



Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1146

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

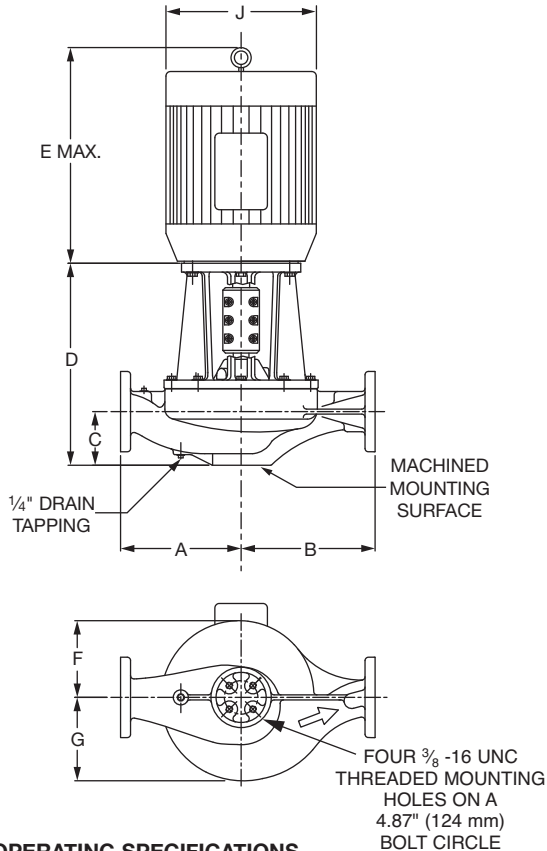
1160 RPM MODEL 4009

JOB _____ ENGINEER _____

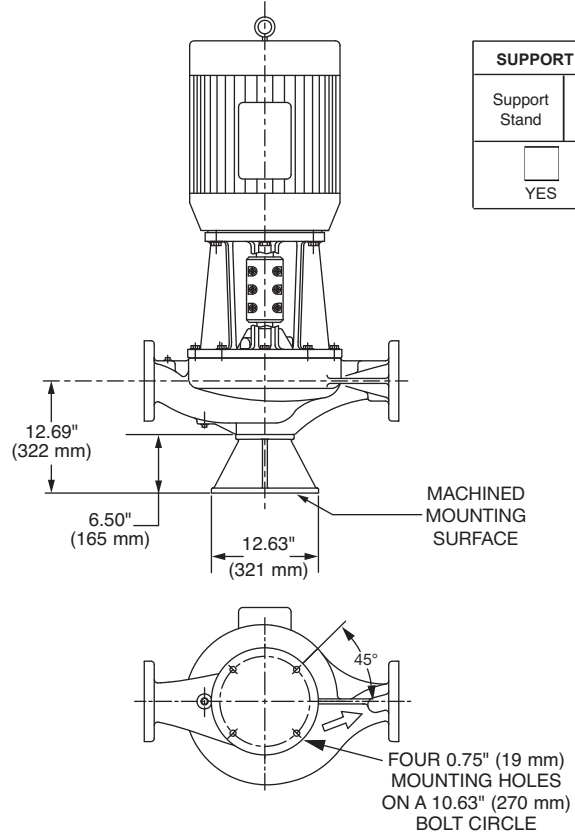
CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



PUMP WITH OPTIONAL SUPPORT STAND



SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/>	<input type="checkbox"/>
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

MAXIMUM ASSEMBLY WEIGHT

Motor Frame	Weight without Optional Stand Lbs (Kg)	Weight with Optional Stand Lbs (Kg)
143CZ - 145CZ	279 (127)	326 (148)
182CZ - 184CZ	318 (144)	365 (166)
213CZ - 215CZ	355 (161)	402 (182)

Motors: All NEMA Standard ODP Frame (CZ Shaft)
 * In accordance with ANSI Standard B16.1 Class 125
 ** In accordance with ANSI Standard B16.1 Class 250 Dim.

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
4009	4 x 4 (102 x 102)	145CZ	1	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	17.01 (432)	14.05 (357)	6.28 (160)	7.25 (184)	0.25 (6)	7.05 (179)
		182CZ	15.64 (397)					8.49 (216)					
		184CZ	16.68 (424)					8.49 (216)					
		213CZ	19.13 (486)					10.18 (259)					

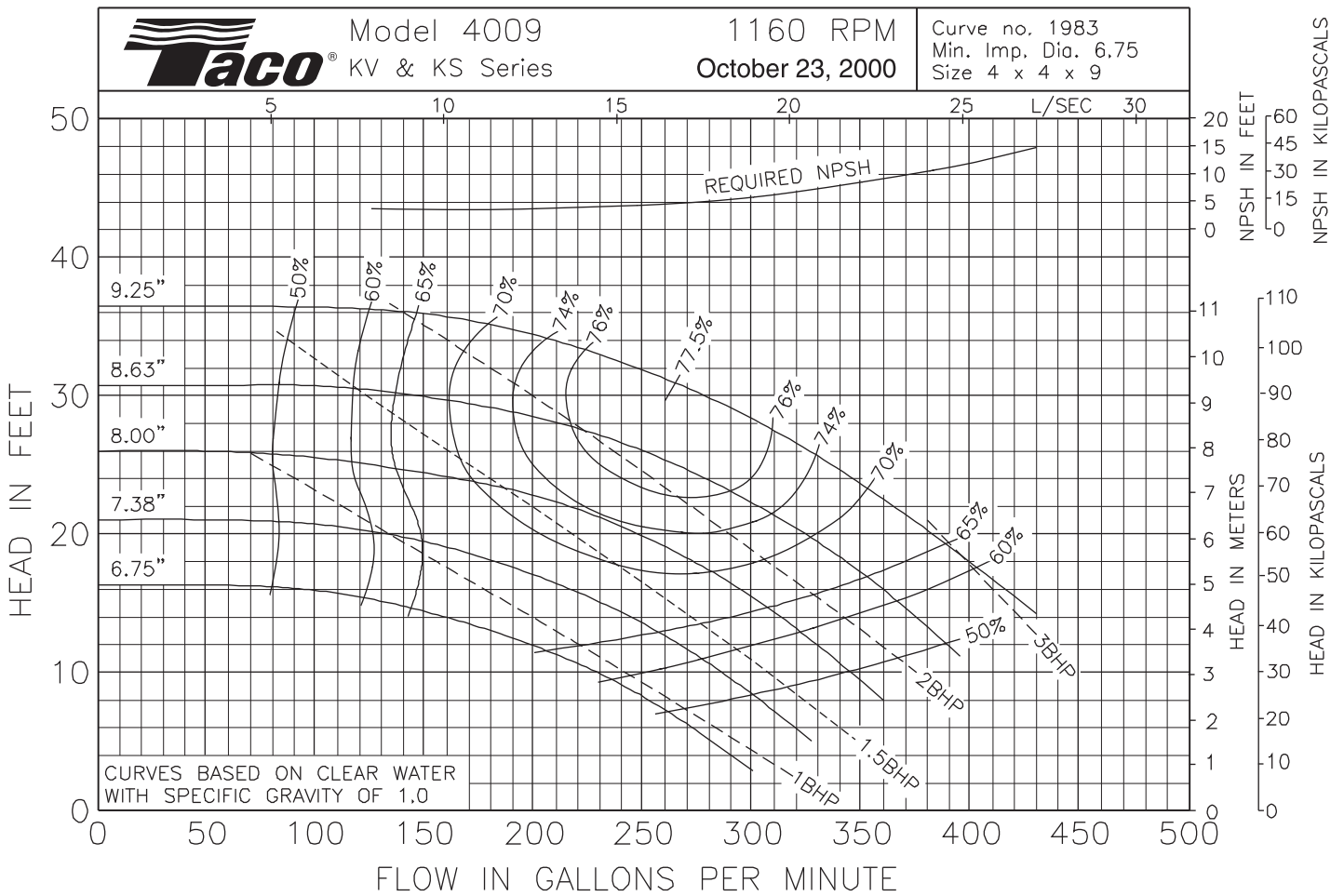
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
 Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#
	125# Flange	250# Flange	
Casing	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
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon- Carbide/EPT
Seal Flush Line	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 05/31/2017



Comments: _____



Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436

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Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1160

EFFECTIVE: MAY 31, 2017

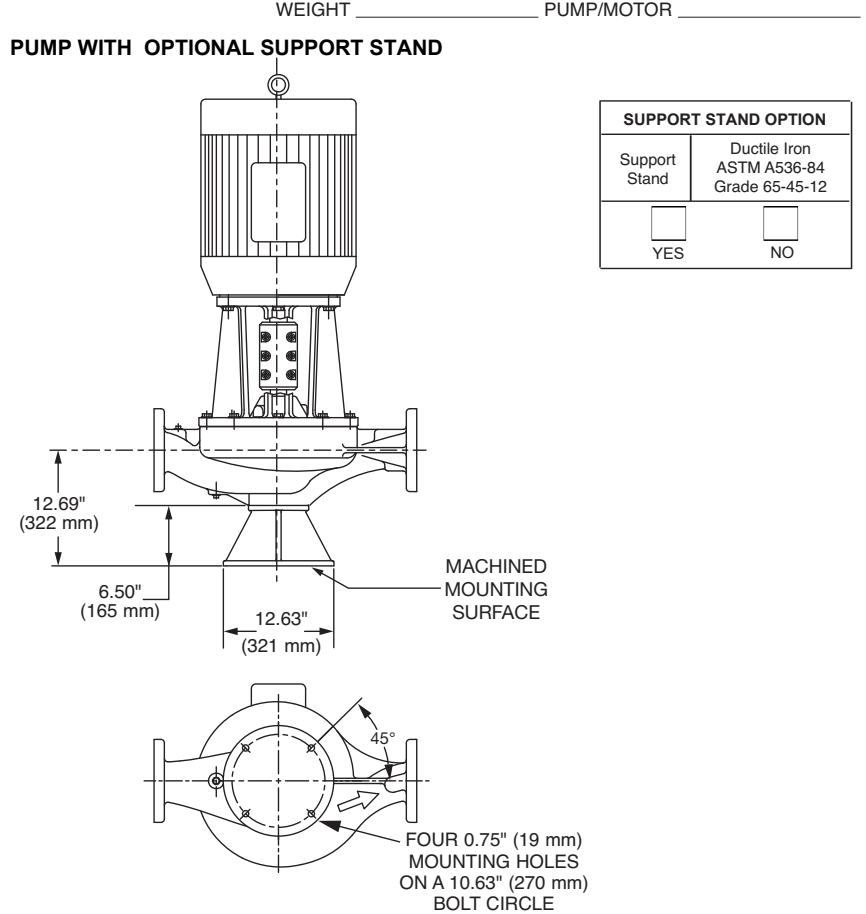
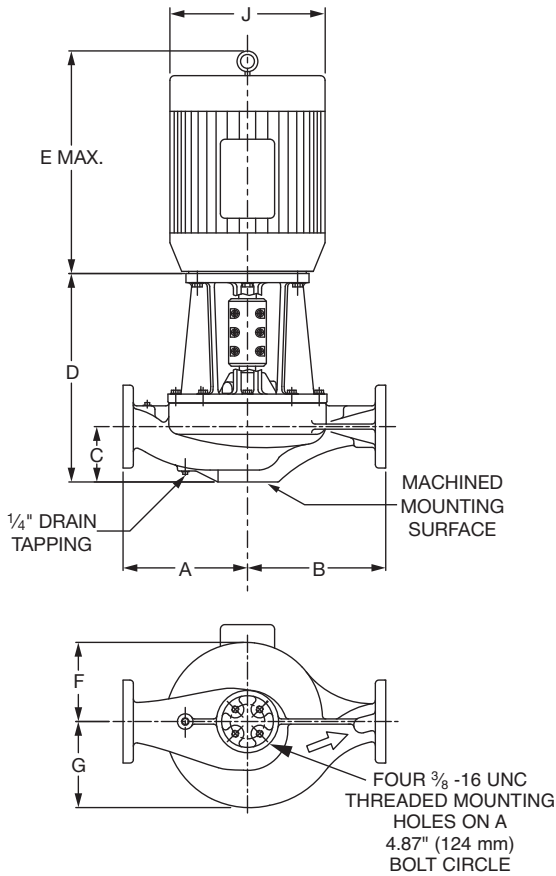
SUPERSEDES: JUNE 25, 2016

1760 RPM MODEL 4009

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.
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SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/>	<input type="checkbox"/>
YES	NO

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 ODP Frame (CZ Shaft)
 * 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)
182CZ - 184CZ	325 (147)	372 (169)
213CZ - 215CZ	379 (172)	426 (193)
254CZ - 256CZ	436 (198)	483 (219)

DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1760 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4009	4 x 4 (102 x 102)	182CZ	3	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	17.01 (432)	15.64 (397)	6.28 (160)	7.25 (184)	0.25 (6)	8.49 (216)
		184CZ	5					17.01 (432)	16.68 (424)				8.49 (216)
		213CZ	7.5					17.01 (432)	19.13 (486)				10.18 (259)
		215CZ	10					17.01 (432)	20.63 (524)				10.18 (259)
		254CZ	15					19.78 (502)	24.36 (619)				12.88 (327)

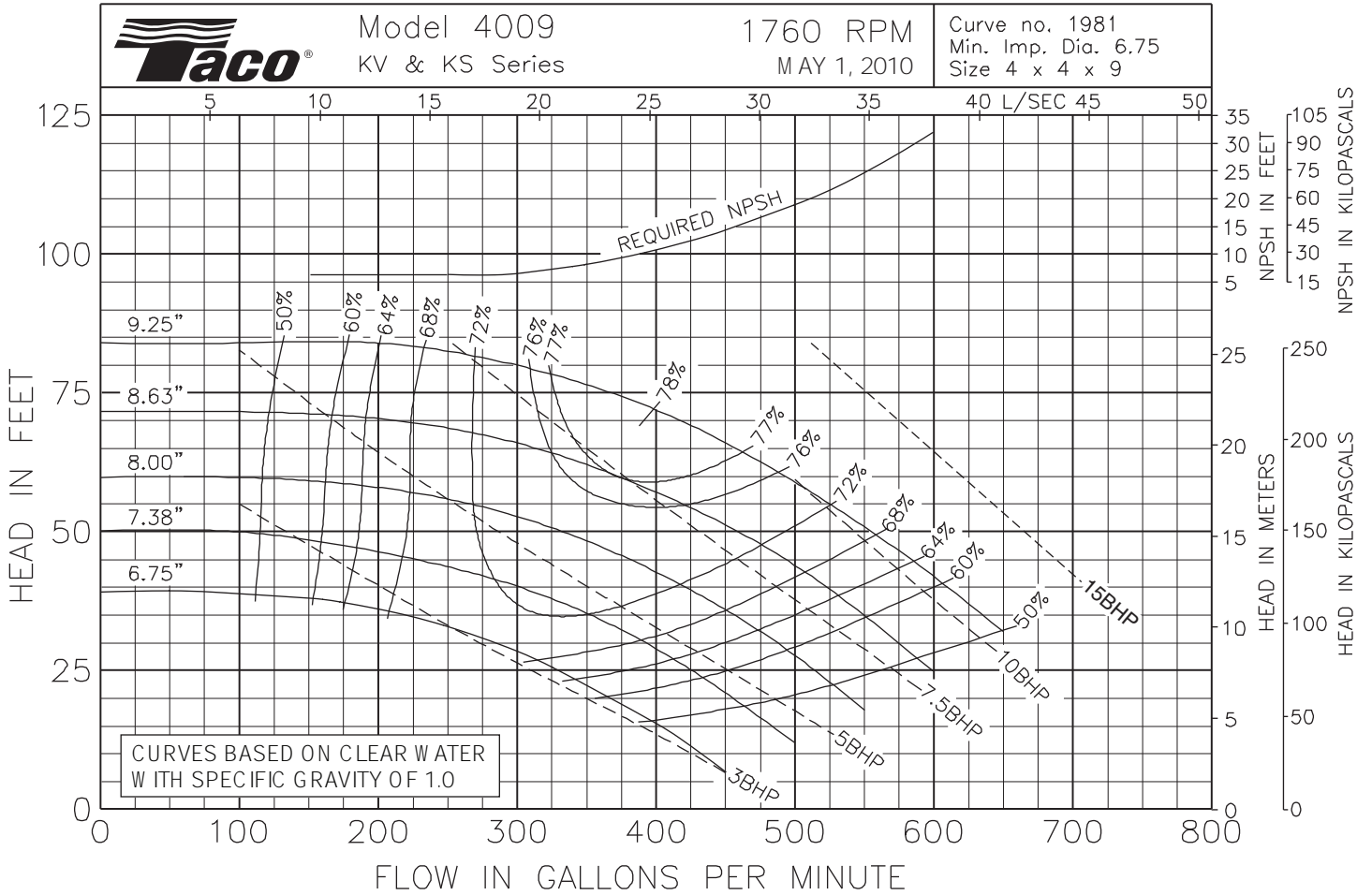
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
 Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# Flange	250# Flange	125# or 250#
Casing	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
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon Carbide/EPT
Seal Flush Line	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 05/31/2017



Comments: _____



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Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1174

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

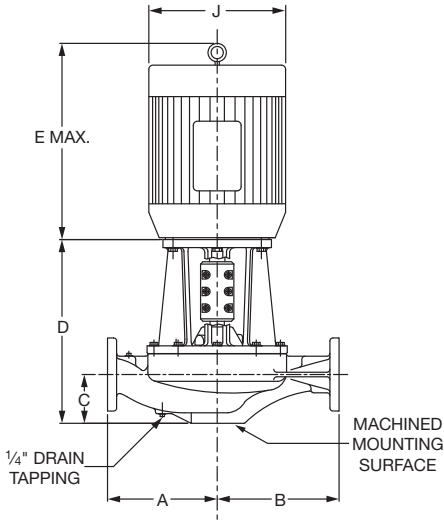
3500 RPM MODEL 4009

JOB _____ ENGINEER _____

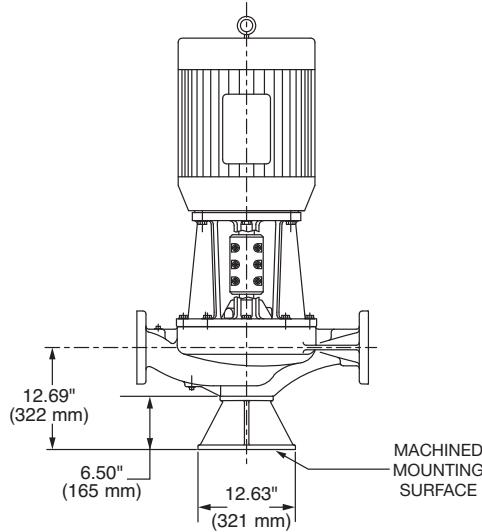
CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____

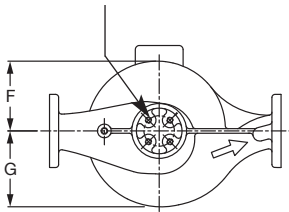


PUMP WITH OPTIONAL SUPPORT STAND

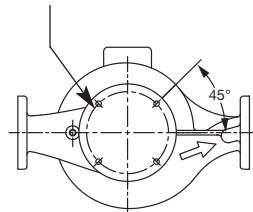


SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/>	<input type="checkbox"/>
YES	NO

FOUR 3/8 -16 UNC
THREADED MOUNTING
HOLES ON A
4.87" (124 mm)
BOLT CIRCLE



FOUR 0.75" (19 mm)
MOUNTING HOLES
ON A 10.63" (270 mm)
BOLT CIRCLE



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 ODP Frame (CZ Shaft)
* 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)
254CZ - 256CZ	618 (280)	665 (302)
284CZ - 286CZ	752 (341)	799 (362)
324CZ - 326CZ	1036 (470)	1083 (491)

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)	256CZ	25	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	19.78 (502)	26.11 (663)	6.28 (160)	7.25 (184)	0.25 (6)	12.88 (327)
		284CZ	30					19.78 (502)	27.94 (710)				14.63 (372)
		286CZ	40					19.78 (502)	29.14 (740)				14.63 (372)
		324CZ	50		21.53 (547)	31.07 (789)		16.50 (419)					
		326CZ	60**		21.53 (547)	32.57 (827)		16.50 (419)					
					11.32 (288) if ANSI Class 250	13.32 (338) 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.

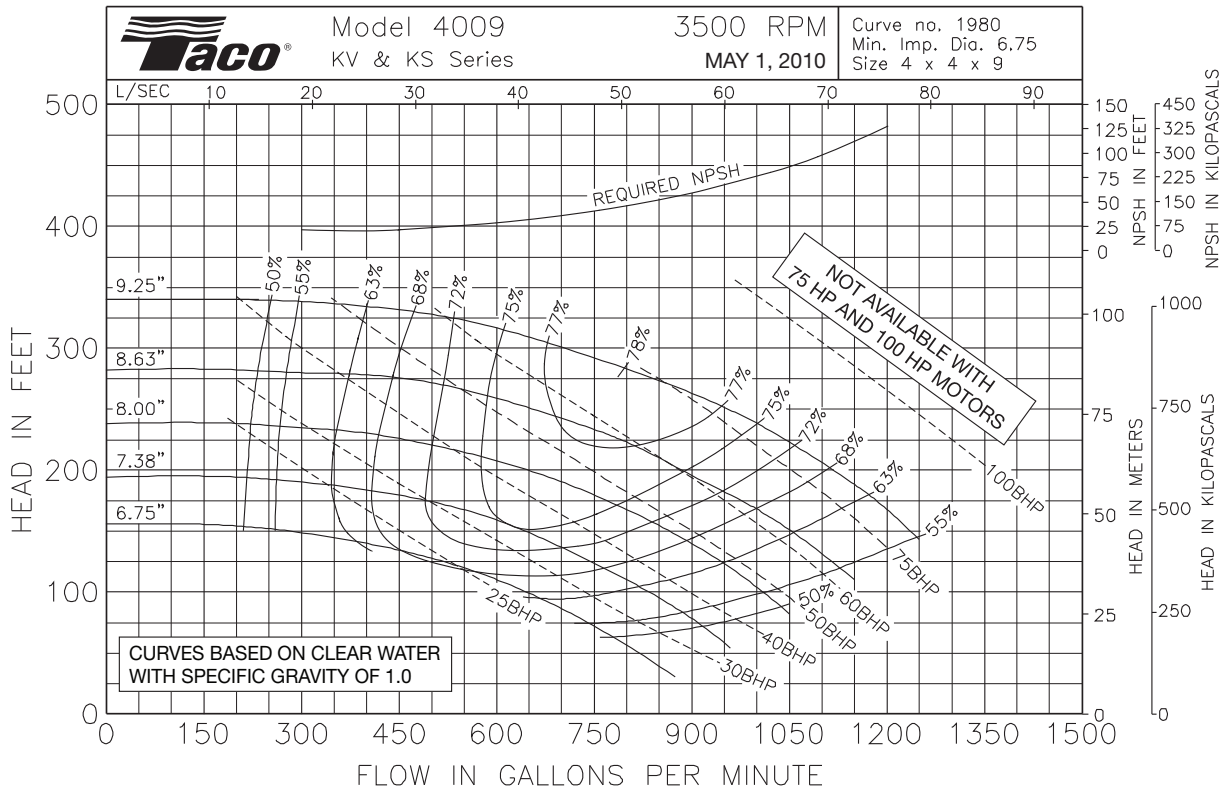
** Not available in TEFC.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# Flange	250# Flange	125# or 250#
Casing	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
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon- Carbide/EPT
Seal Flush Line	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 05/31/2017



Comments: _____

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Submittal Data Information

KS Series Vertical Split Coupled Pumps (50 Hz)

301-1188 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

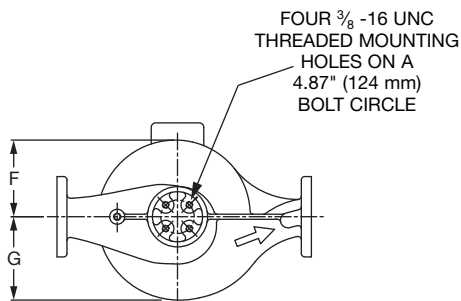
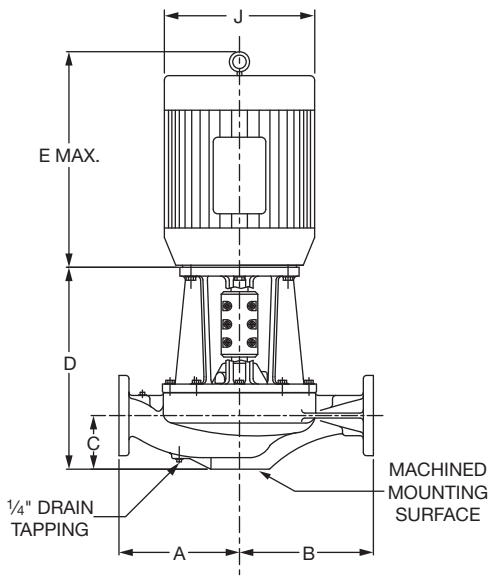
1450 RPM MODEL 4009

JOB _____ ENGINEER _____

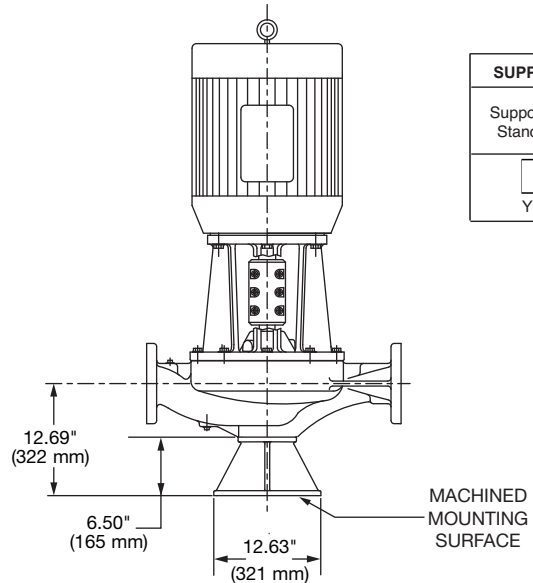
CONTRACTOR _____ REP. _____

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

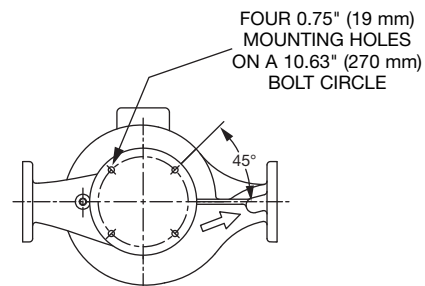
WEIGHT _____ PUMP/MOTOR _____



PUMP WITH OPTIONAL SUPPORT STAND



SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/>	<input type="checkbox"/>
YES	NO



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 1450 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4009	4 x 4 (102 x 102)	145CZ	2	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19 (157)	17.01 (432)	14.05 (357)	6.28 (160)	7.25 (184)	0.25 (6)	7.05 (179)
		182CZ	3					17.01 (432)	15.64 (397)				8.49 (216)
		184CZ	5					17.01 (432)	16.68 (424)				8.49 (216)
		213CZ	7.5		17.01 (432)	19.13 (486)		10.18 (259)					

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		
	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#
	125# Flange	250# Flange	
Casing	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
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon- Carbide/EPT
Seal Flush Line	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 05/31/2017

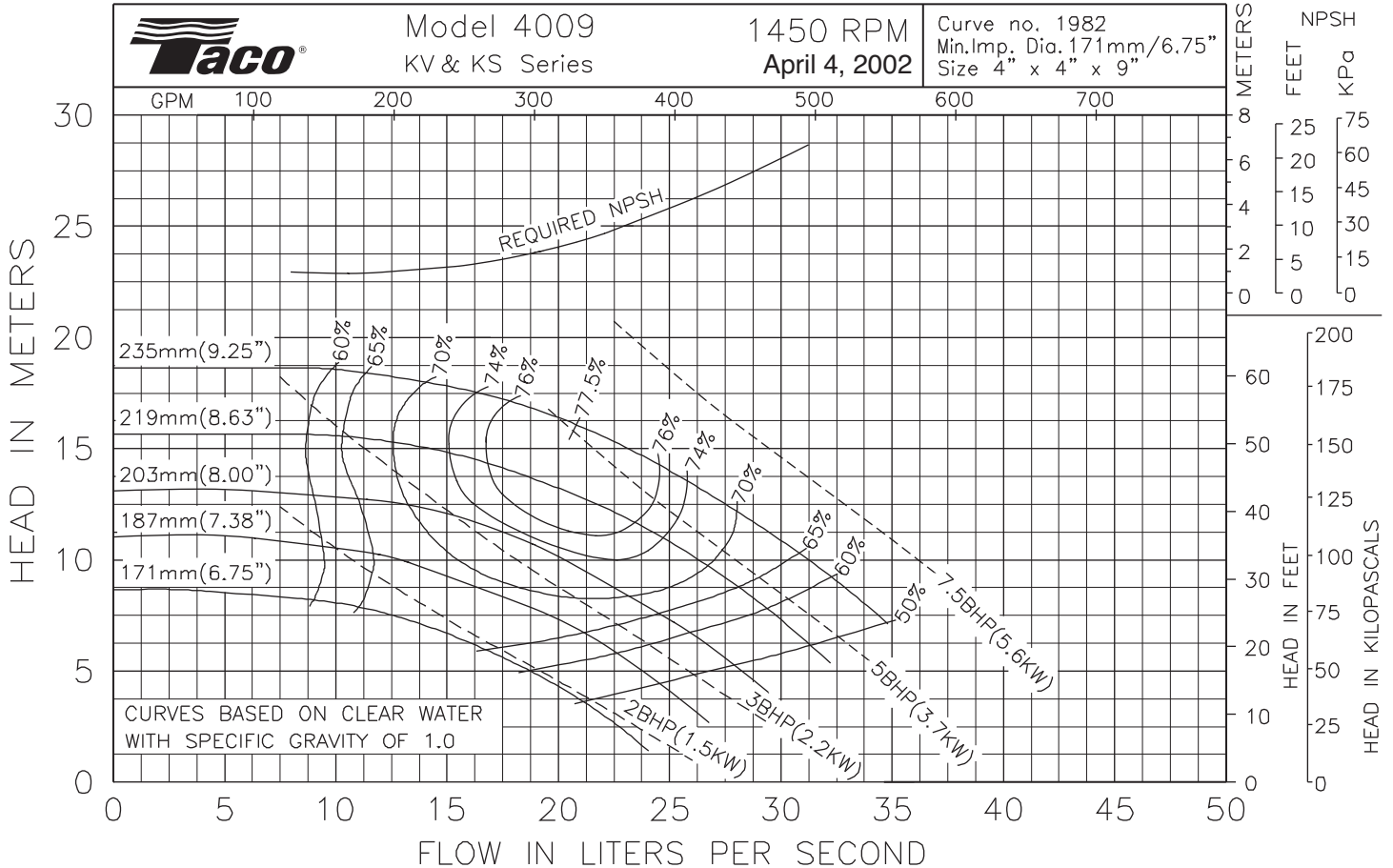
OPERATING SPECIFICATIONS

	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 ODP Frame (CZ Shaft)
 * 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)
143CZ - 145CZ	319 (145)	366 (166)
182CZ - 184CZ	358 (162)	405 (184)
213CZ - 215CZ	417 (189)	464 (210)



Comments:



Submittal Data Information

KS Series Vertical Split Coupled Pumps (50 Hz)

301-1220 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

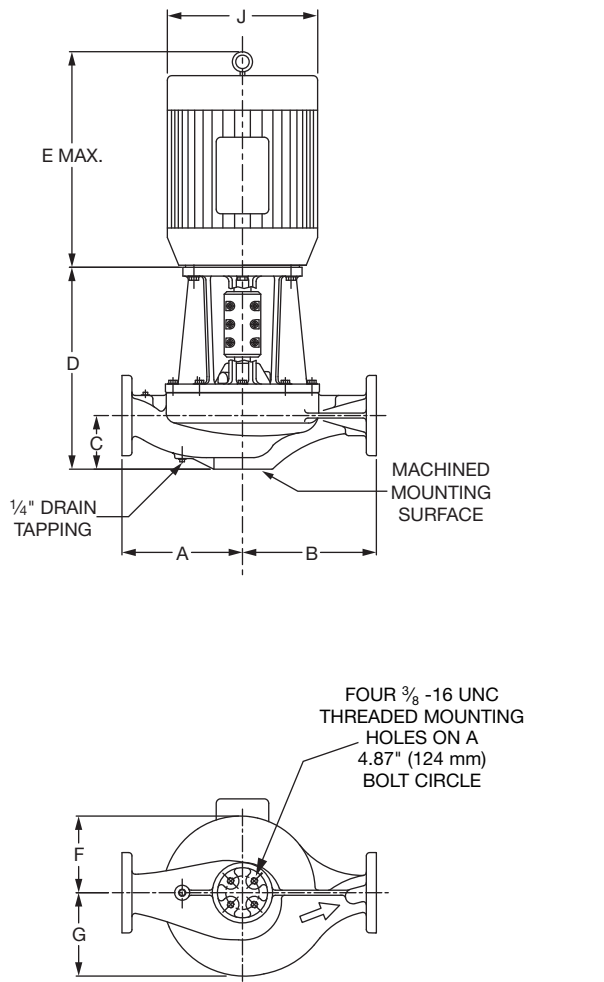
2900 RPM MODEL 4009

JOB _____ ENGINEER _____

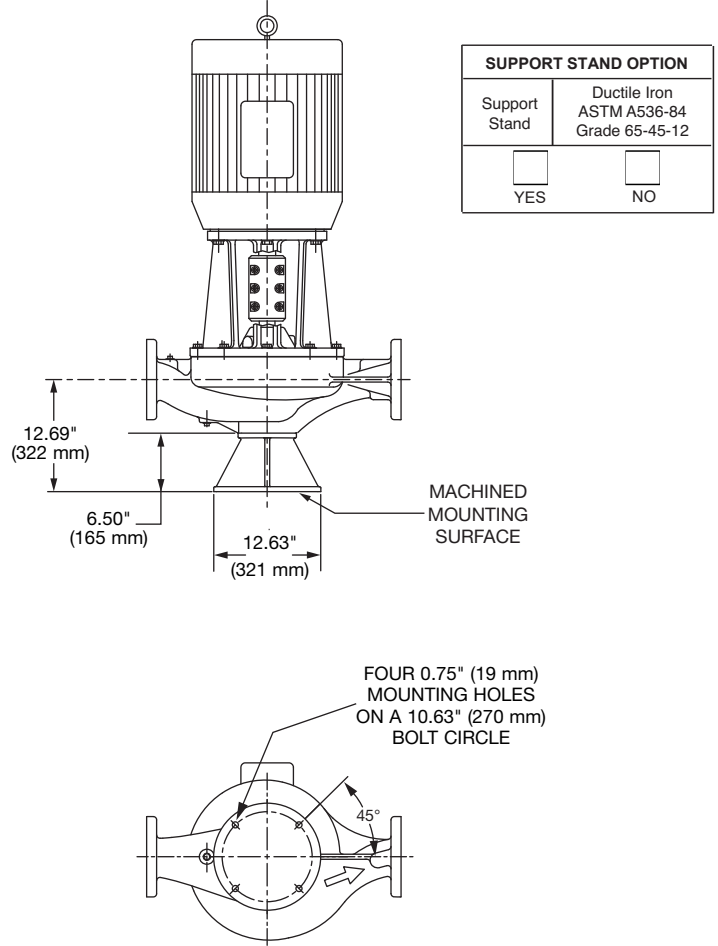
CONTRACTOR _____ REP. _____

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

WEIGHT _____ PUMP/MOTOR _____



PUMP WITH OPTIONAL SUPPORT STAND



DIMENSIONS

*A & B Dimensions apply for all pump sizes.

Model No.	Conn.	Motor Frame	HP 2900 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4009	4 x 4 (102 x 102)	254CZ	20	4 (102)	11.00 (279) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.19	19.78 (502)	24.36 (619)	6.28	7.25	0.25	12.88 (327)
		256CZ	25					19.78 (502)	26.11 (663)				12.88 (327)
		284CZ	30					19.78 (502)	27.94 (710)				14.63 (372)
		286CZ	40					19.78 (502)	29.14 (740)				14.63 (372)
		324CZ	50					21.53 (547)	31.07 (789)				16.50 (419)
					11.32 (288) if ANSI Class 250	13.32 (338) if ANSI Class 250	(157)			(160)	(184)	(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

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# Flange	250# Flange	125# or 250#
Casing	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
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416™™ or 410™™ ASTM A582	Stainless Steel TYPE 416™™ or 410™™ ASTM A582	N/A
Coupling	Aluminum Alloy 6061-T6	Aluminum Alloy 6061-T6	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon Carbide/EPT
Seal Flush Line	Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 05/31/2017

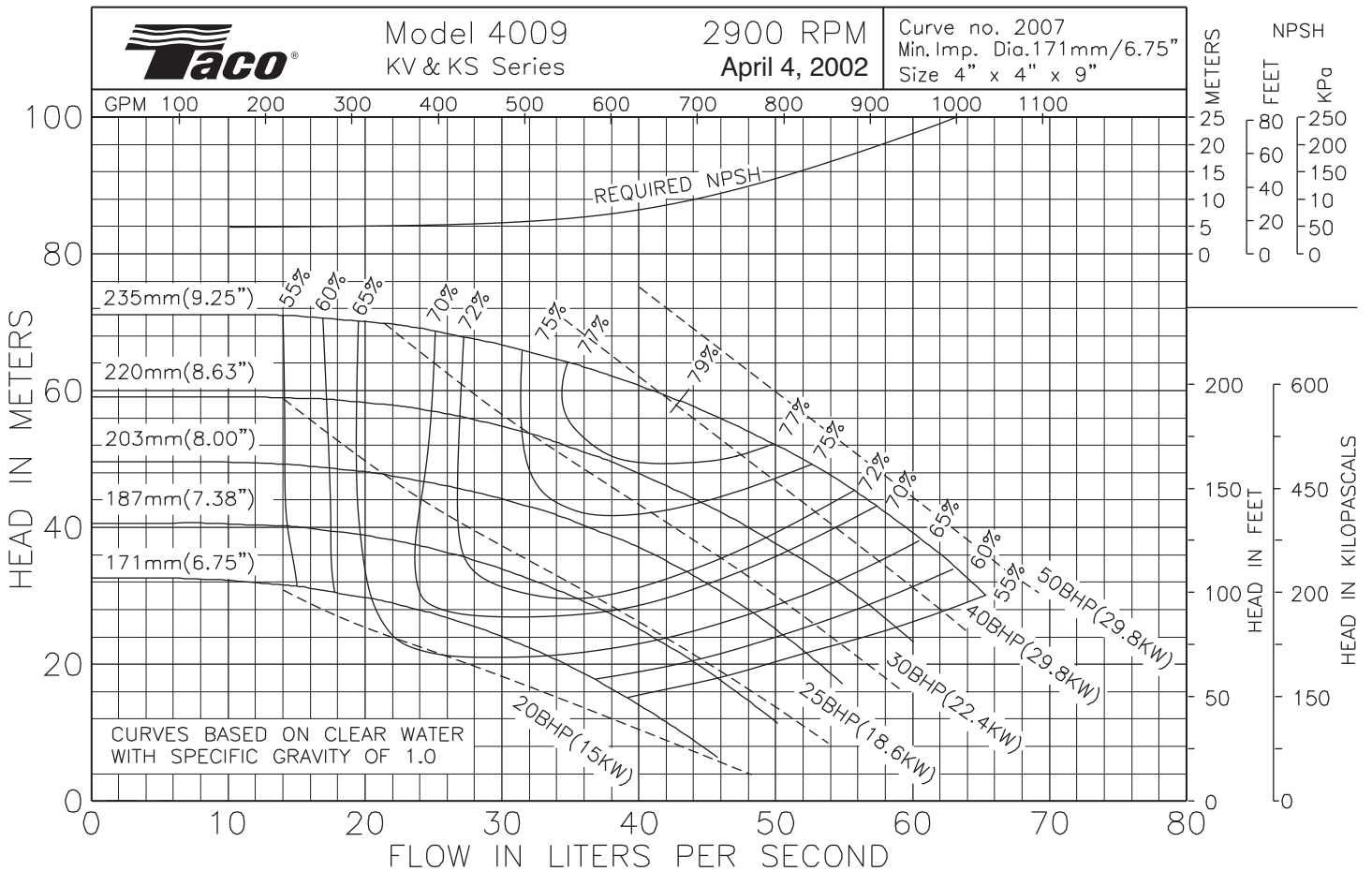
OPERATING SPECIFICATIONS

	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 ODP Frame (CZ Shaft)
 * 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)
254CZ - 256CZ	680 (308)	727 (330)
284CZ - 286CZ	827 (375)	874 (396)
324CZ - 326CZ	1140 (517)	1187 (538)



Comments:



Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

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