

Submittal Data Information

KV Series Vertical Close Coupled Pumps

301-1102

EFFECTIVE: MAY 31, 2017

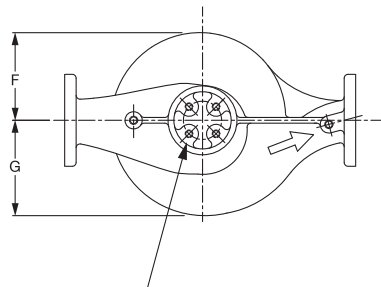
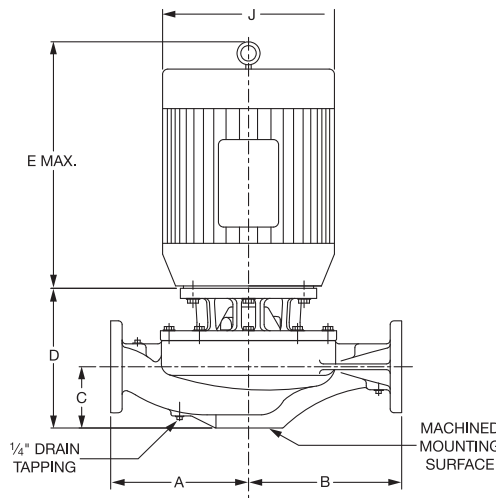
SUPERSEDES: MAY 5, 2016

1760 RPM MODEL 2009

JOB _____ ENGINEER _____

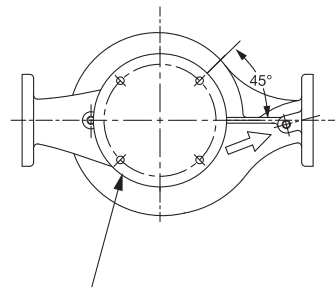
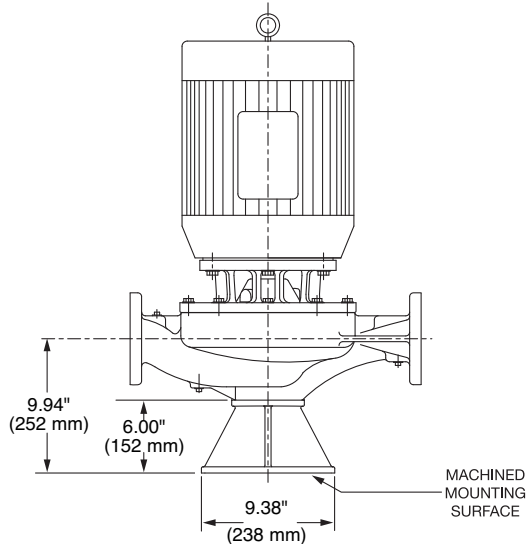
CONTRACTOR _____ REP. _____

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
NSF 61 Certified ☐ Yes ☐ No WEIGHT _____ PUMP/MOTOR _____						



FOUR 3/8" -16 UNC
THREADED MOUNTING
HOLES ON A
2.50" (64 mm)
BOLT CIRCLE

PUMP WITH OPTIONAL SUPPORT STAND



FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 7.75" (197 mm)
BOLT CIRCLE

SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
☐ YES	☐ NO

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	144 (65)	163 (74)
182JM - 184JM	178 (81)	197 (89)
213JM - 215JM	205 (93)	224 (102)

DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
2009	2 x 2 (51 x 51)	145JM	2	2 (51)	9.00 (229) if ANSI Class 125	10.00 (254) if ANSI Class 125	3.94 (100)	8.29 (211)	13.43 (341)	5.72 (145)	6.22 (158)	0.25 (6)	6.62 (168)
		182JM	3					8.29 (211)	13.94 (354)				7.88 (200)
		184JM	5					8.29 (211)	15.58 (396)				7.88 (200)
		213JM	7.5					8.29 (211)	16.68 (424)				9.56 (234)
					9.25 (235) if ANSI Class 250	10.25 (260) if ANSI Class 250							

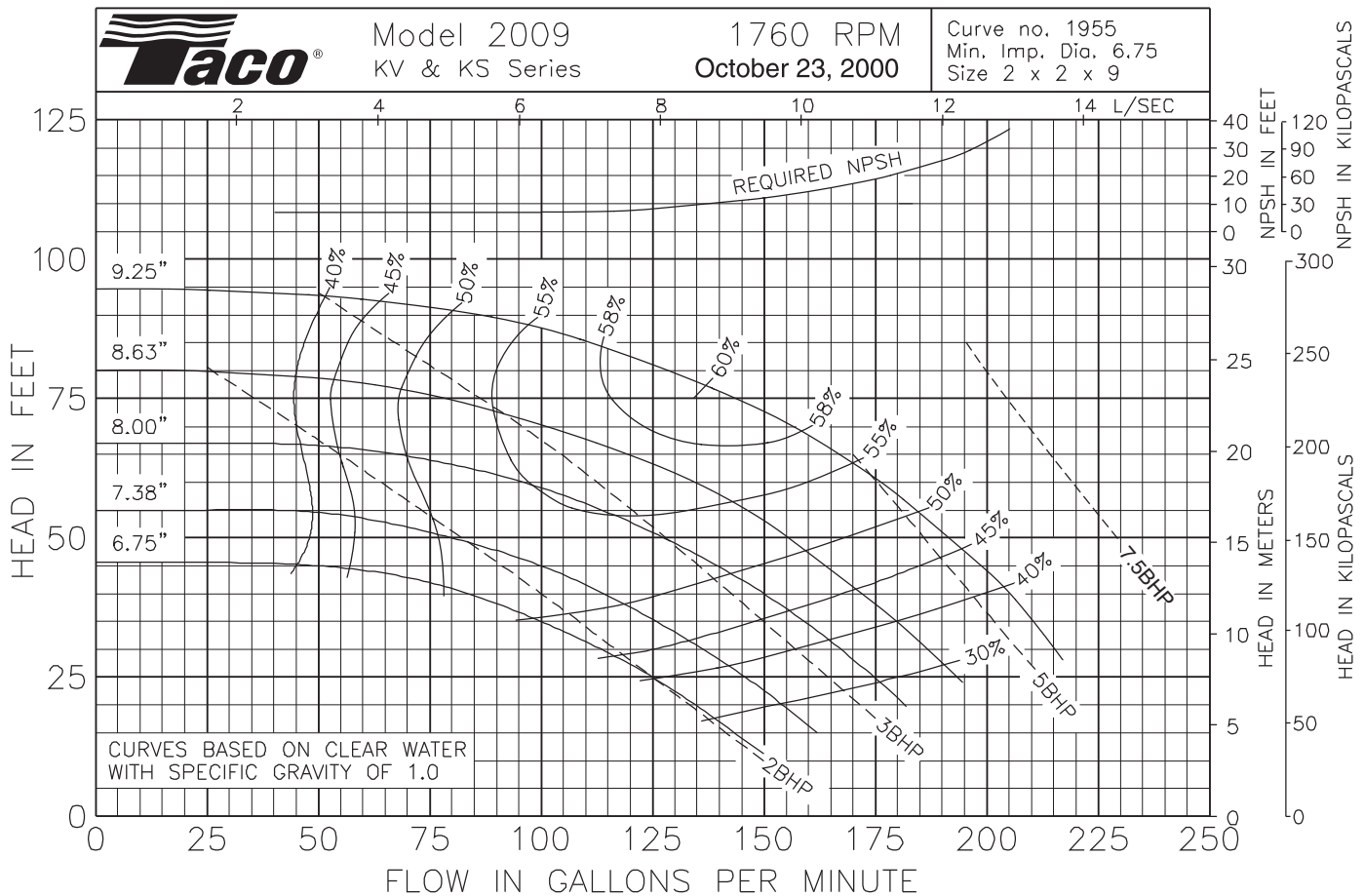
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED			NSF 61		
	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#
	125# Flange	250# Flange		125# Flange	250# Flange	
Casing	Cast Iron ASTM A48/ A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A	Cast Iron ASTM A48/ A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Impeller	Bronze ASTM B584 ALLOY C83600 or C84400	Bronze ASTM B584 ALLOY C83600 or C84400	N/A	Stainless Steel ASTM A351/A 351M-08	Stainless Steel ASTM A351/A 351M-08	N/A
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Carbon Steel	Carbon Steel	N/A	Carbon Steel	Carbon Steel	N/A
Shaft Sleeve	Bronze ASTM B584-98A C92200	Bronze ASTM B584-98A C92200	Stainless Steel TYPE 303 ASTM A276	Bronze ASTM B584-98A C92200	Bronze ASTM B584-98A C92200	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon Carbide/EPT	Ceramic/EPT	Ceramic/EPT	N/A
Seal Flush Line Assembly	Copper & Brass C3600	Copper & Brass C3600	N/A	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not Available

Revised: 05-31-2017



Comments: _____

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