



Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1188

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

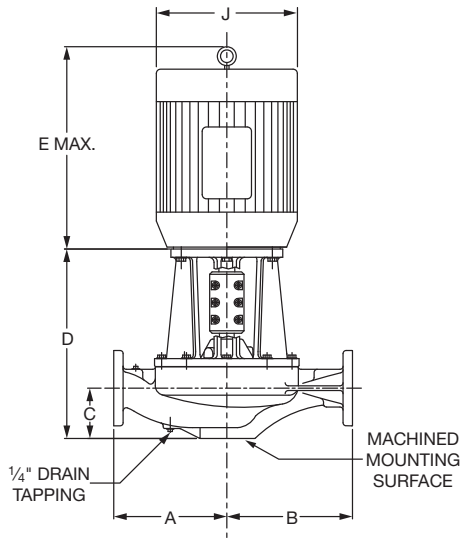
1160 RPM MODEL 4075

JOB _____ ENGINEER _____

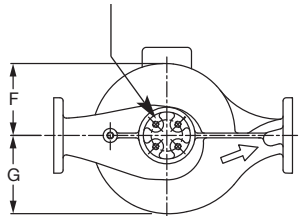
CONTRACTOR _____ REP. _____

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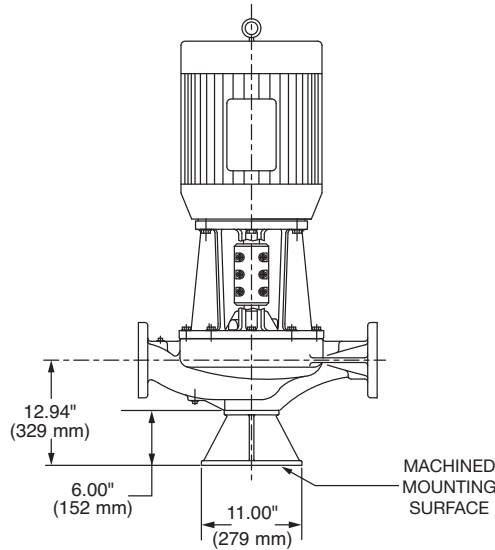
WEIGHT _____ PUMP/MOTOR _____



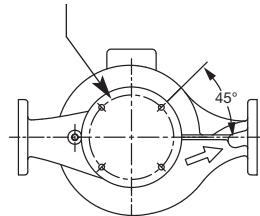
FOUR 3/8" -16 UNC
THREADED MOUNTING
HOLES ON A
3.75" (95 mm)
BOLT CIRCLE



PUMP WITH OPTIONAL SUPPORT STAND



FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 9.25" (235 mm)
BOLT CIRCLE



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

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	269 (122)	295 (134)
182CZ - 184CZ	303 (137)	329 (149)
213CZ - 215CZ	339 (154)	365 (166)

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)	145CZ	1	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	18.40 (467)	14.05 (357)	5.61 (142)	6.99 (177)	0.25 (6)	7.05 (179)
		182CZ	1.5					18.40 (467)	15.64 (397)				8.49 (216)
		184CZ	2					18.40 (467)	16.68 (424)				8.49 (216)
		213CZ	3		18.40 (467)	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.



Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1189

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

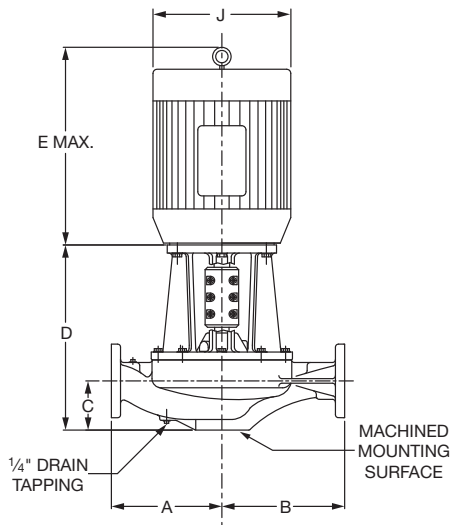
1760 RPM MODEL 4075

JOB _____ ENGINEER _____

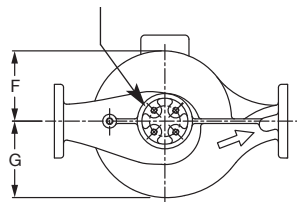
CONTRACTOR _____ REP. _____

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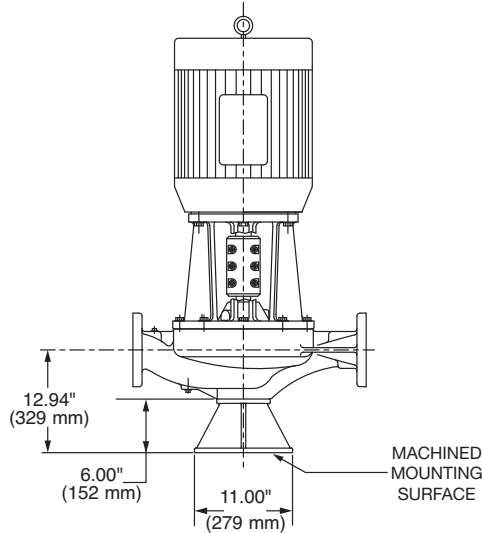
WEIGHT _____ PUMP/MOTOR _____



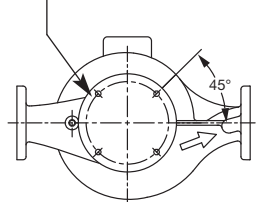
FOUR 3/8 -16 UNC
THREADED MOUNTING
HOLES ON A
3.75" (95 mm)
BOLT CIRCLE



PUMP WITH OPTIONAL SUPPORT STAND



FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 9.25" (235 mm)
BOLT CIRCLE



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

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	307 (139)	333 (151)
213CZ - 215CZ	353 (160)	379 (172)

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	
4075	4 x 4 (102 x 102)	184CZ	5	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	18.40 (467)	16.68 (424)	5.61 (142)	6.99 (177)	0.25 (6)	8.49 (216)	
		213CZ	7.5					18.40 (467)	19.13 (486)				10.18 (259)	

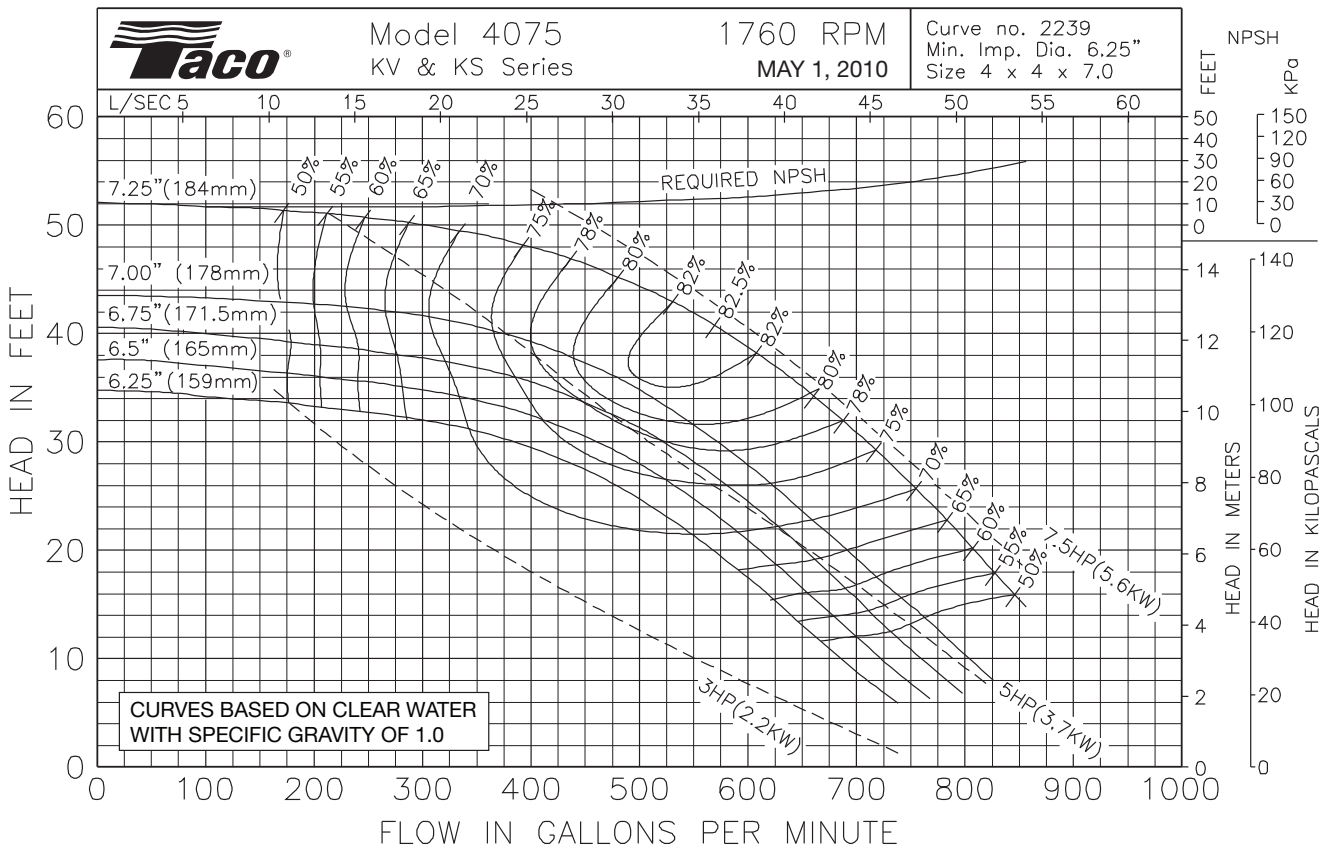
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# 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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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

301-1190

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

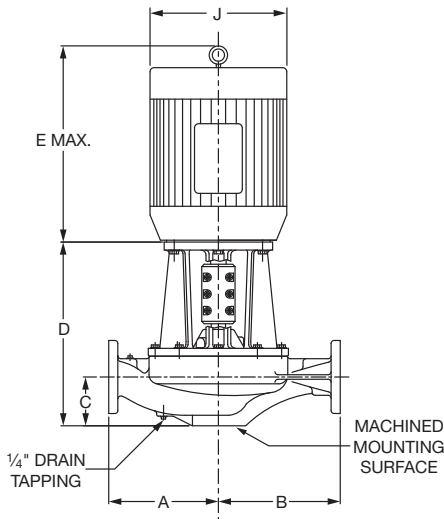
3500 RPM MODEL 4075

JOB _____ ENGINEER _____

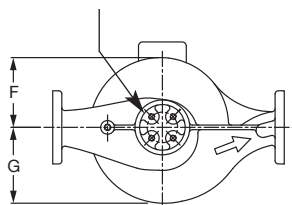
CONTRACTOR _____ REP. _____

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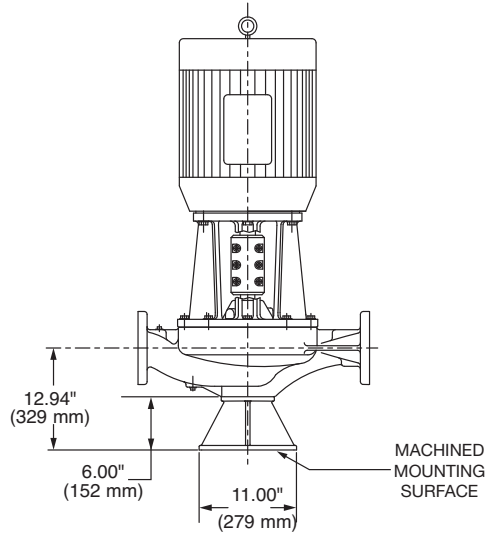
WEIGHT _____ PUMP/MOTOR _____



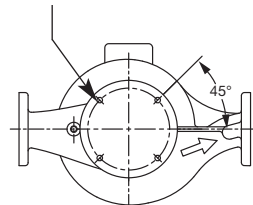
FOUR 3/8 -16 UNC
THREADED MOUNTING
HOLES ON A
3.75" (95 mm)
BOLT CIRCLE



PUMP WITH OPTIONAL SUPPORT STAND



FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 9.25" (235 mm)
BOLT CIRCLE



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)
284CZ - 286CZ	739 (335)	765 (347)
324CZ - 326CZ	1043 (473)	1069 (485)

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)	284CZ	30	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	21.63 (549)	27.94 (710)	5.61 (142)	6.99 (177)	0.25 (6)	14.63 (372)
		286CZ	40					21.63 (549)	29.14 (740)				14.63 (372)
		324CZ	50					23.38 (593)	31.07 (789)				16.50 (419)
		326CZ	60**					23.38 (593)	32.57 (827)				16.50 (419)

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

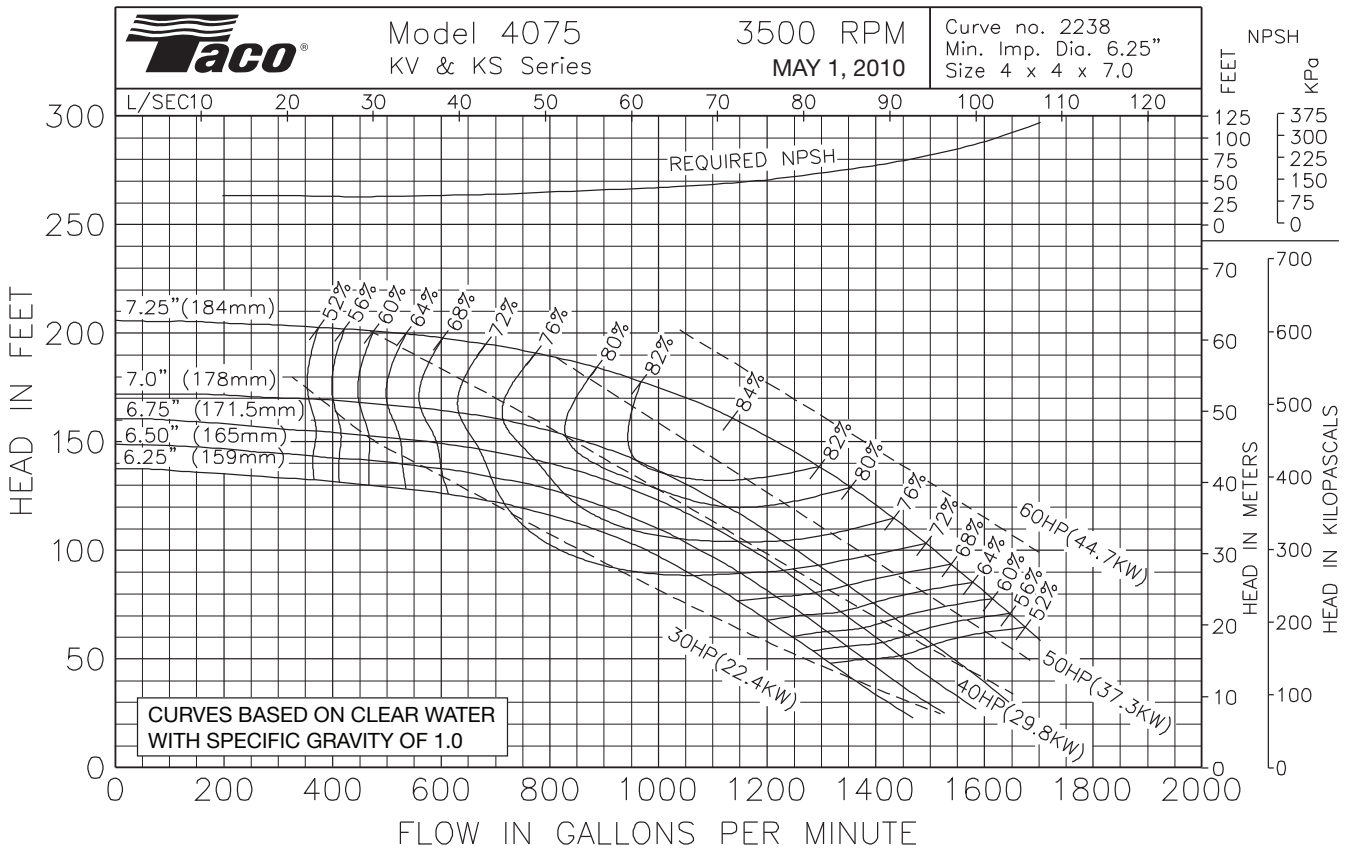
** Not available in TEFC.

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)

301-1223 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

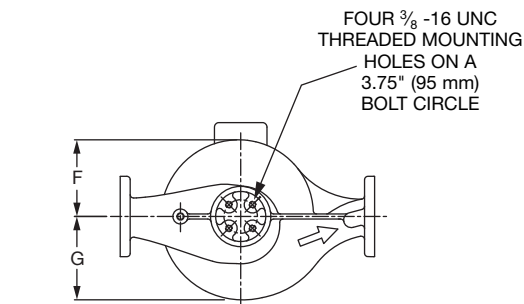
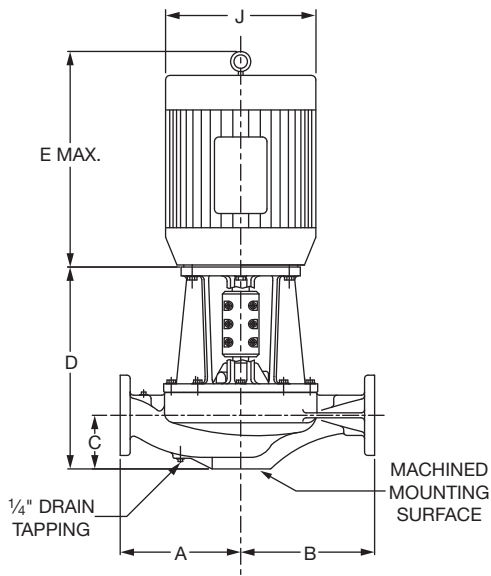
1450 RPM MODEL 4075

JOB _____ ENGINEER _____

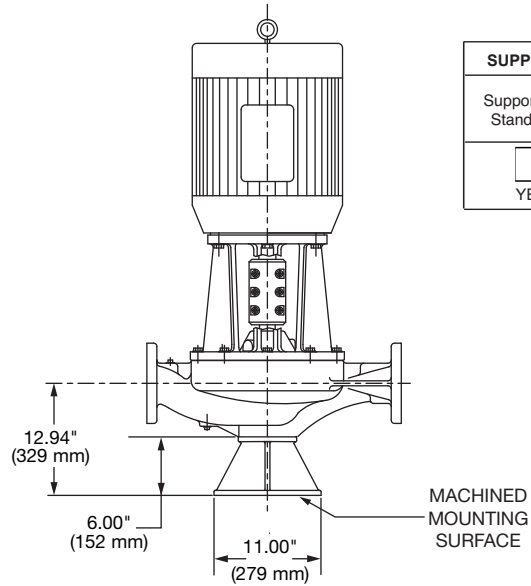
CONTRACTOR _____ REP. _____

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

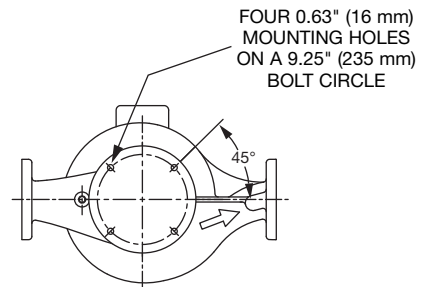
WEIGHT _____ PUMP/MOTOR _____



PUMP WITH OPTIONAL SUPPORT STAND



SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/> YES	<input type="checkbox"/> 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
4075	4 x 4 (102 x 102)	145CZ	2	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	18.40 (467)	14.05 (357)	5.61 (142)	6.99 (177)	0.25 (6)	7.05 (179)
		182CZ	3					18.40 (467)	15.64 (397)				8.49 (216)
		184CZ	5					18.40 (467)	16.68 (424)				8.49 (216)

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

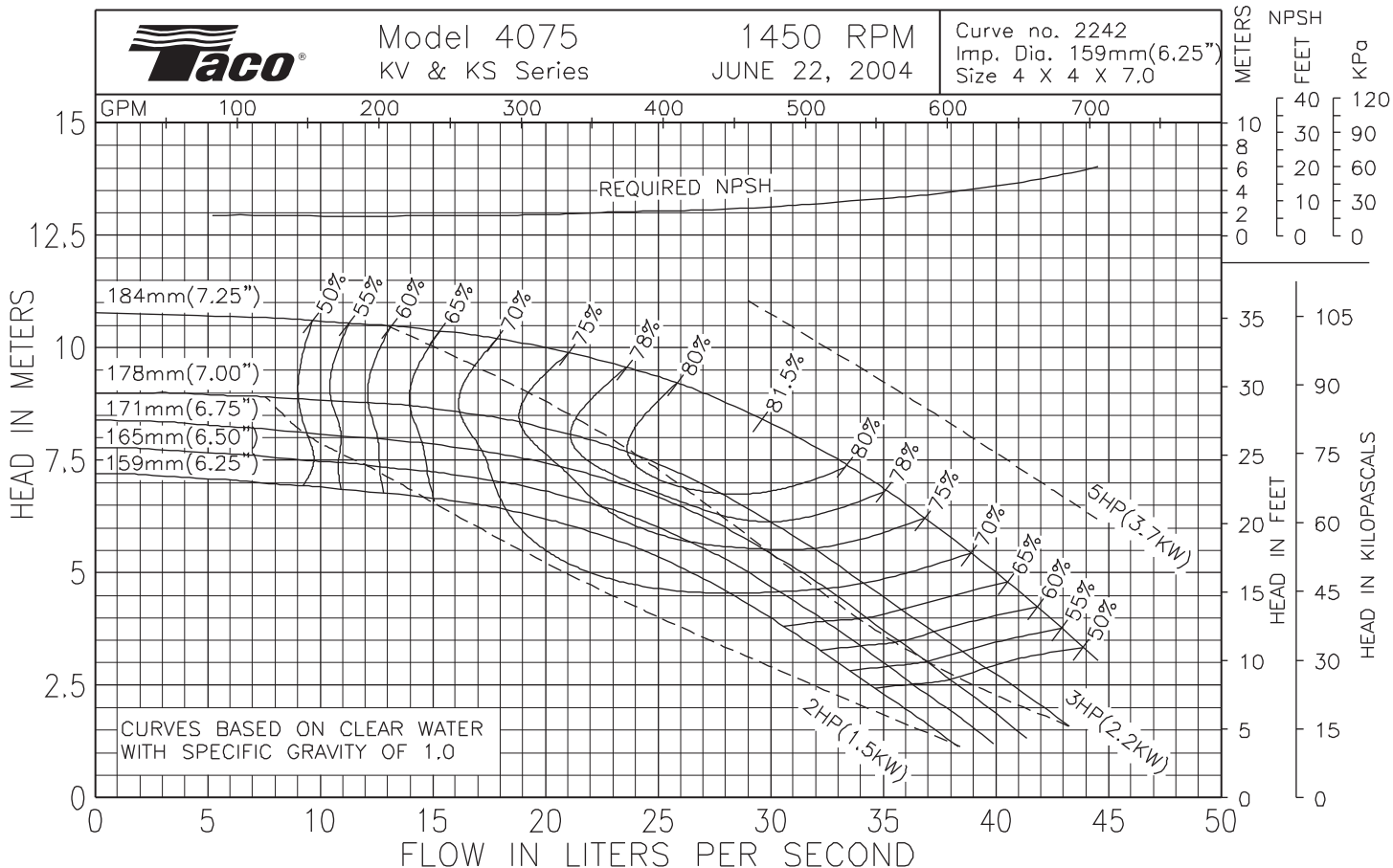
OPERATING SPECIFICATIONS

	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	299 (136)	325 (147)
182CZ - 184CZ	338 (153)	364 (165)



Comments:



Submittal Data Information

KS Series Vertical Split Coupled Pumps (50 Hz)

301-1224 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

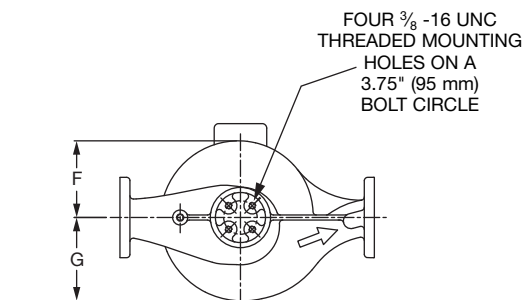
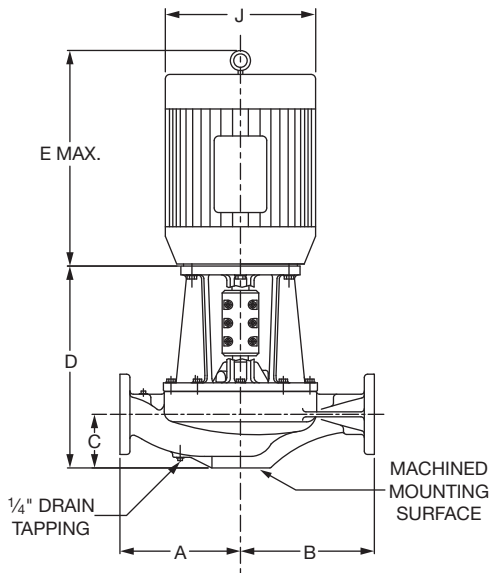
2900 RPM MODEL 4075

JOB _____ ENGINEER _____

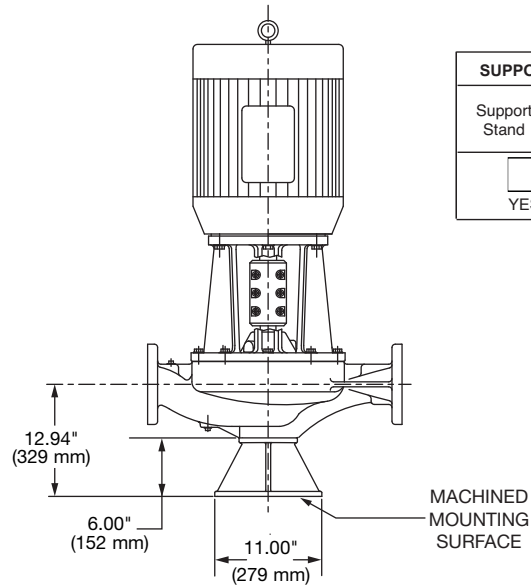
CONTRACTOR _____ REP. _____

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

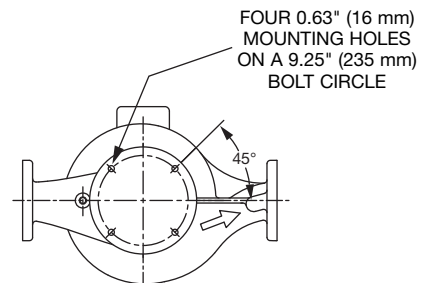
WEIGHT _____ PUMP/MOTOR _____



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 2900 RPM	Flange Size ASA	A*	B*	C	D	E MAX	F	G	H	J DIA
4075	4 x 4 (102 x 102)	215CZ	15	4 (102)	11.81 (300) if ANSI Class 125	10.81 (274) if ANSI Class 125	6.94 (176)	18.40 (467)	20.63 (524)	5.61 (142)	6.99 (177)	0.25 (6)	10.18 (259)
		254CZ	20					21.63 (549)	24.36 (619)				12.88 (327)
		256CZ	25					21.63 (549)	26.11 (663)				12.88 (327)
		284CZ	30		21.63 (549)	27.94 (710)		14.63 (372)					
		286CZ	40		21.63 (549)	29.14 (740)		14.63 (372)					
					12.12 (307) if ANSI Class 250	11.12 (282) if ANSI Class 250							

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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"TT" or 410"TT" ASTM A582	Stainless Steel TYPE 416"TT" or 410"TT" 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

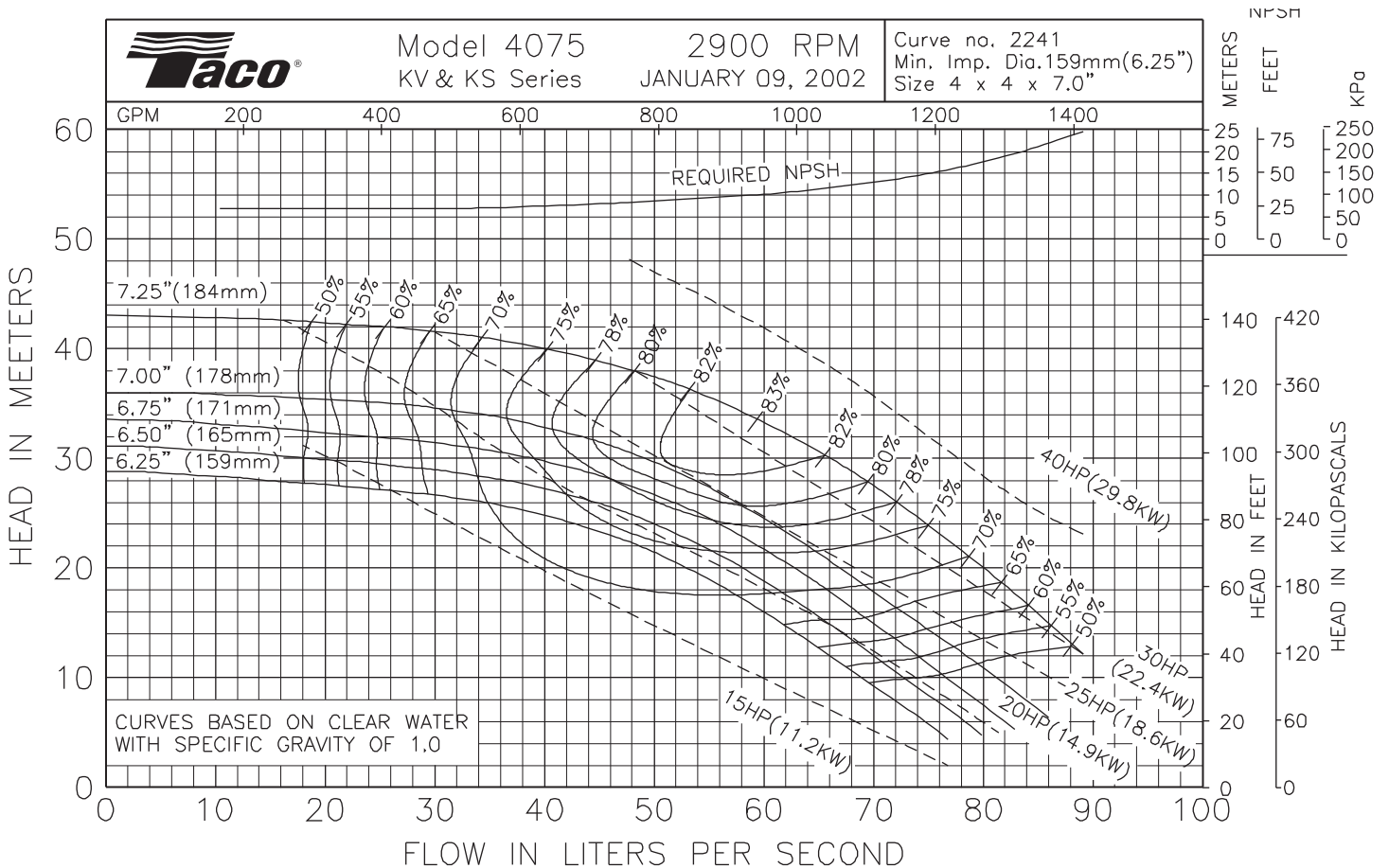
OPERATING SPECIFICATIONS

	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)
213CZ - 215CZ	582 (264)	608 (276)
254CZ - 256CZ	677 (307)	703 (319)
284CZ - 286CZ	813 (369)	839 (381)



Comments:



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

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