



# Submittal Data Information

## KS Series Vertical Split Coupled Pumps

301-1183

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

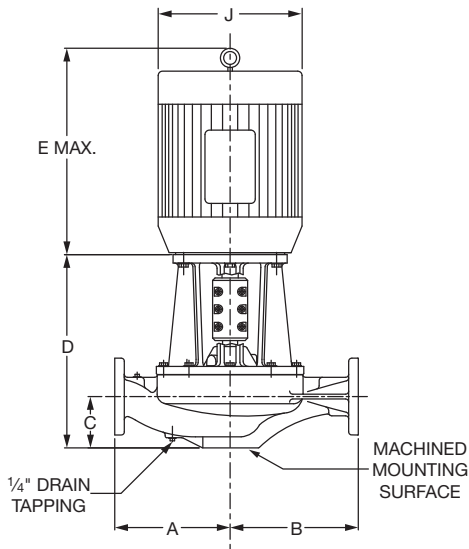
1160 RPM MODEL 1013

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

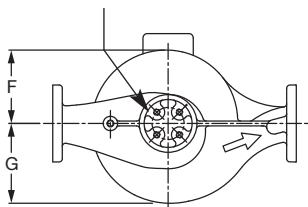
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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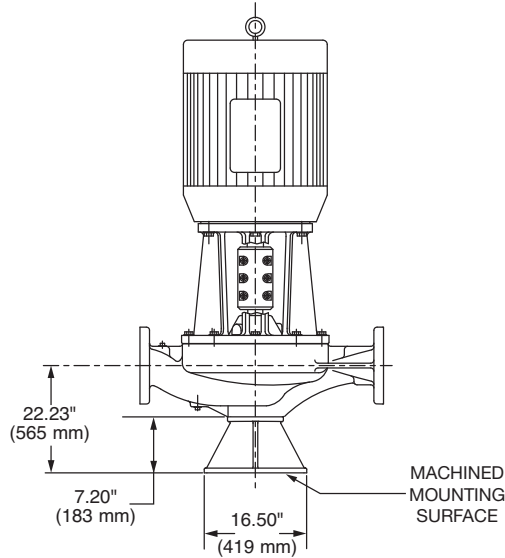
WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



FOUR 5/8" -11 UNC  
THREADED MOUNTING  
HOLES ON A  
8.75" (222 mm)  
BOLT CIRCLE

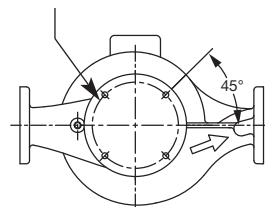


### PUMP WITH OPTIONAL SUPPORT STAND



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

FOUR 0.75" (19 mm)  
MOUNTING HOLES  
ON A 14.50" (368 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)
284CZ - 286CZ	1188 (539)	1288 (584)
324CZ - 326CZ	1305 (592)	1405 (637)
364CZ - 365CZ	1362 (618)	1462 (663)

### 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
1013	10 x 10 (254 x 254)	284CZ	15	10 (254)	22.00 (559) if ANSI Class 125	22.00 (559) if ANSI Class 125	15.03 (382)	25.56 (649)	27.94 (710)	10.11 (257)	12.33 (313)	0.25 (6)	14.63 (372)
		286CZ	20					25.56 (649)	29.14 (740)				14.63 (372)
		324CZ	25					27.31 (694)	31.07 (789)				16.50 (419)
		326CZ	30		27.31 (694)	32.57 (827)		16.50 (419)					
		364CZ	40		28.22 (717)	34.40 (877)		18.25 (464)					
				22.69 (576) if ANSI Class 250	22.69 (576) if ANSI Class 250								

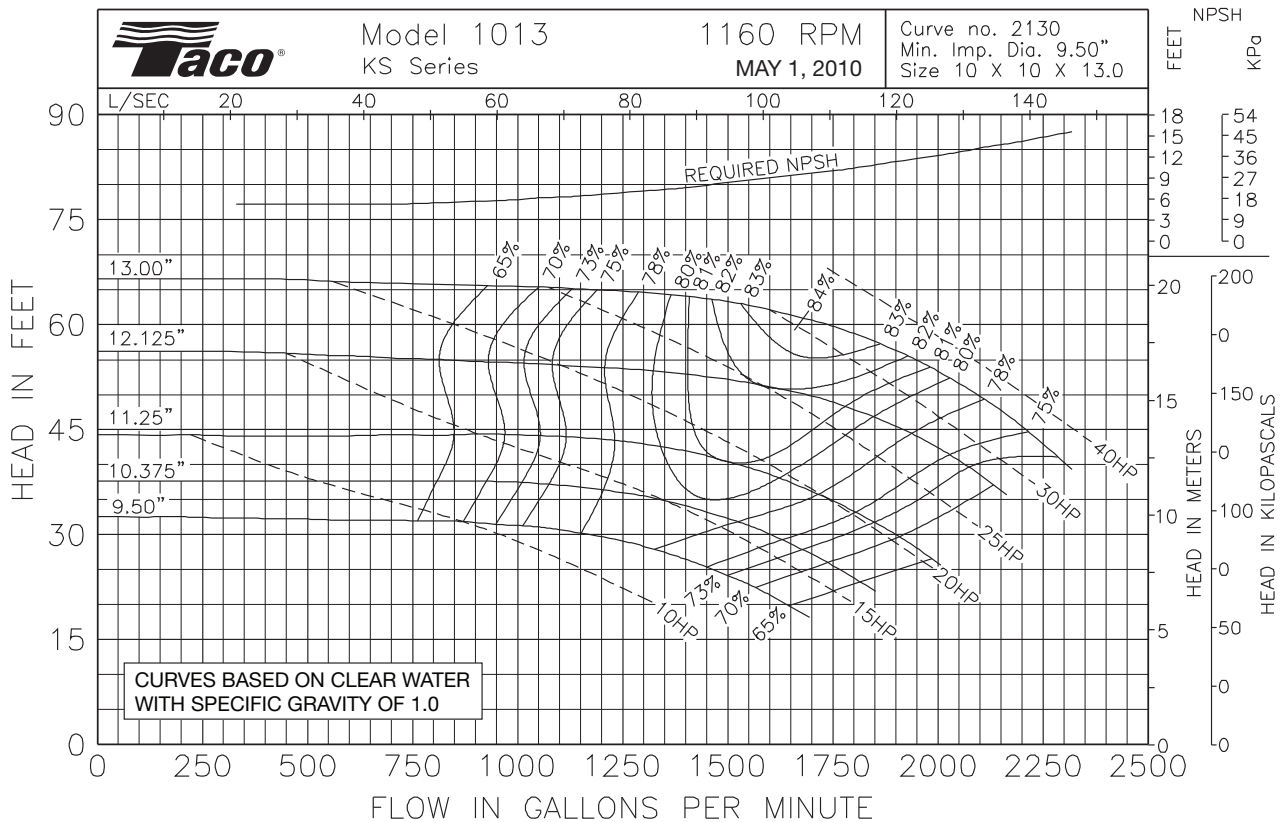
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).  
Do not use for construction purposes unless certified.

### MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	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

301-1184

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

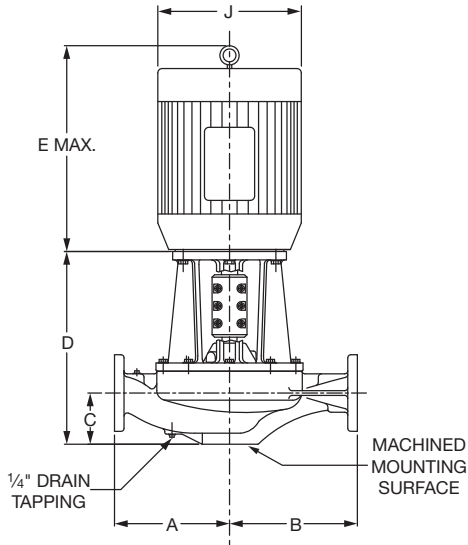
1760 RPM MODEL 1013

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

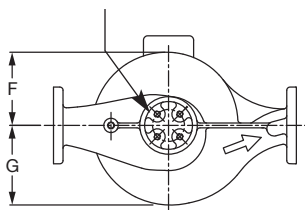
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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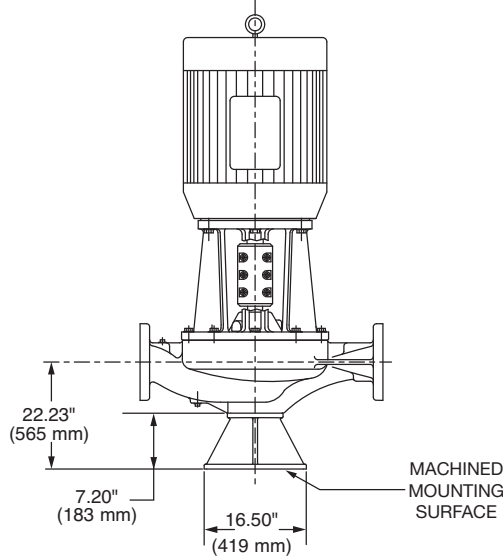
WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



FOUR 5/8\" -11 UNC  
THREADED MOUNTING  
HOLES ON A  
8.75\" (222 mm)  
BOLT CIRCLE

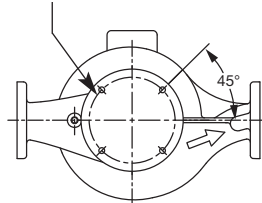


### PUMP WITH OPTIONAL SUPPORT STAND



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

FOUR 0.75\" (19 mm)  
MOUNTING HOLES  
ON A 14.50\" (368 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)
324CZ - 326CZ	1455 (660)	1555 (705)
364CZ - 365CZ	1643 (745)	1743 (791)
404CZ - 405CZ	2603 (1181)	2703 (1226)

### 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
1013	10 x 10 (254 x 254)	324CZ	40	10 (254)	22.00 (559) if ANSI Class 125	22.00 (559) if ANSI Class 125	15.03 (382)	27.31 (694)	31.07 (789)	10.11 (257)	12.33 (313)	0.25 (6)	16.50 (419)
		326CZ	50					27.31 (694)	32.57 (827)				16.50 (419)
		364CZ	60					28.22 (717)	34.40 (877)				18.25 (464)
		365CZ	75					28.22 (717)	36.50 (927)				18.25 (464)
		404CZ	100					28.22 (717)	40.90 (1039)				20.13 (511)
		405CZ	125					28.22 (717)	40.90 (1039)				20.13 (511)

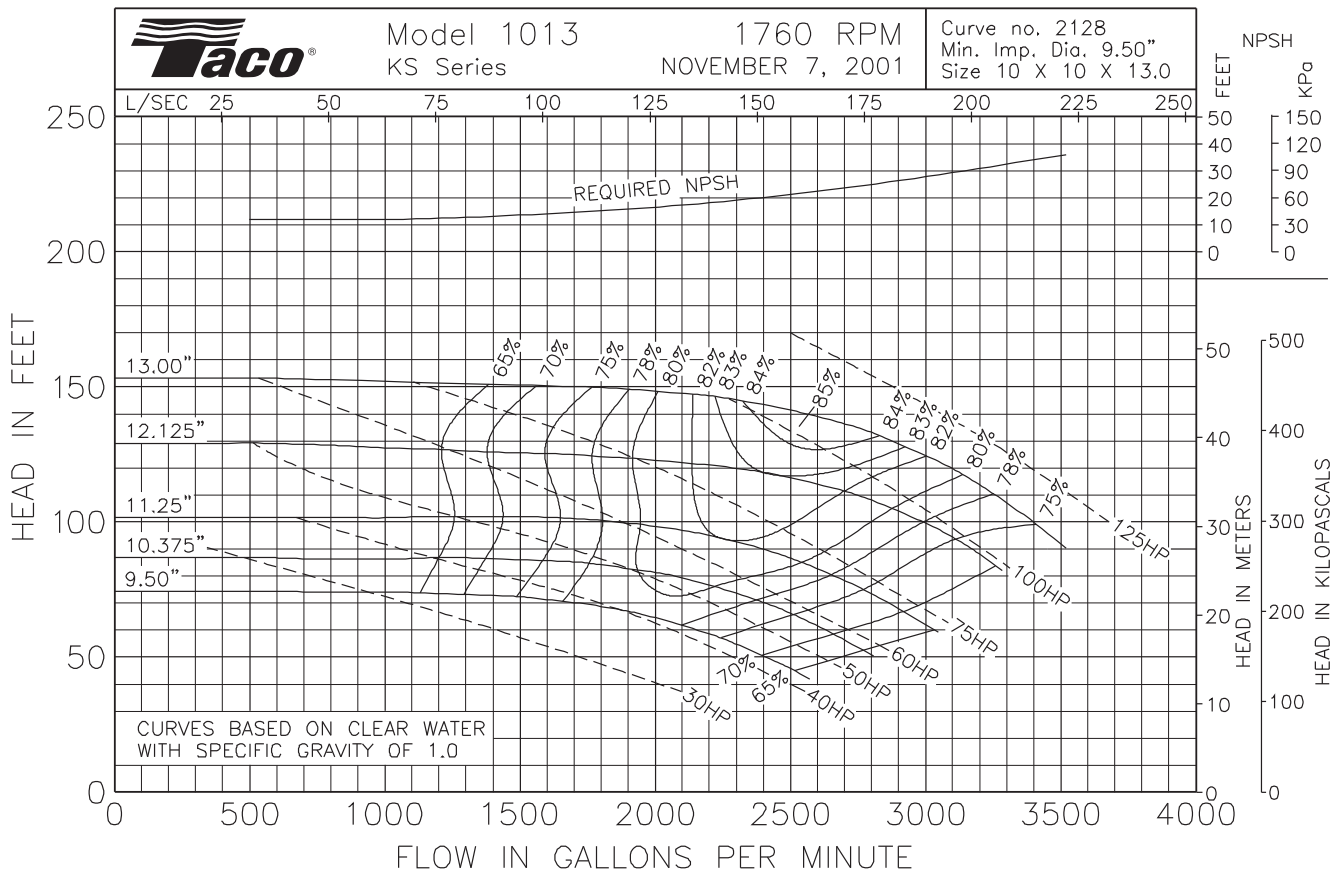
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ( ).  
Do not use for construction purposes unless certified.

### 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: \_\_\_\_\_



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# Submittal Data Information

## KS Series Vertical Split Coupled Pumps (50 Hz)

301-1614 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

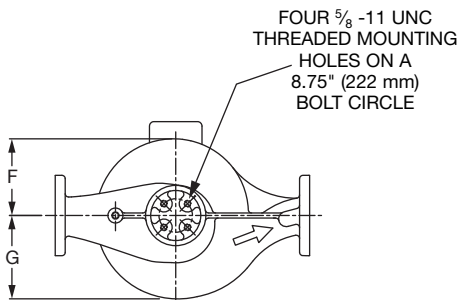
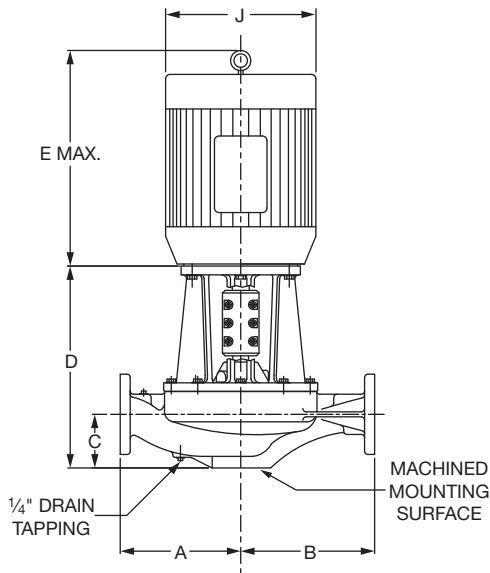
1450 RPM MODEL 1013

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

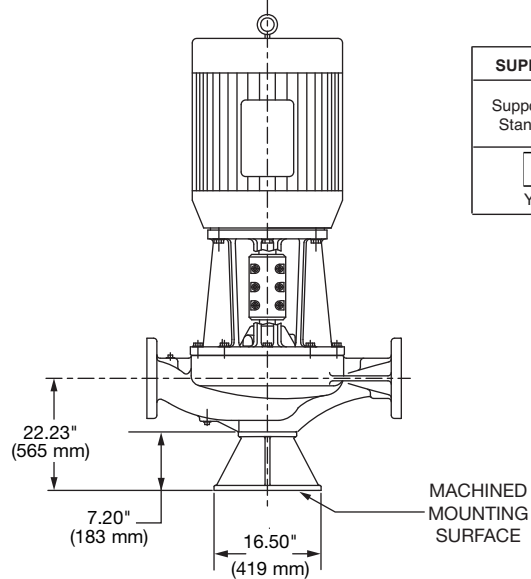
CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

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

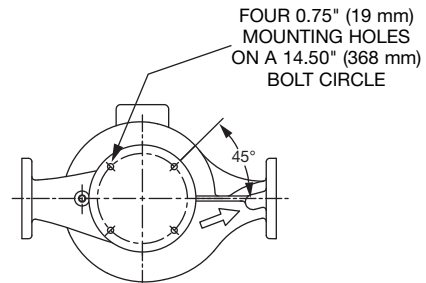
WEIGHT \_\_\_\_\_ PUMP/MOTOR \_\_\_\_\_



### 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
1013	10 x 10 (254 x 254)	284CZ	25	10 (254)	22.00 (559) if ANSI Class 125	22.00 (559) if ANSI Class 125	10.59 (269)	25.56 (649)	27.94 (710)	10.11 (257)	12.33 (313)	0.25 (6)	14.63 (372)
		286CZ	30					25.56 (649)	29.14 (740)				14.63 (372)
		324CZ	40					27.31 (694)	31.07 (789)				16.50 (419)
		326CZ	50					27.31 (694)	32.57 (827)				16.50 (419)
		364CZ	60		28.22 (717)	34.40 (877)		18.25 (464)					
					22.69 (576) if ANSI Class 250	22.69 (576) 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		
	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

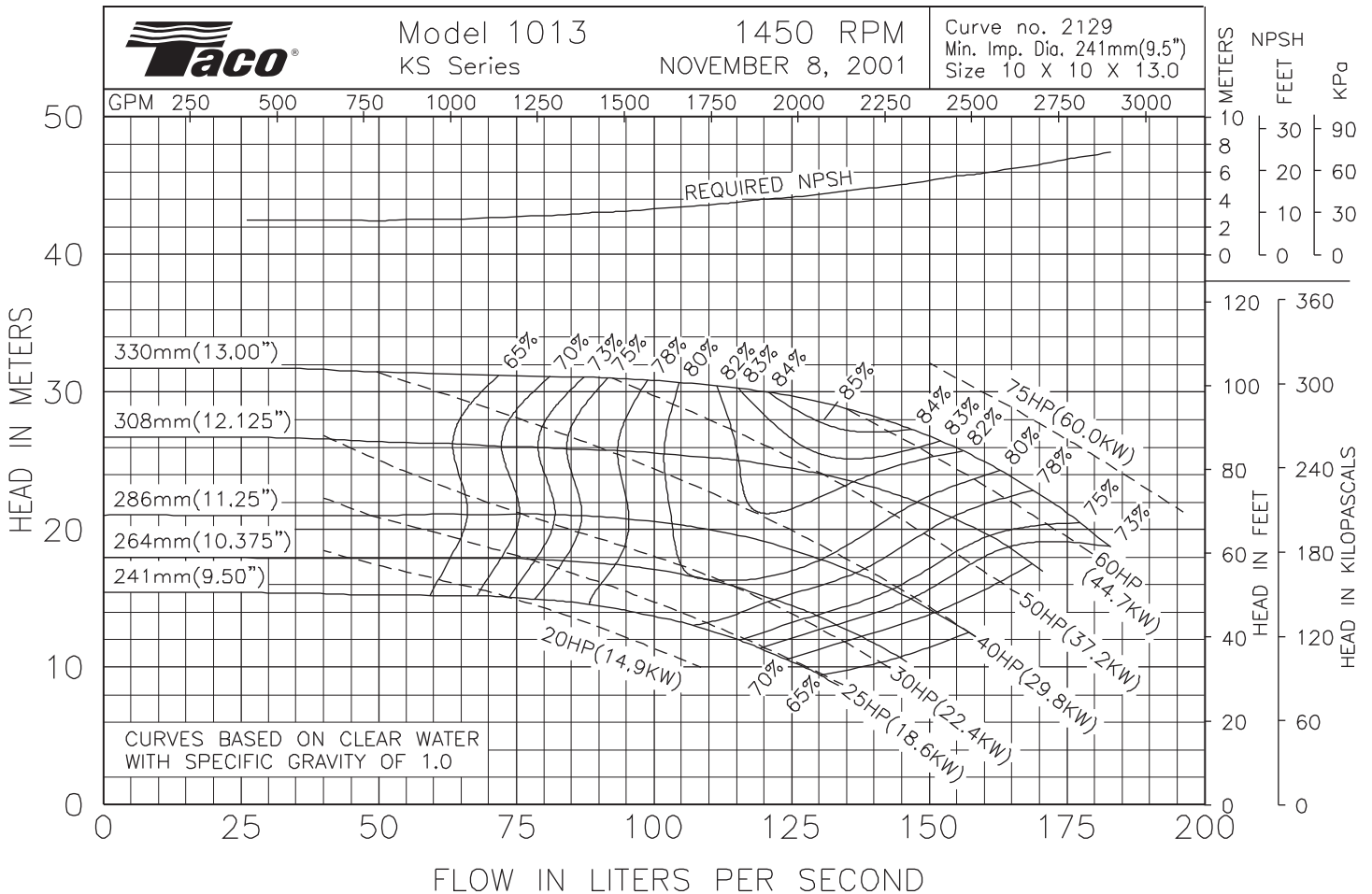
**OPERATING SPECIFICATIONS**

	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)
284CZ - 286CZ	1501 (681)	1601 (726)
324CZ - 326CZ	1601 (726)	1701 (772)
364CZ - 365CZ	1807 (820)	1907 (865)



Comments:



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