

EFFECTIVE: JULY 1, 2015

SUPERSEDES: JANUARY 8, 2010

1760 RPM MODEL 1509

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

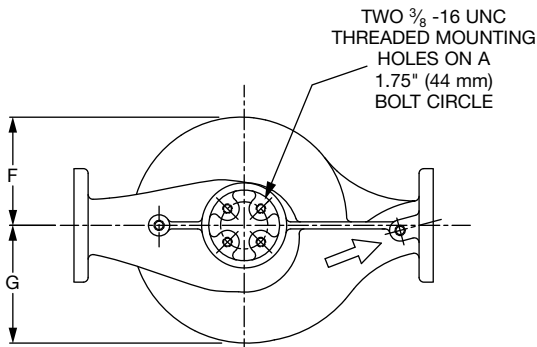
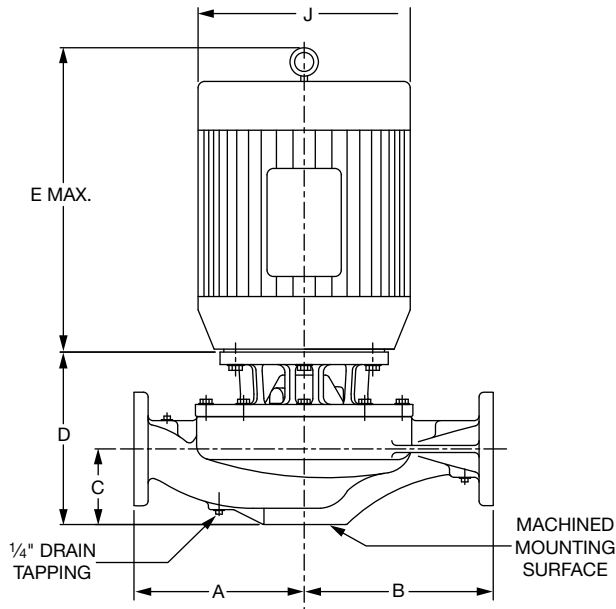
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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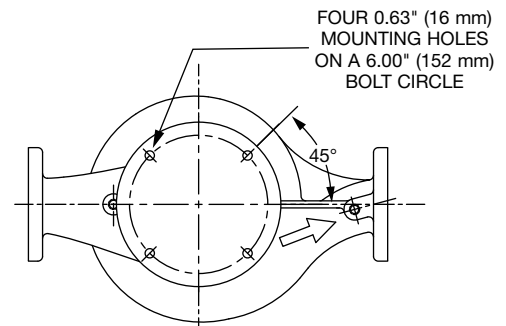
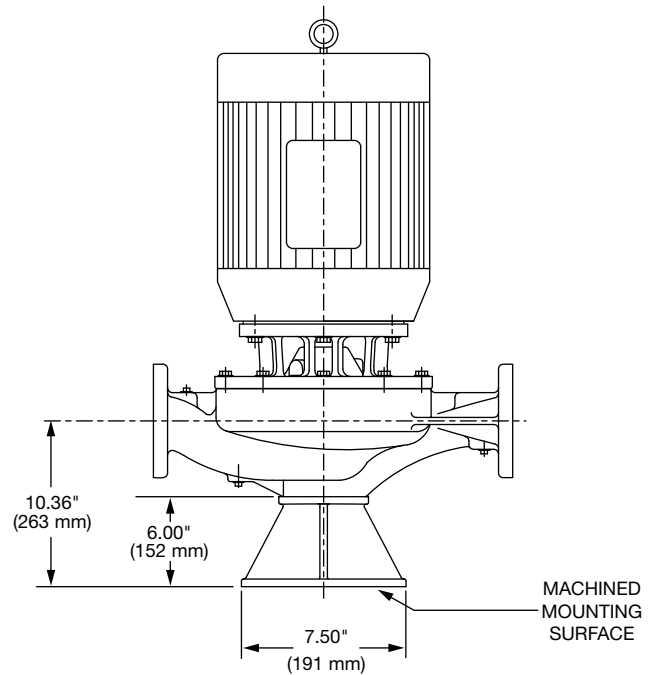
NSF 61 Certified

Yes  No

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



### PUMP WITH OPTIONAL SUPPORT STAND



### DIMENSIONS

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

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

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).  
Do not use for construction purposes unless certified.

**MATERIALS OF CONSTRUCTION**

Item	BRONZE FITTED		ALL IRON		NSF 61	
	Standard Pump Construction	Optional	Standard	Optional	Standard	Optional
Casing	Cast Iron ASTM A48 Class 30A	N/A	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	St. Steel AISI 416 ASTM A582	CF
Wear Ring	None	Bronze ASTM B584-932 SAE660	None	N/A	None	Bronze ASTM B584-932 SAE660
Shaft	St. Steel AISI 416 ASTM A582	N/A	St. Steel AISI 416 ASTM A582	N/A	St. Steel AISI 416 ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	N/A	Aluminum Alloy 6061-T6	N/A	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/Carbon/EPT	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/Carbon/EPT	Ceramic / EPT	Tungsten Carbide / Silicon-Carbide/Carbon/EPT
Seal Flush Line	Copper	CF	Stainless Steel	CF	Copper	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	N/A	Ductile Iron ASTM A536-84 Grade: 65-45-12

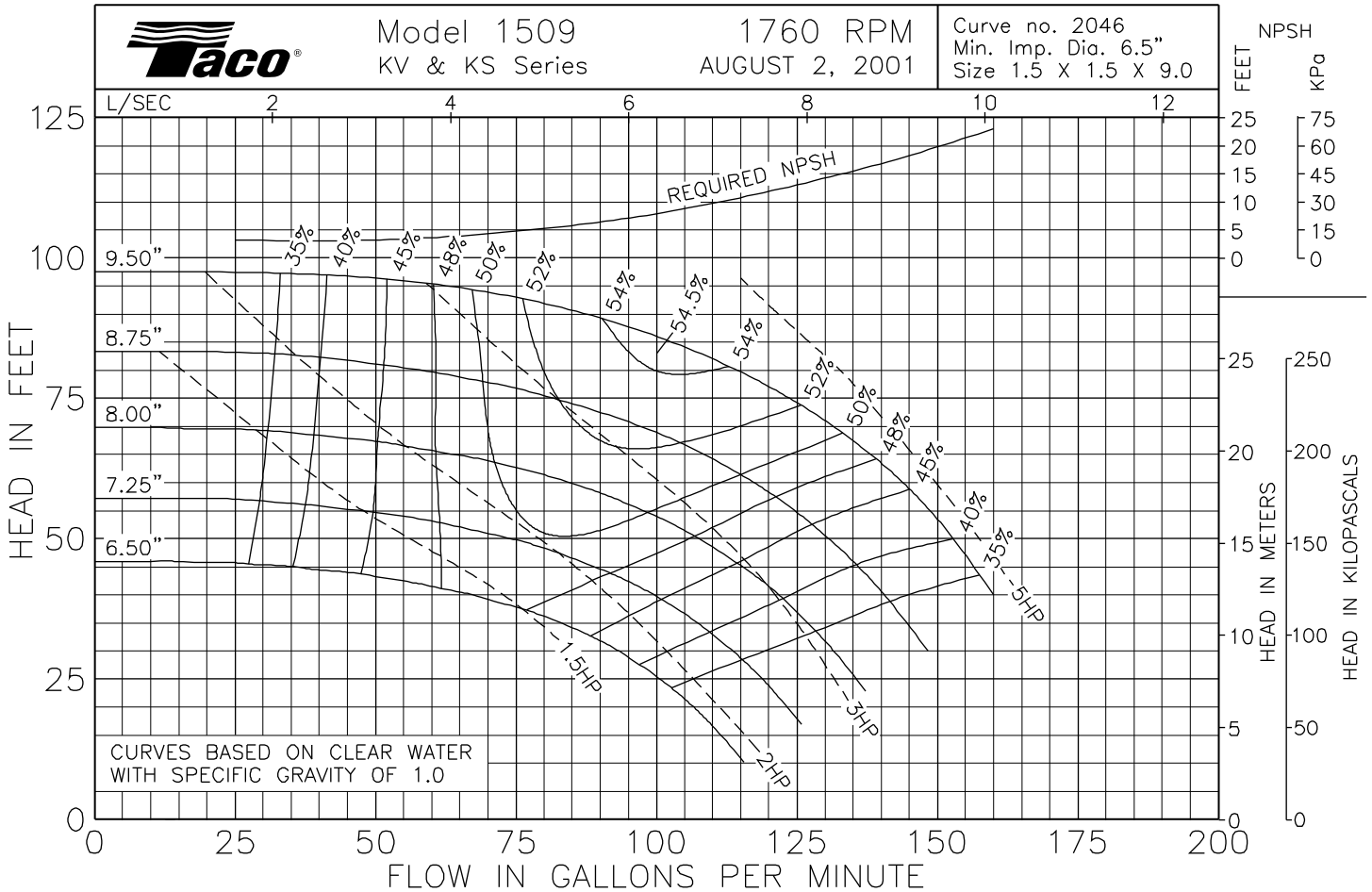
**OPERATING SPECIFICATIONS**

	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	150 (68)	160 (73)
182JM - 184JM	190 (86)	200 (91)



Comments \_\_\_\_\_

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