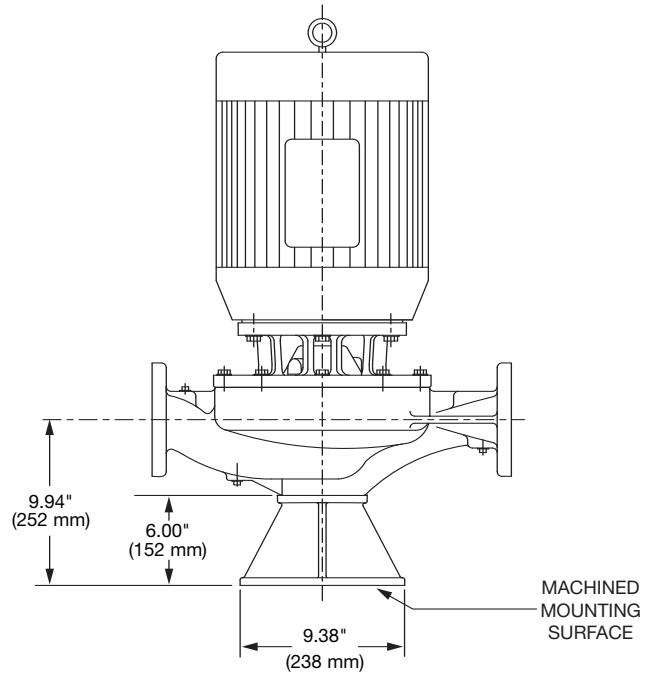
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2009	2 x 2 (51 x 51)	213JM	10	2 (51)	9.00 (229) if ANSI Class 125	10.00 (254) if ANSI Class 125	3.94 (100)	8.47 (215)	16.68 (424)	5.72 (145)	6.22 (158)	0.25 (6)	9.56 (243)
		215JM	15					8.47 (215)	18.18 (462)				9.56 (243)
		254JM	20					9.09 (231)	17.83 (453)				12.94 (329)
		256JM	25					9.09 (231)	19.91 (506)				12.94 (329)
		284JM	30					9.62 (244)	23.39 (594)				15.29 (388)
		286JM	40**					9.62 (244)	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.

\*\* 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

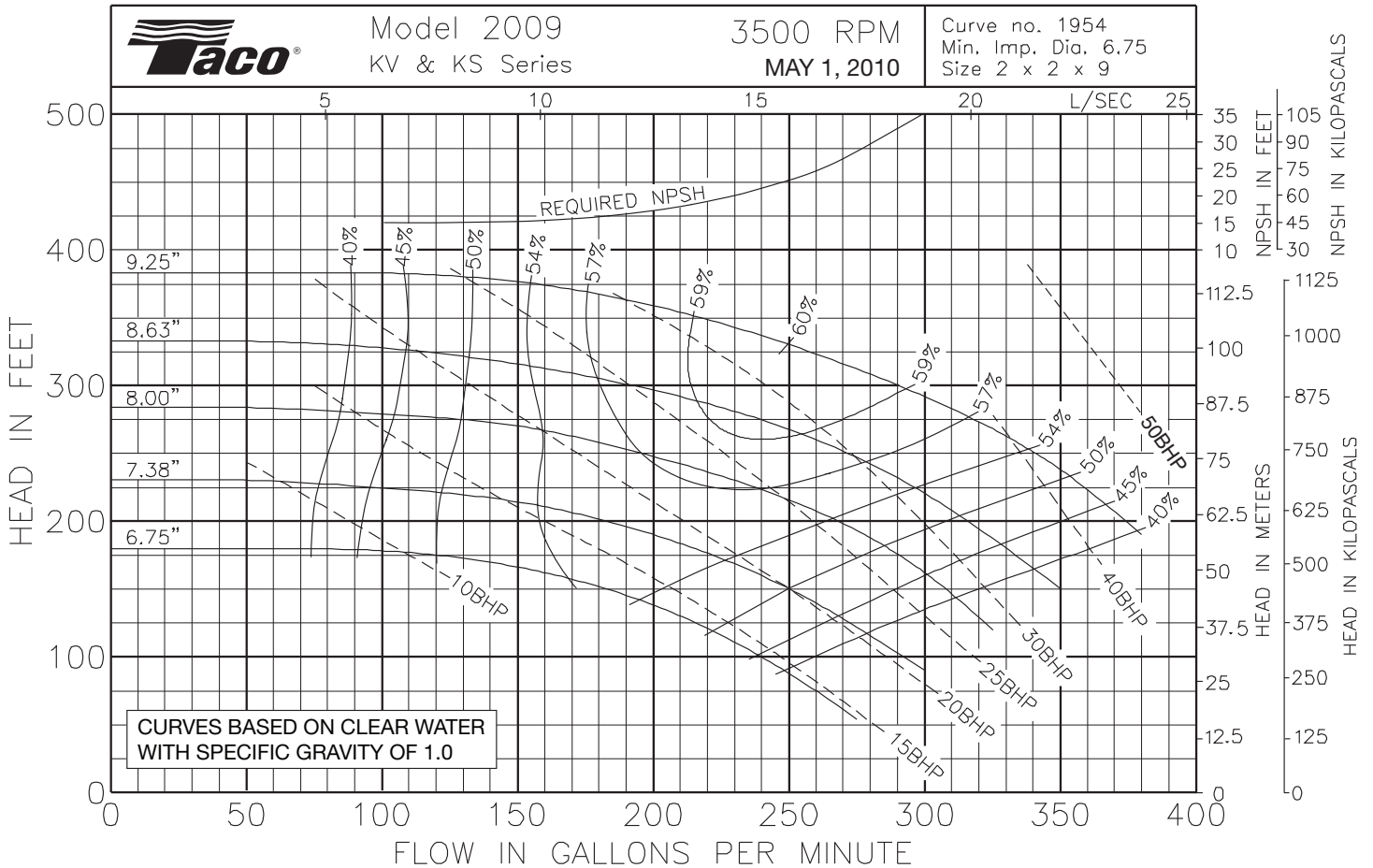
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	310 (141)	329 (149)
254JM - 256JM	384 (174)	403 (183)
284JM - 286JM	484 (220)	503 (228)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1124

EFFECTIVE: March 7, 2014

SUPERSEDES: May 1, 2010

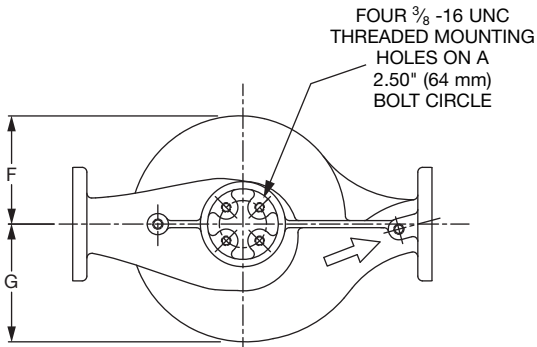
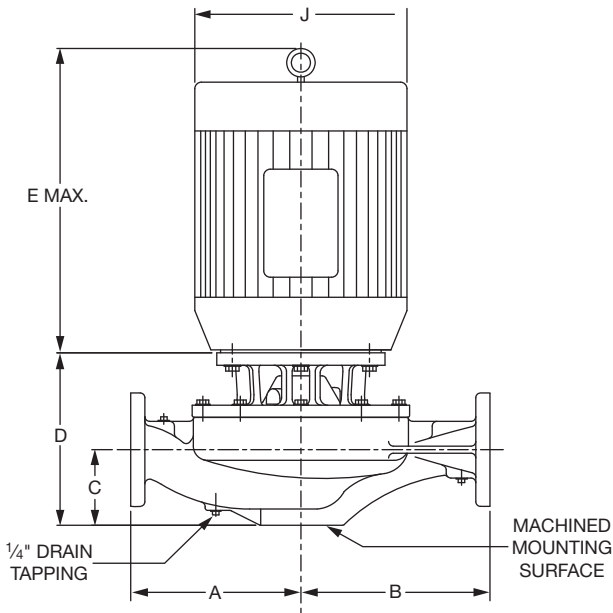
3500 RPM MODEL 2508

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

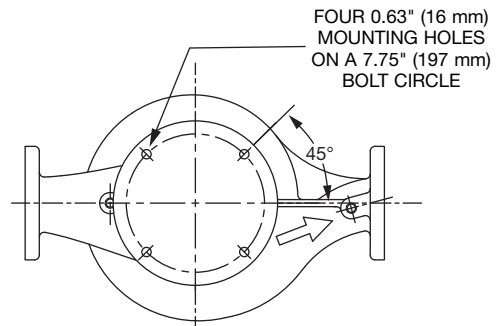
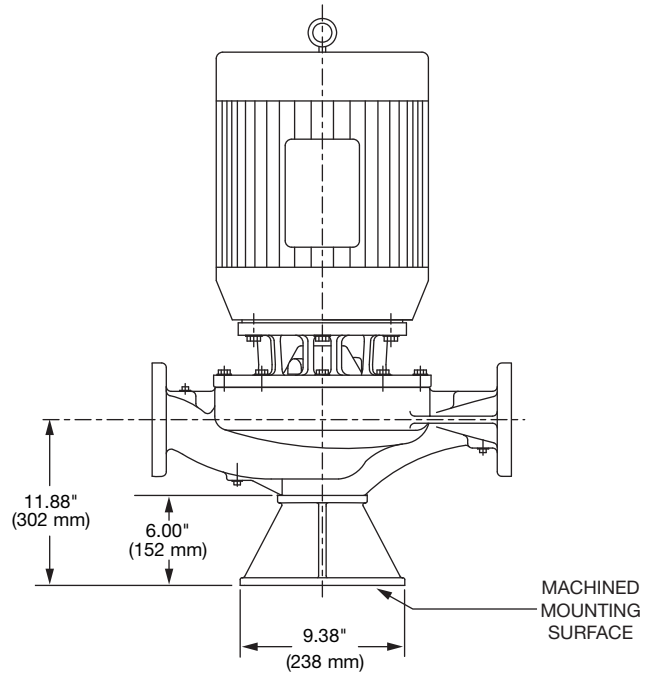
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 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)	284JM	30	2 1/2 (64)	9.56 (242) if ANSI Class 125	8.25 (209) if ANSI Class 125	5.88 (149)	10.89 (276)	23.39 (594)	6.10 (155)	6.99 (177)	0.25 (6)	15.29 (388)
		286JM	40					10.89 (276)	23.39 (594)				15.29 (388)
		324JM	50					10.89 (276)	25.28 (642)				17.85 (453)
		326JM	60**					10.89 (276)	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.

\* 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

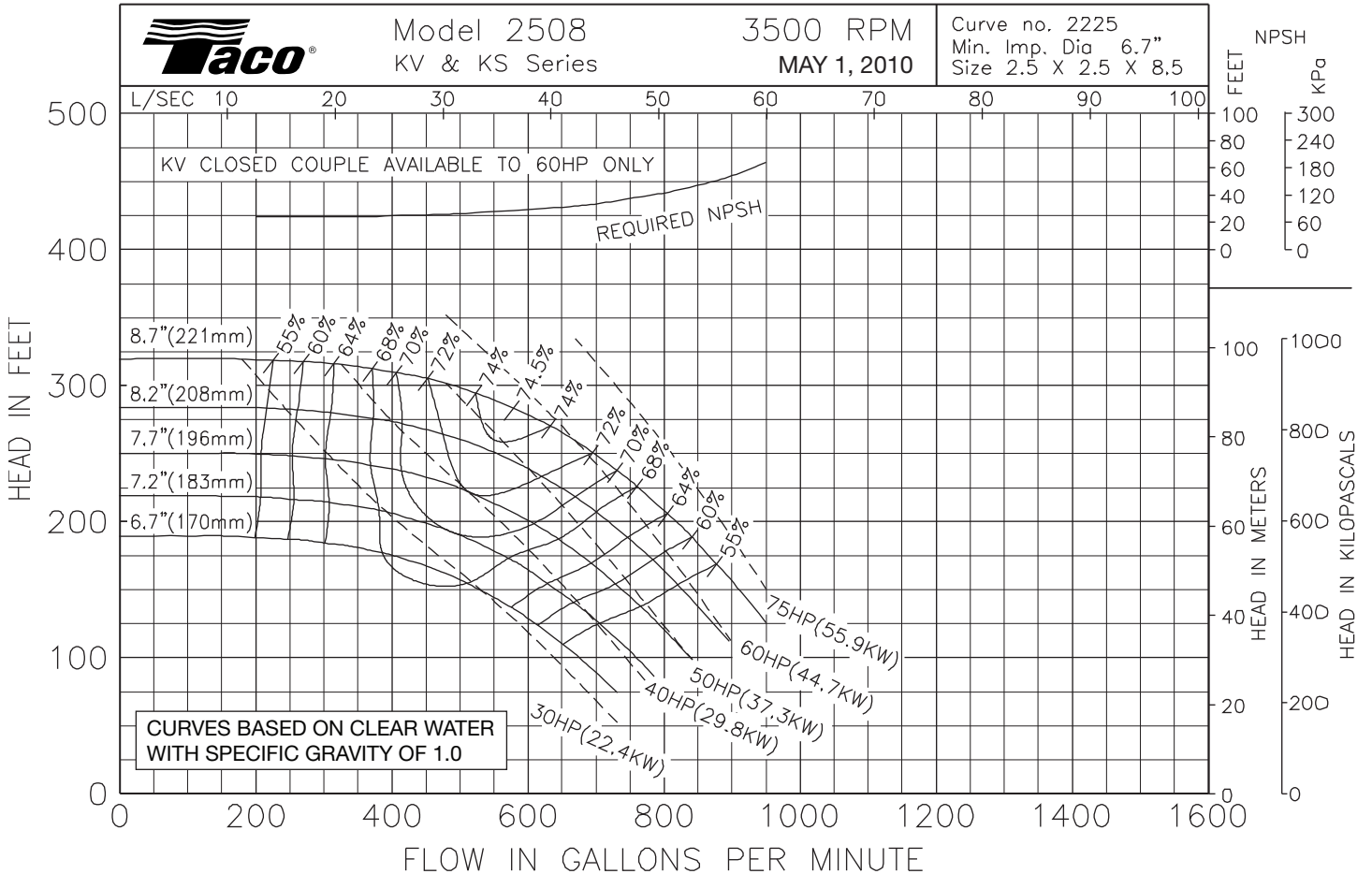
Motors: All NEMA Standard (T Frame)

\* 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	492 (223)	511 (232)
324JM - 326JM	672 (305)	691 (313)



Comments:



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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1110

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

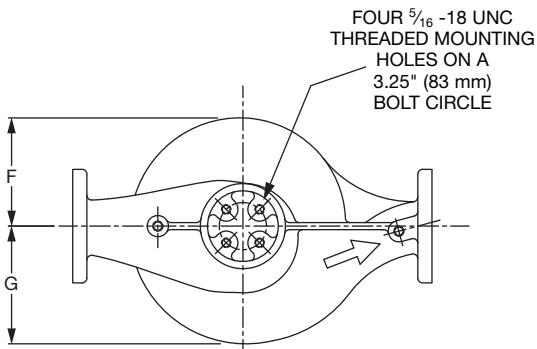
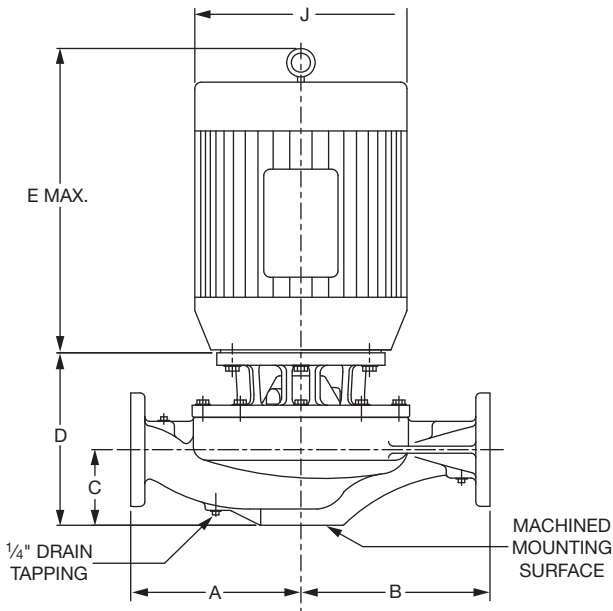
3500 RPM MODEL 3006

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

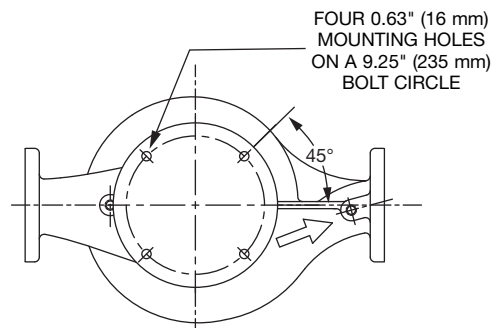
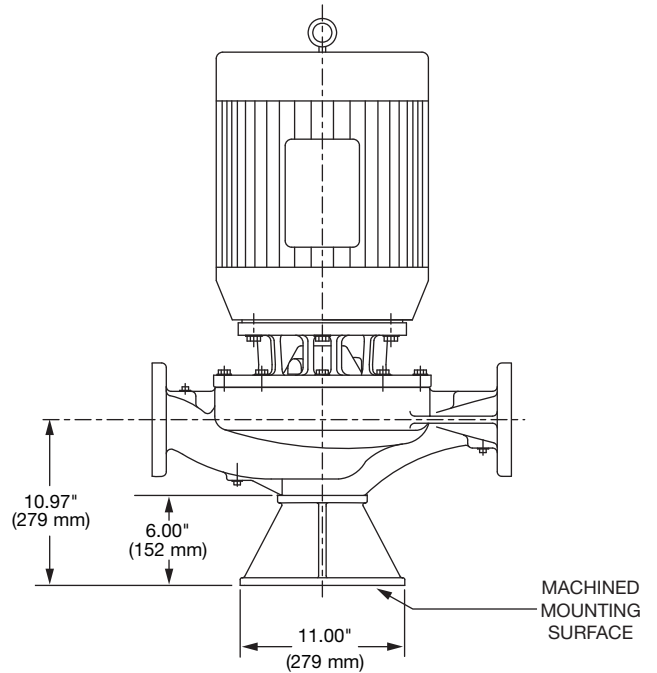
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3006	3 x 3 (76 x 76)	145JM	3	3 (76)	8.50 (216) if ANSI Class 125	10.00 (254) if ANSI Class 125	4.97 (126)	9.13 (232)	13.43 (341)	4.67 (119)	5.56 (141)	0.25 (6)	6.62 (168)
		182JM	5					9.13 (232)	13.94 (354)				7.88 (200)
		184JM	7.5					9.13 (232)	15.58 (396)				7.88 (200)
		213JM	10					9.13 (232)	16.68 (424)				9.56 (243)
		215JM	15**					9.13 (232)	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.

\*\* 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

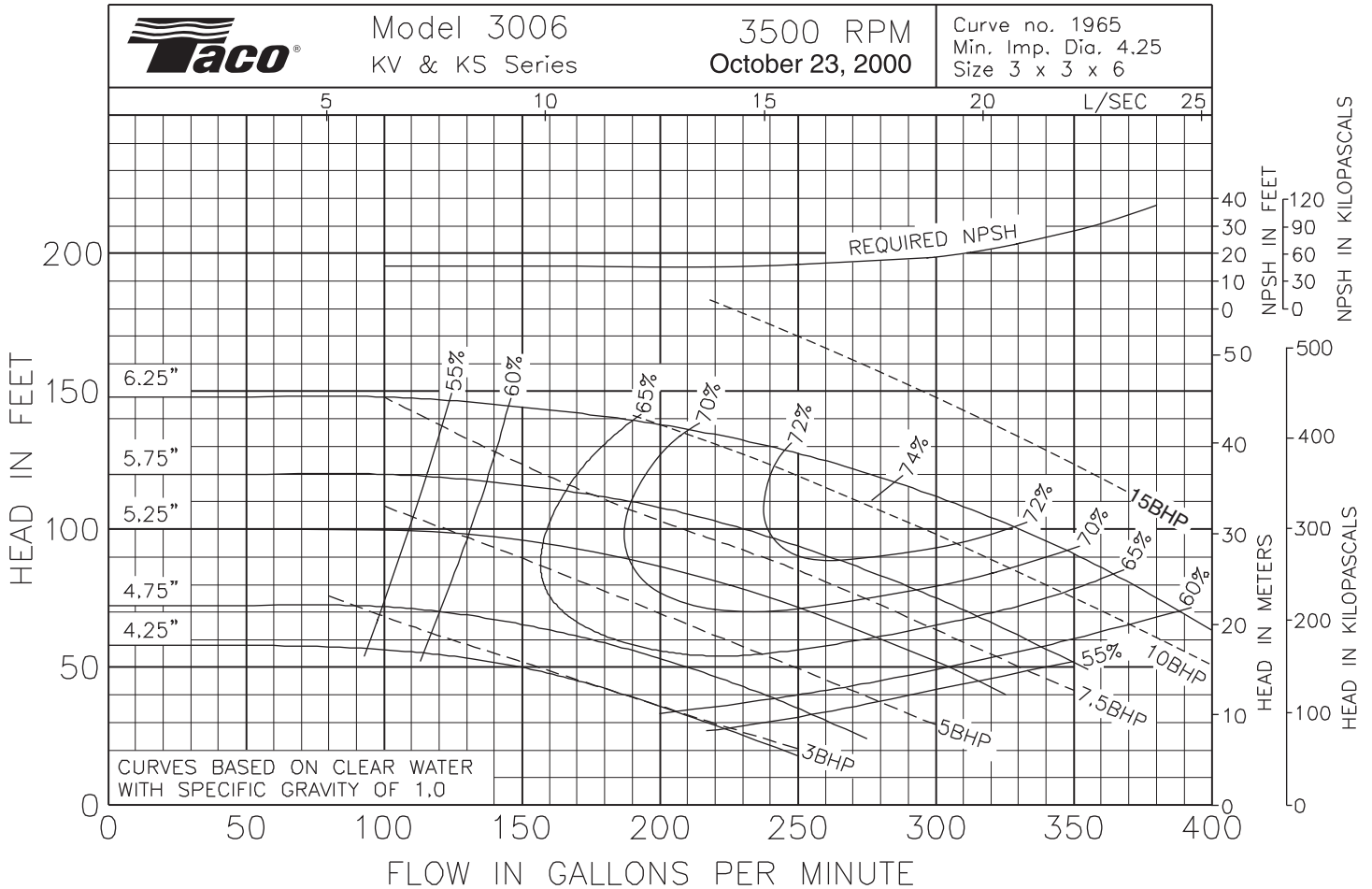
**OPERATING SPECIFICATIONS**

	Standard		Optional
	ANSI Class 125	ANSI Class 250	
Flange	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	236 (107)	262 (119)
182JM - 184JM	243 (110)	269 (122)
213JM - 215JM	314 (142)	340 (154)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1113

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

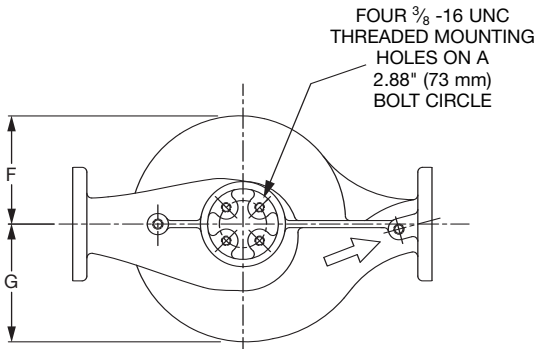
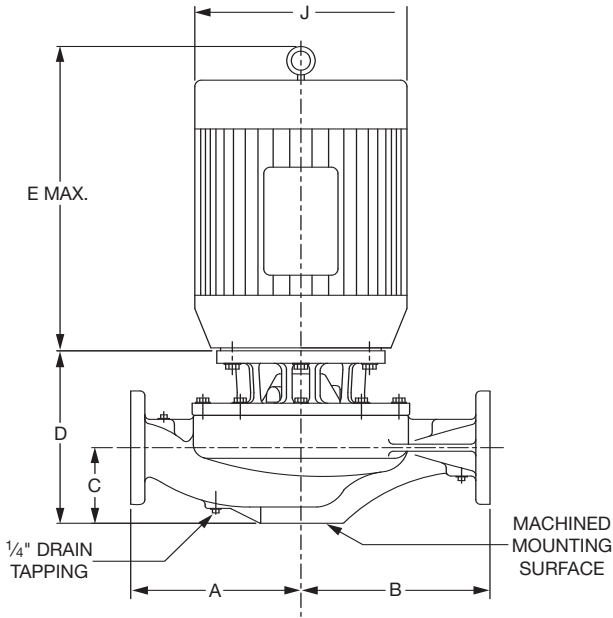
3500 RPM MODEL 3007

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

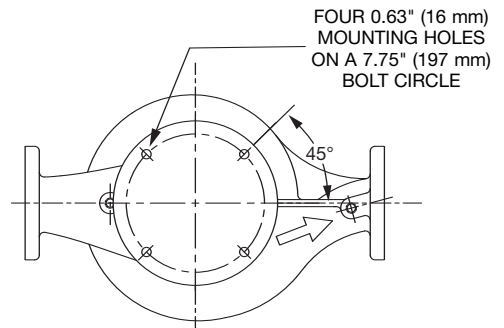
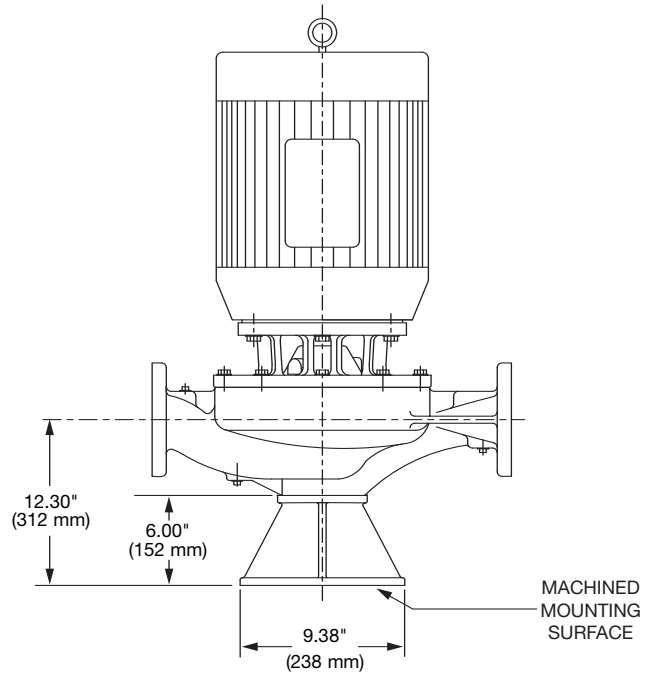
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3007	3 x 3 (76 x 76)	213JM	10	3 (76)	10.00 (254) if ANSI Class 125	10.00 (254) if ANSI Class 125	6.30  (160)	10.71 (272)	16.68 (424)	5.29  (134)	6.31  (160)	0.25  (6)	9.56 (243)
		215JM	15					10.71 (272)	18.18 (462)				9.56 (243)
		254JM	20					11.80 (300)	17.83 (453)				12.94 (329)
		256JM	25					11.80 (300)	19.91 (506)				12.94 (329)
		284JM	30					11.80 (300)	23.39 (594)				15.29 (388)
		286JM	40**					11.80 (300)	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.

\*\* 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

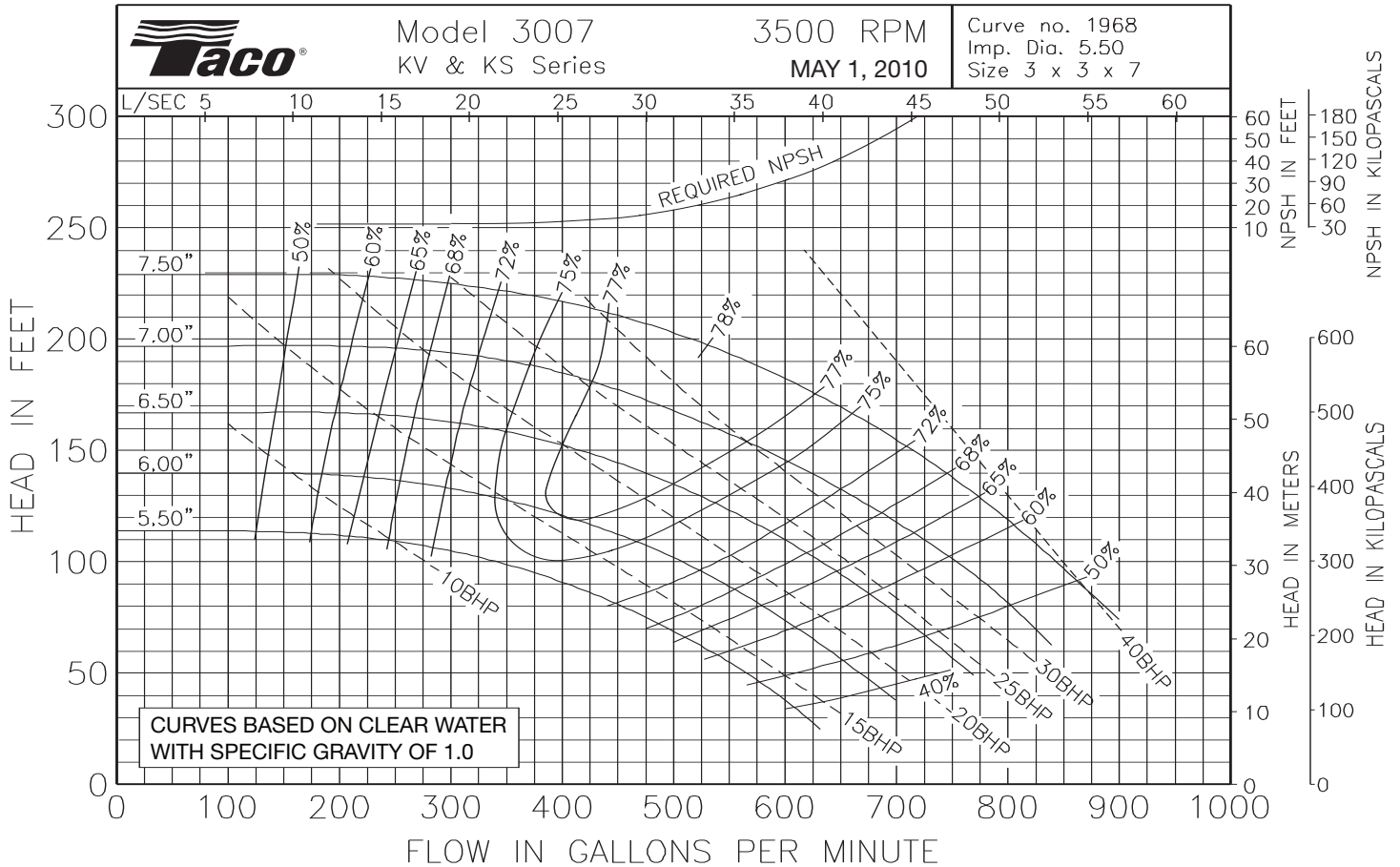
Motors: All NEMA Standard (T Frame)

\* 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)
213JM - 215JM	310 (141)	329 (149)
254JM - 256JM	388 (176)	407 (185)
284JM - 286JM	491 (223)	510 (231)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1117

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

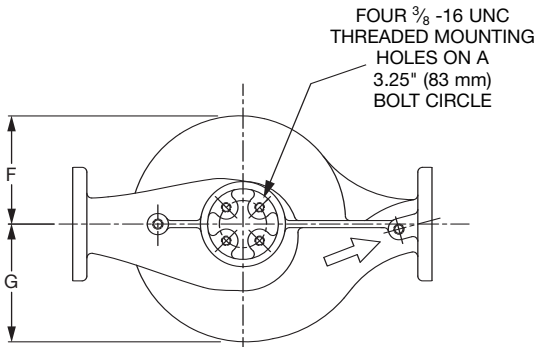
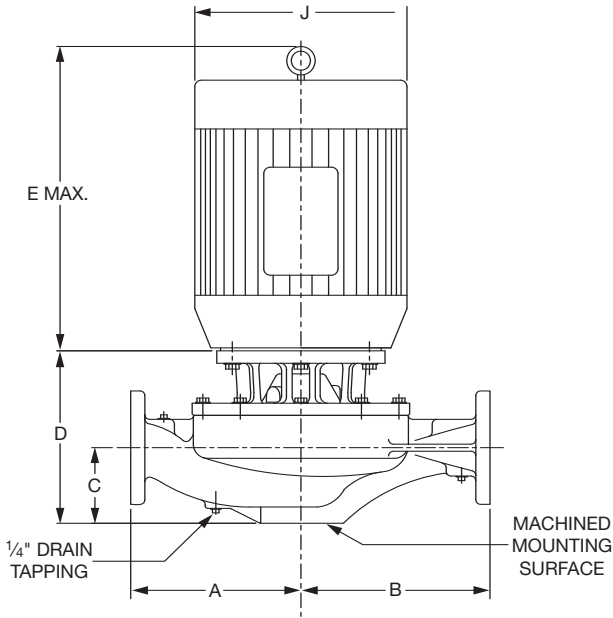
3500 RPM MODEL 3009

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

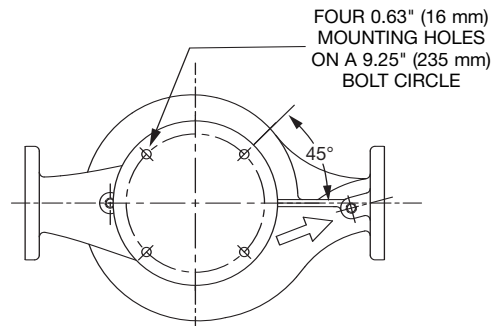
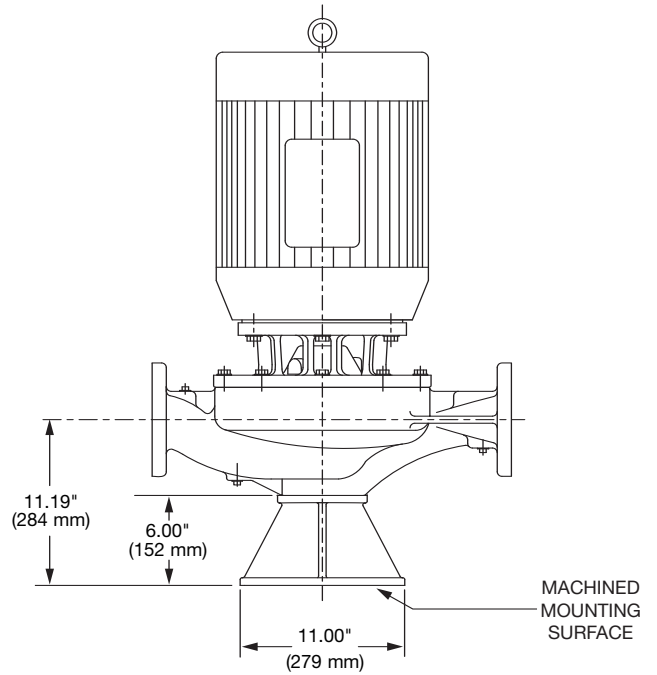
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
3009	3 x 3 (76 x 76)	215JM	15	3 (76)	10.00 (254) if ANSI Class 125	11.00 (279) if ANSI Class 125	5.19 (132)	9.65 (245)	18.18 (462)	5.94 (151)	6.53 (166)	0.25 (6)	9.56 (243)
		254JM	20					10.18 (259)	17.83 (453)				12.94 (329)
		256JM	25					10.18 (259)	19.91 (506)				12.94 (329)
		284JM	30					10.18 (259)	23.39 (594)				15.29 (388)
		286JM	40**					10.18 (259)	23.39 (594)				15.29 (388)
		324JM	50**					10.18 (259)	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.

\*\* 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

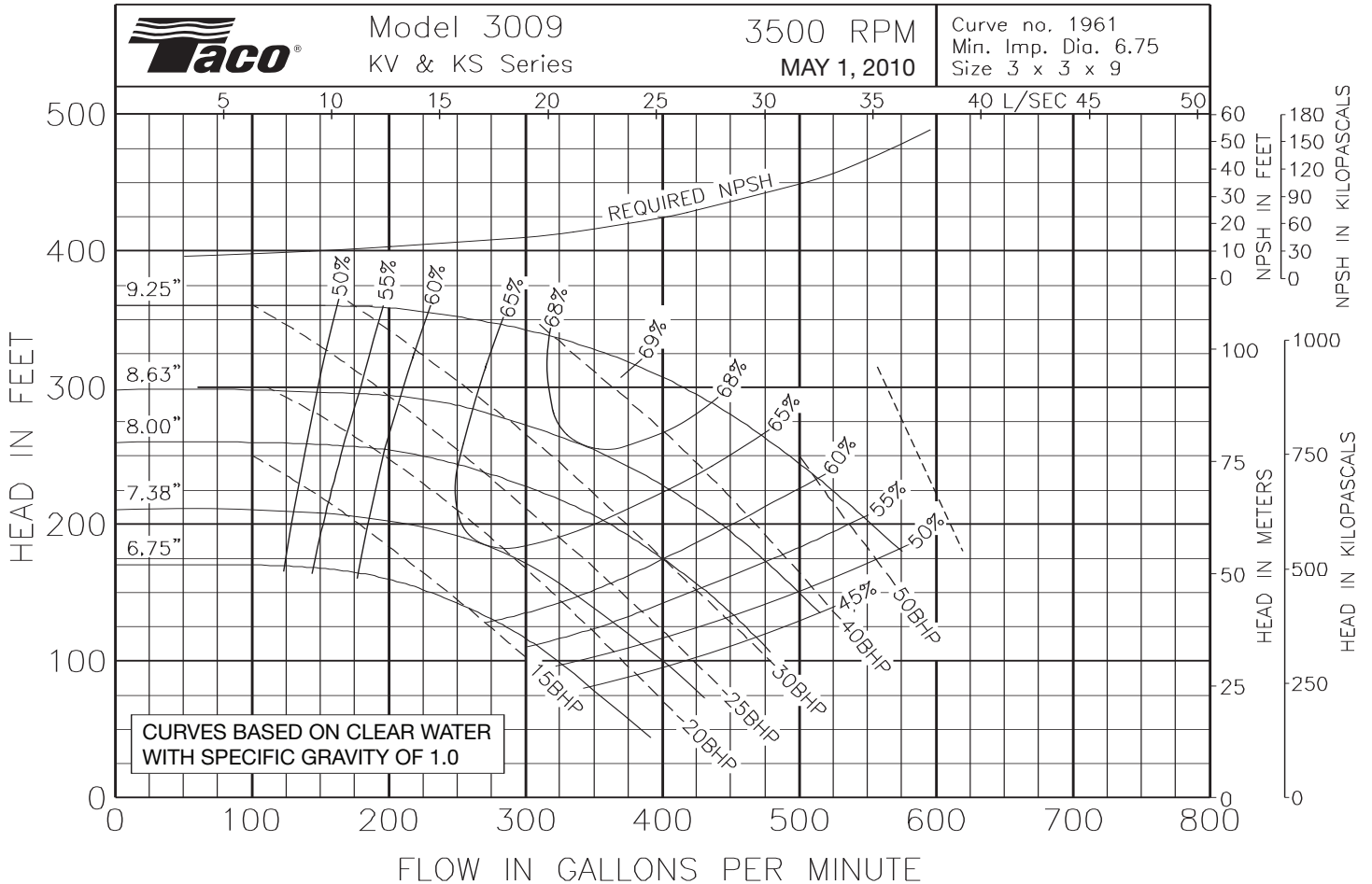
**OPERATING SPECIFICATIONS**

	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)
213JM - 215JM	328 (149)	354 (161)
254JM - 256JM	409 (186)	435 (197)
284JM - 286JM	428 (194)	454 (206)
324JM - 326JM	568 (258)	594 (269)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1114

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

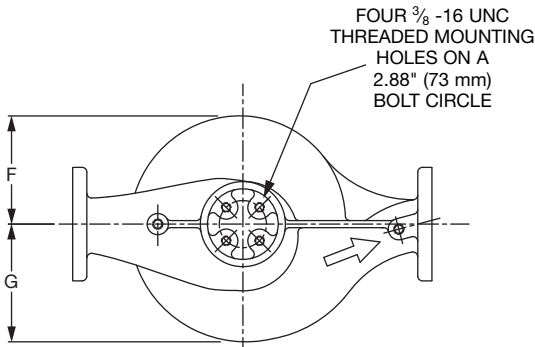
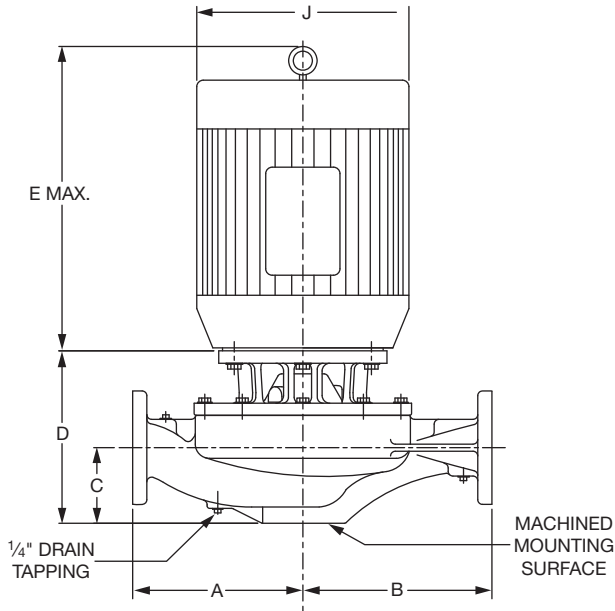
3500 RPM MODEL 4007

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

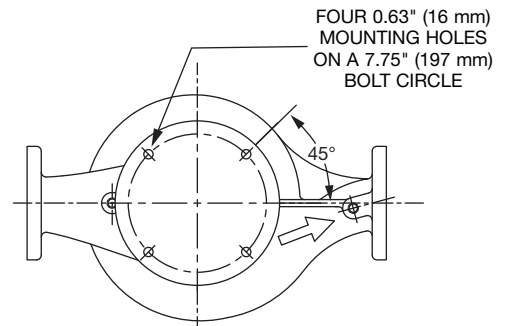
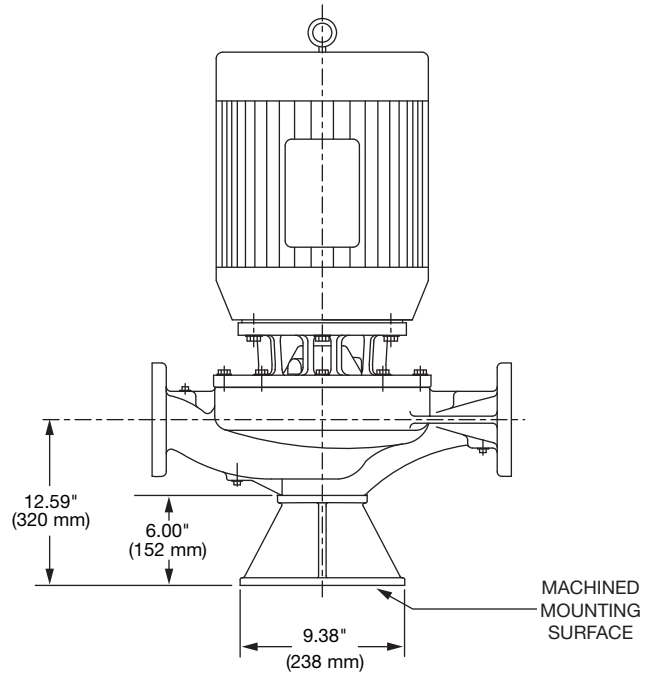
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4007	4 x 4 (102 x 102)	215JM	15	4 (102)	11.00 (279) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.59 (167)	11.21 (285)	16.68 (424)	5.64 (143)	6.80 (173)	0.25 (6)	9.56 (243)
		254JM	20					11.21 (285)	17.83 (453)				12.94 (329)
		256JM	25					12.29 (312)	19.91 (506)				12.94 (329)
		284JM	30					12.29 (312)	23.39 (594)				15.29 (388)
		286JM	40					12.29 (312)	23.39 (594)				15.29 (388)
		324JM	50					12.29 (312)	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

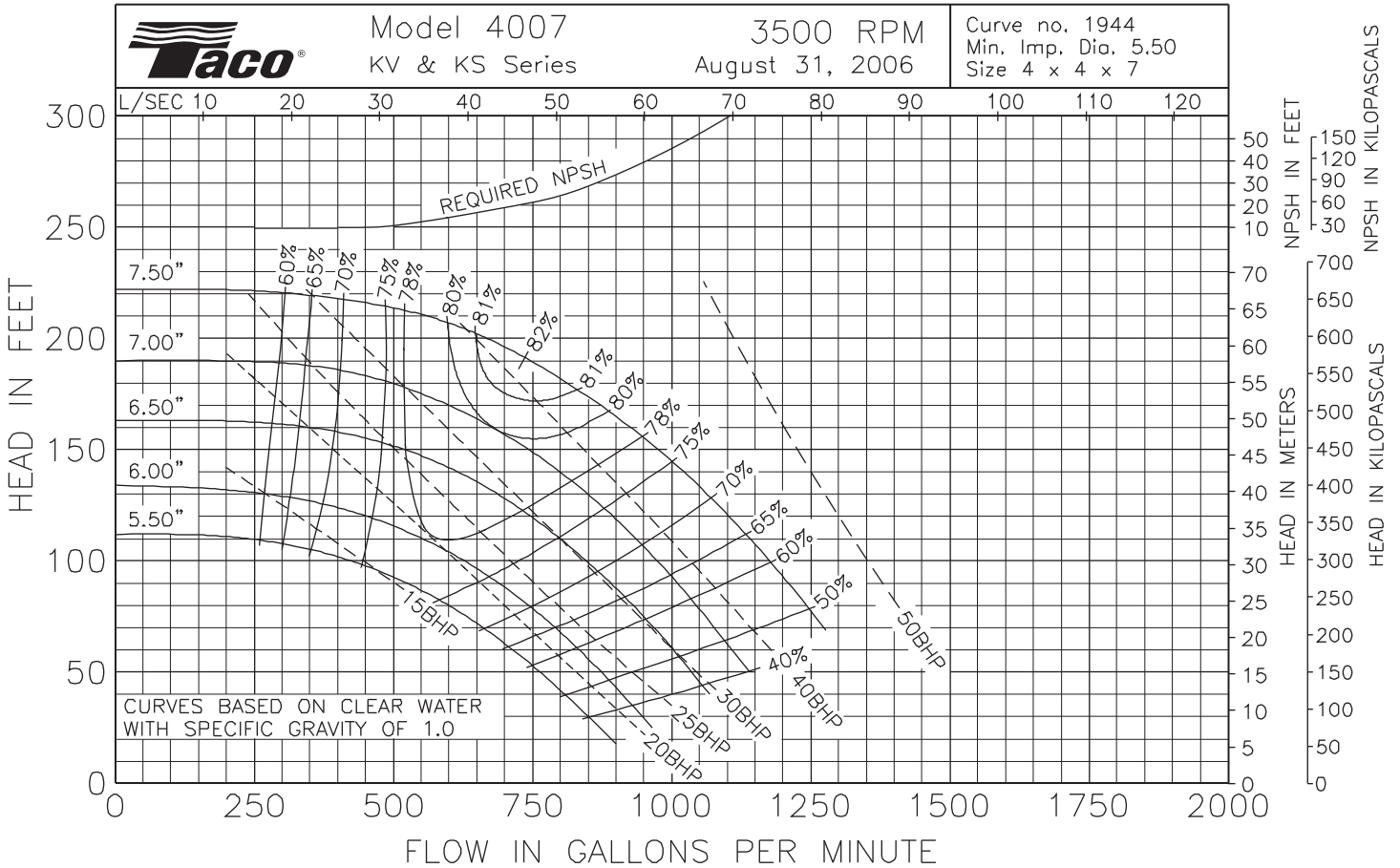
**OPERATING SPECIFICATIONS**

	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	349 (158)	368 (167)
254JM - 256JM	422 (191)	441 (200)
284JM - 286JM	542 (246)	561 (254)
324JM - 326JM	582 (264)	601 (273)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1118

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

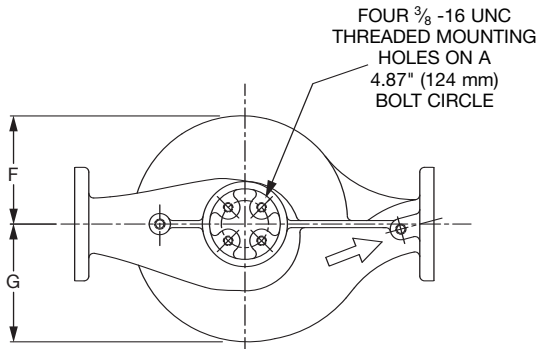
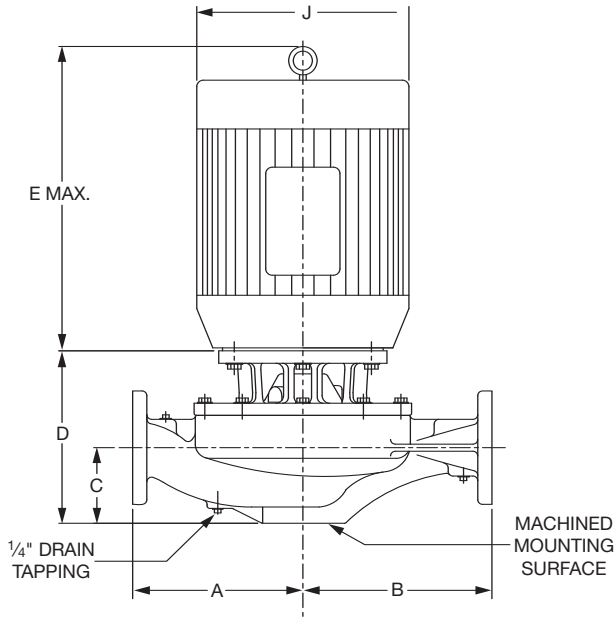
3500 RPM MODEL 4009

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

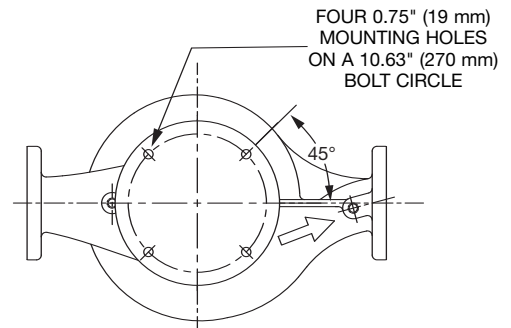
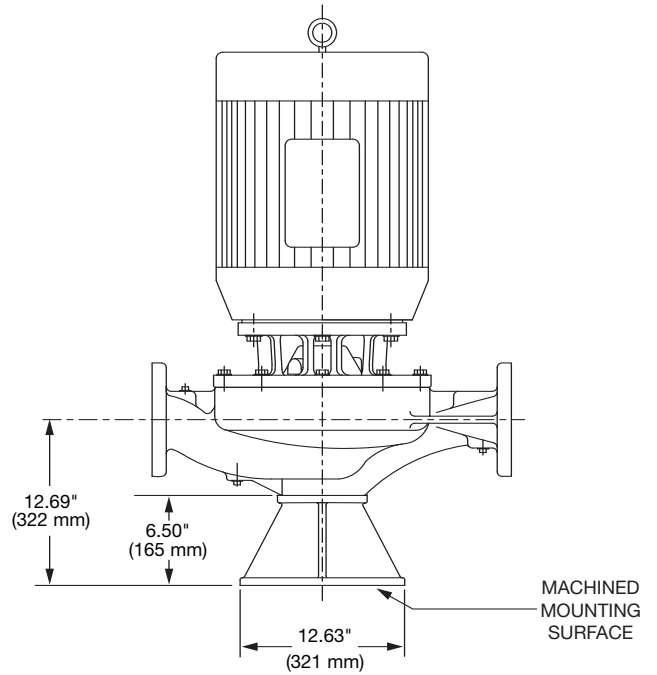
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4009	4 x 4 (102 x 102)	256JM	25	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	11.39 (289)	19.91 (506)	6.28 (160)	7.25 (184)	0.25 (6)	12.94 (329)
		284JM	30					11.39 (289)	23.39 (594)				15.29 (388)
		286JM	40					11.39 (289)	23.39 (594)				15.29 (388)
		324JM	50					11.39 (289)	25.28 (642)				17.85 (453)
		326JM	60**					11.39 (289)	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.

\*\* 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

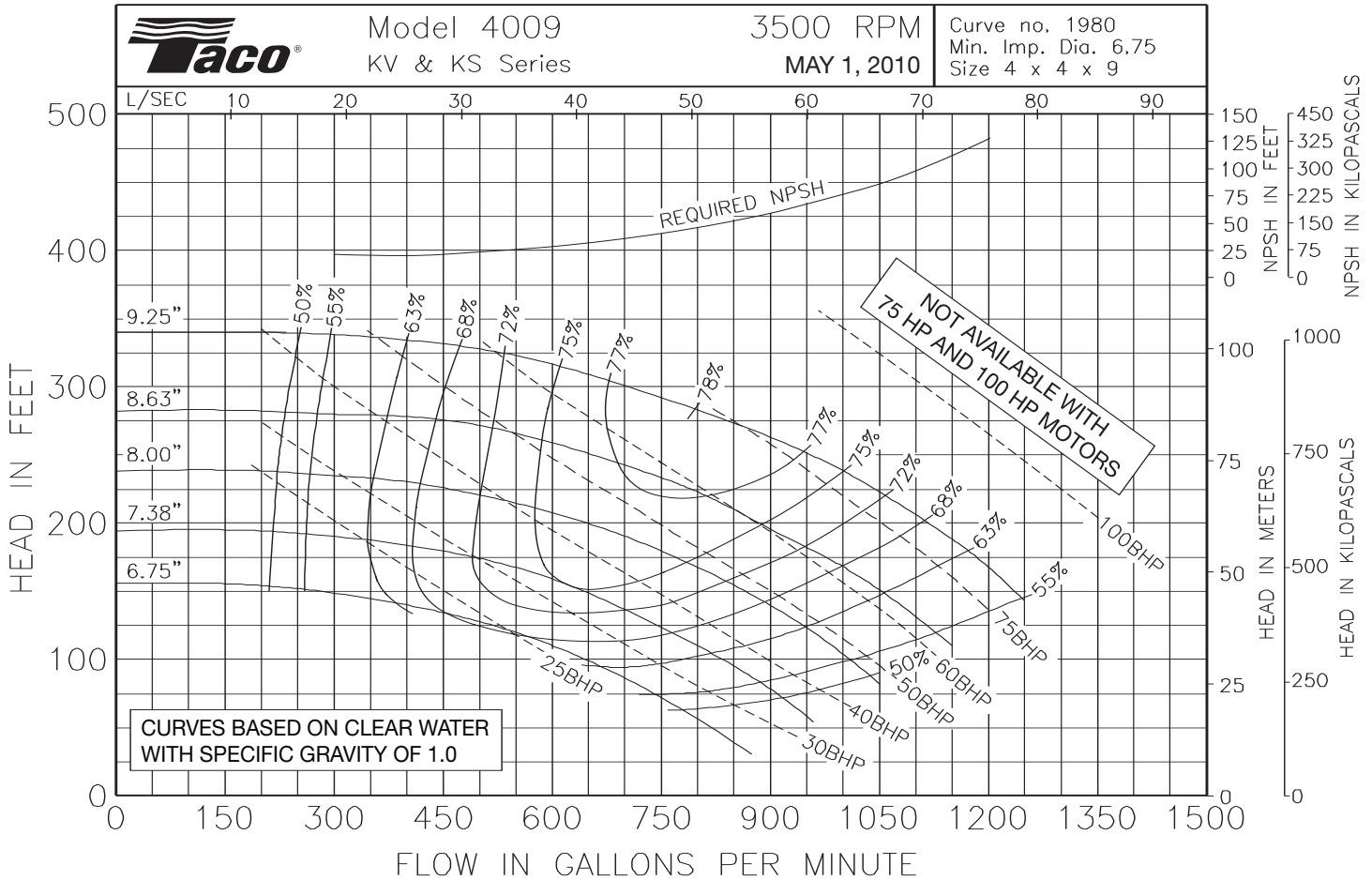
**OPERATING SPECIFICATIONS**

	Standard		Optional
	ANSI Class 125	ANSI Class 250	
Flange	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	445 (202)	492 (223)
284JM - 286JM	555 (252)	602 (273)
324JM - 326JM	766 (347)	813 (369)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1200

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

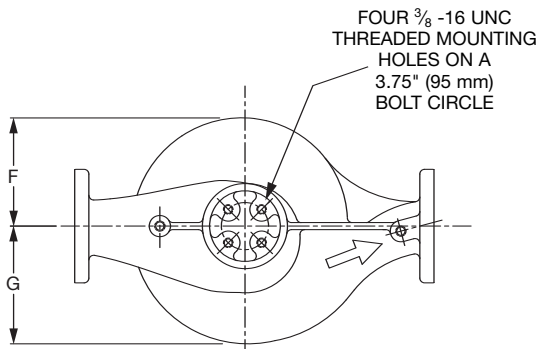
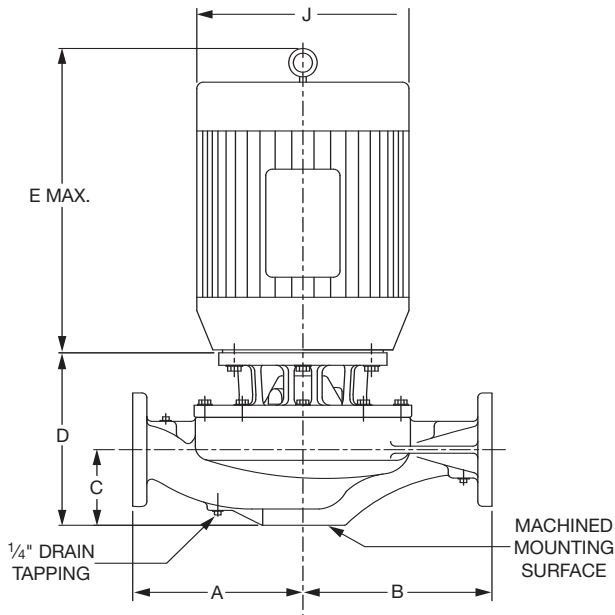
3500 RPM MODEL 4075

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

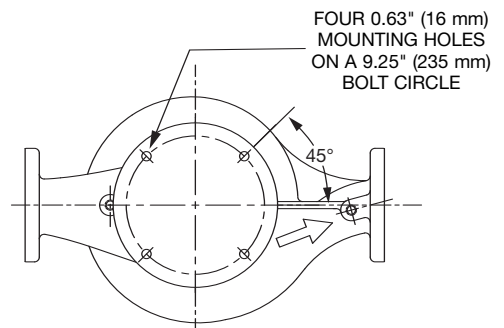
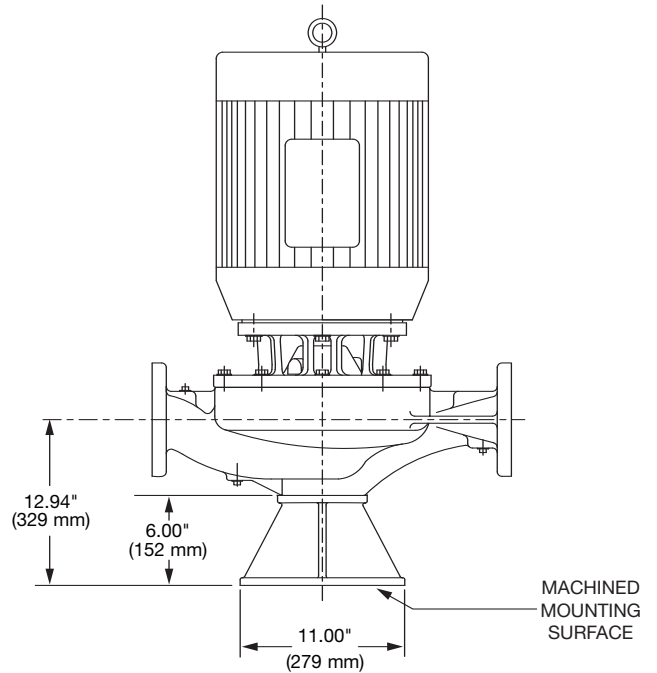
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

Model No.	Conn.	Motor Frame	HP 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4075	4 x 4 (102 x 102)	284JM	30	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	13.05 (331)	23.39 (594)	5.61 (142)	6.99 (177)	0.25 (6)	15.29 (388)
		286JM	40					13.05 (331)	23.39 (594)				15.29 (388)
		324JM	50					13.05 (331)	25.28 (642)				17.85 (453)
		326JM	60**					13.05 (331)	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.

\*\* 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

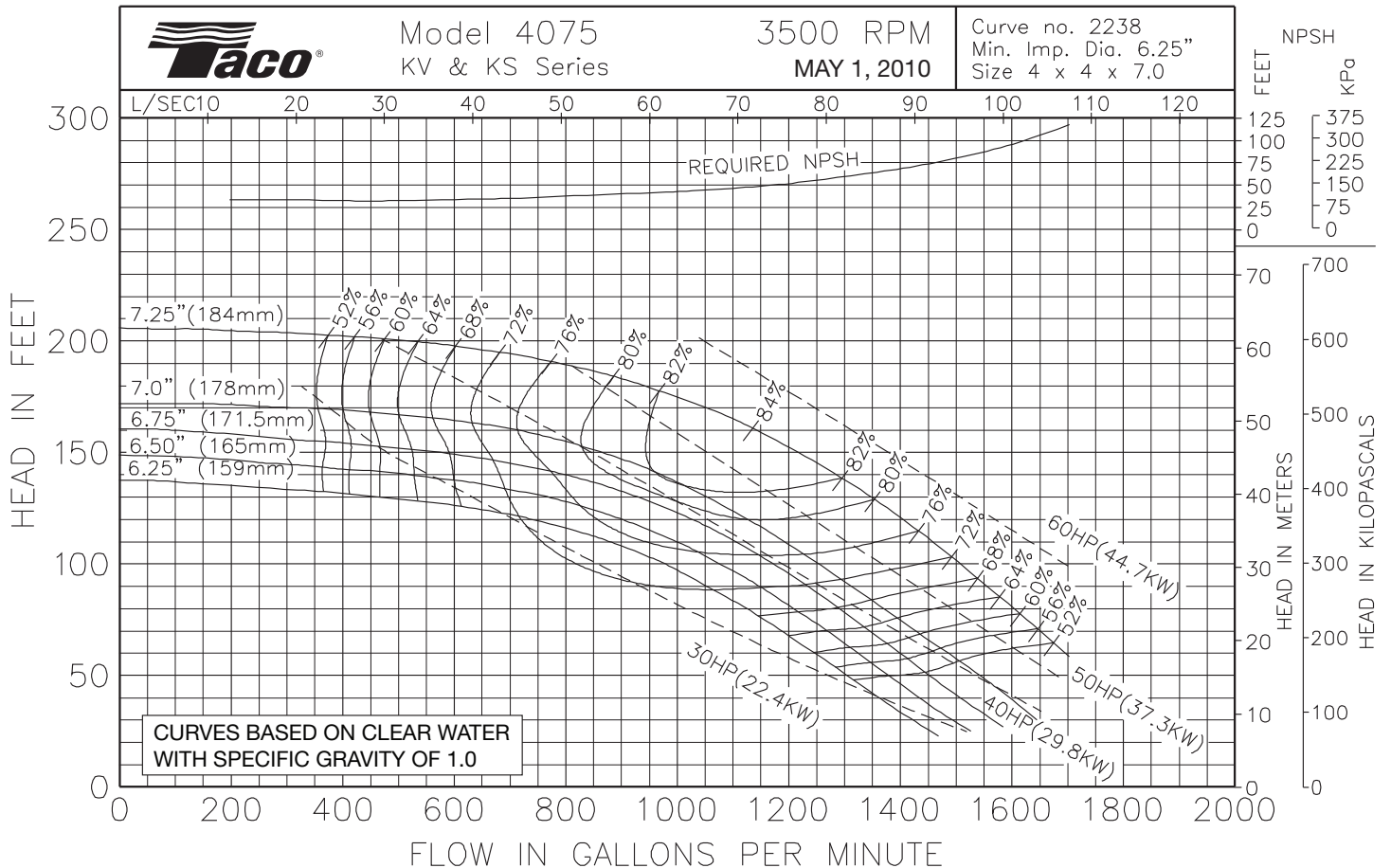
Motors: All NEMA Standard (T Frame)

\* 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	545 (247)	571 (259)
324JM - 326JM	698 (317)	724 (328)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1115

EFFECTIVE: JANUARY 8, 2010

SUPERSEDES: NOVEMBER 1, 2009

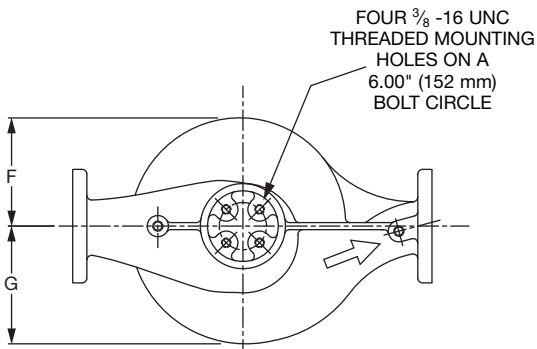
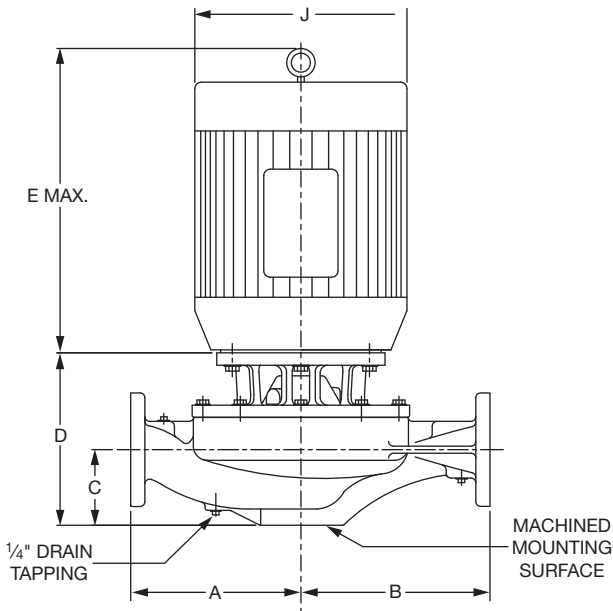
3500 RPM MODEL 5007

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

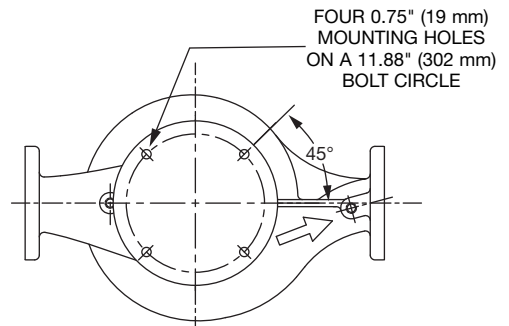
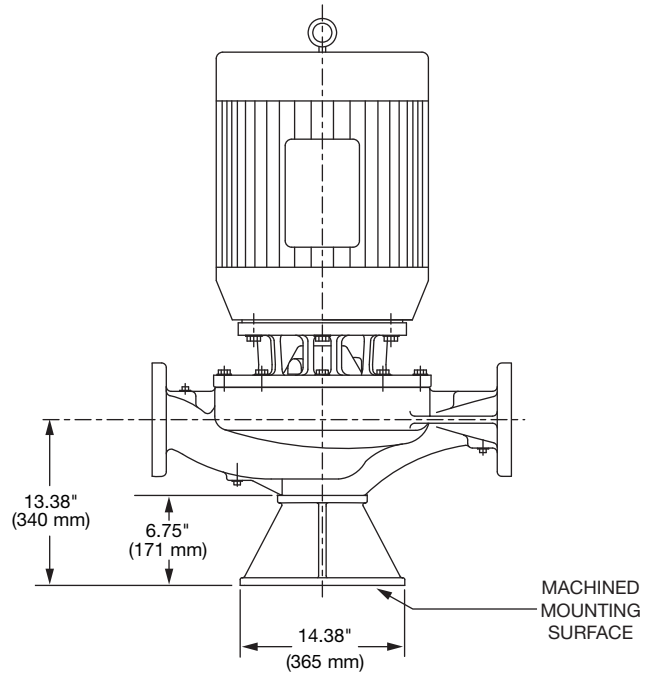
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5007	5 x 5 (127 x 127)	254JM	20	5 (127)	13.00 (330) if ANSI Class 125	11.00 (279) if ANSI Class 125	6.63 (168)	12.86 (327)	17.83 (453)	6.42 (163)	7.91 (201)	0.25 (6)	12.94 (329)
		256JM	25					12.86 (327)	19.91 (506)				12.94 (329)
		284JM	30					12.86 (327)	23.39 (594)				15.29 (388)
		286JM	40					12.86 (327)	23.39 (594)				15.29 (388)
		324JM	50					12.86 (327)	25.28 (642)				17.85 (453)
		326JM	60**					12.86 (327)	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.

\*\* 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

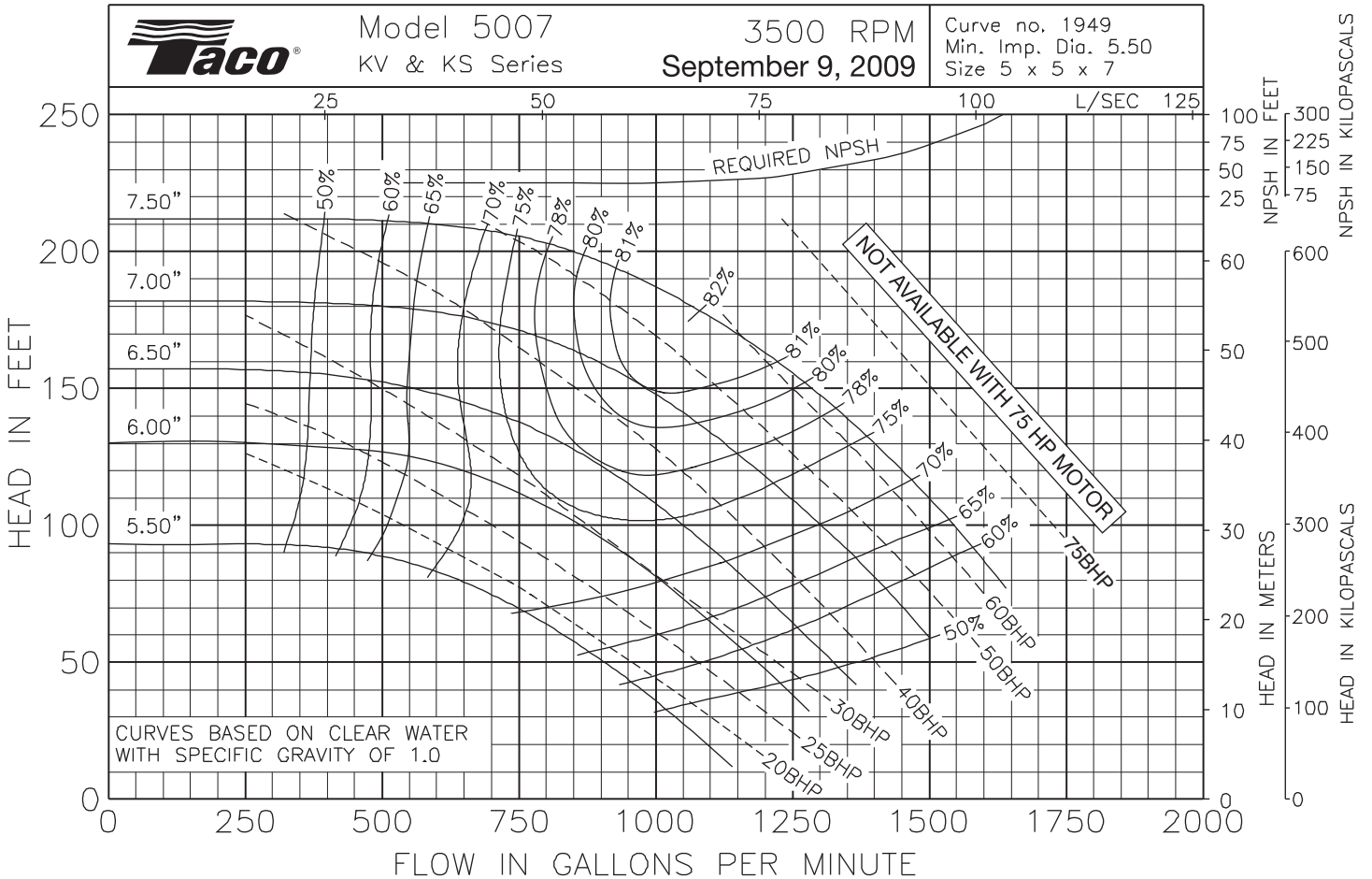
**OPERATING SPECIFICATIONS**

	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)
254JM - 256JM	478 (217)	544 (247)
284JM - 286JM	581 (264)	647 (293)
324JM - 326JM	757 (343)	823 (373)



Comments:

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# Submittal Data Information

## KV Series Vertical Close Coupled Pumps

301-1203

EFFECTIVE: MAY 1, 2010

SUPERSEDES: JANUARY 8, 2010

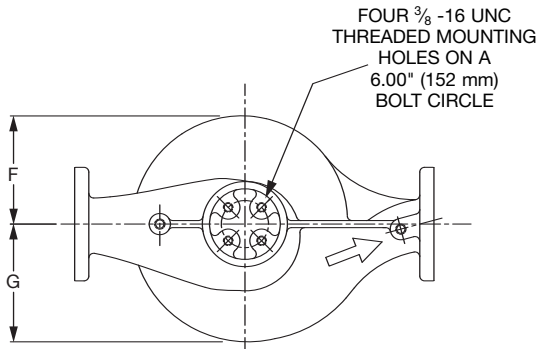
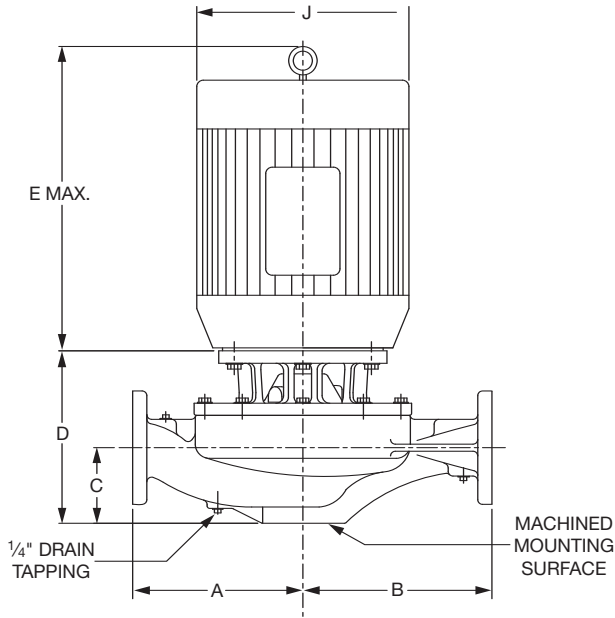
3500 RPM MODEL 5075

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

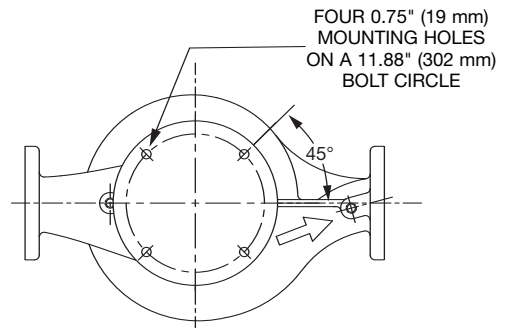
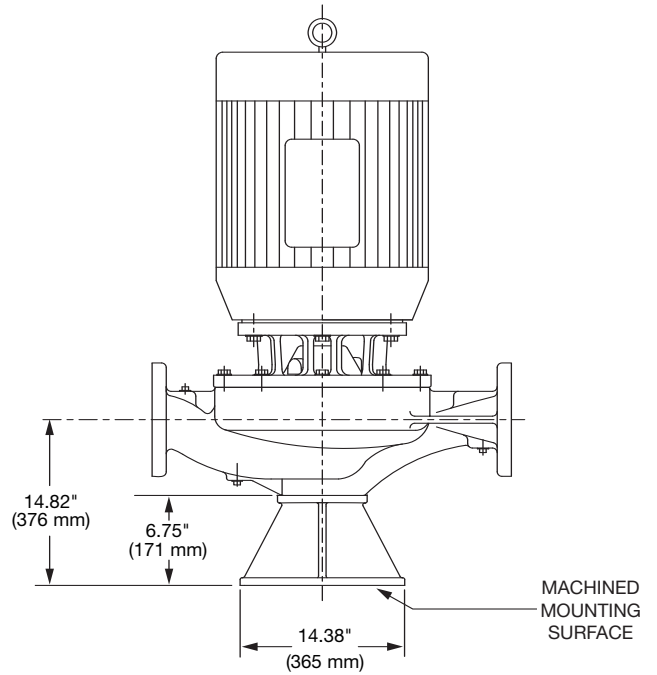
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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 3500 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
5075	5 x 5 (127 x 127)	284JM	30	5 (127)	14.00 (355) if ANSI Class 125	11.00 (279) if ANSI Class 125	8.07 (205)	14.31 (363)	23.39 (594)	6.31 (160)	8.10 (205)	0.25 (6)	15.29 (388)
		286JM	40					14.31 (363)	23.39 (594)				15.29 (388)
		324JM	50					14.31 (363)	25.28 (642)				17.85 (453)
		326JM	60**					14.31 (363)	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.

\*\* 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

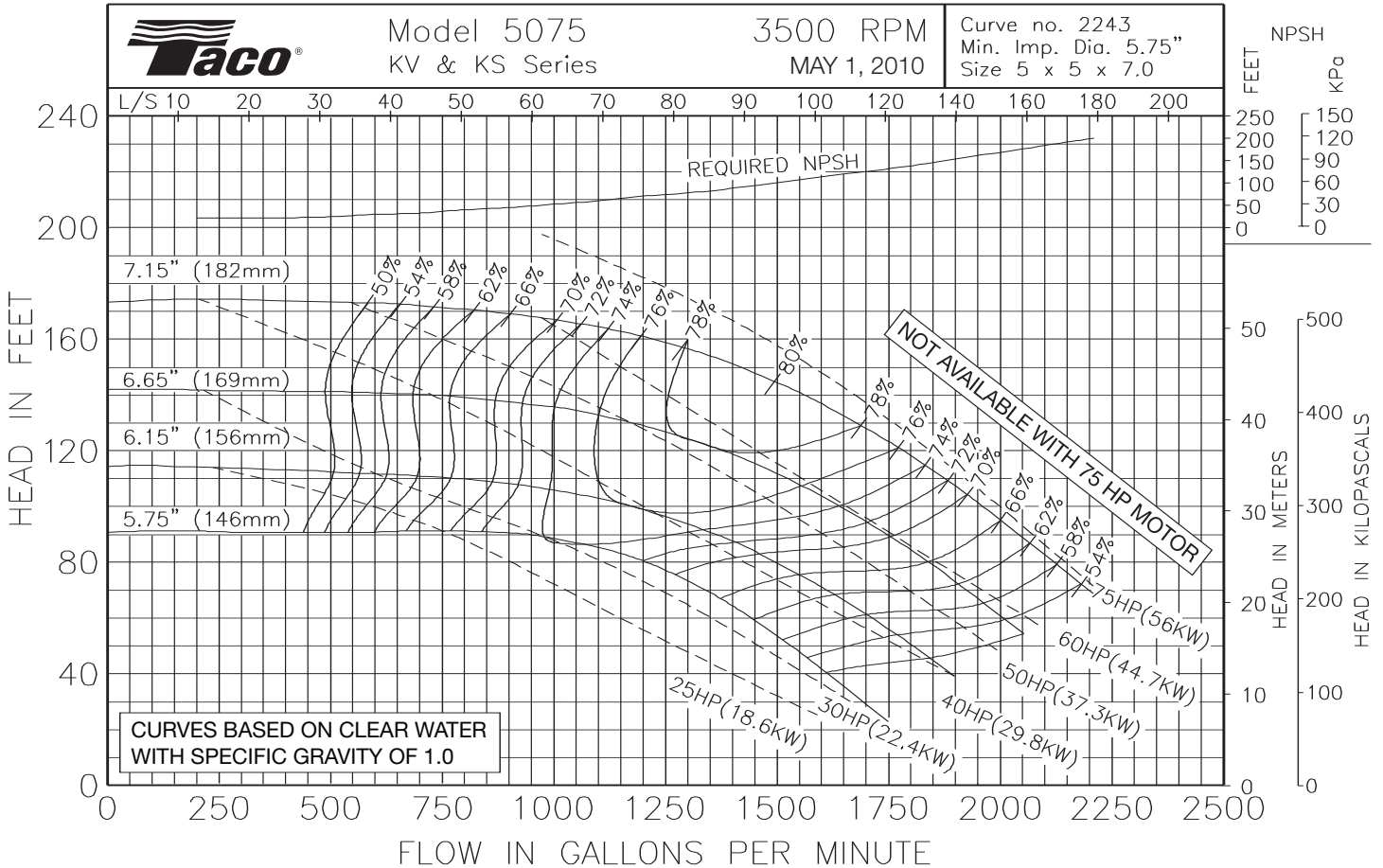
**OPERATING SPECIFICATIONS**

	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	583 (264)	649 (294)
324JM - 326JM	736 (334)	802 (364)



Comments:

**Do it Once. Do it Right.®**

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