



Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1148

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

1160 RPM MODEL 3011

JOB _____ ENGINEER _____

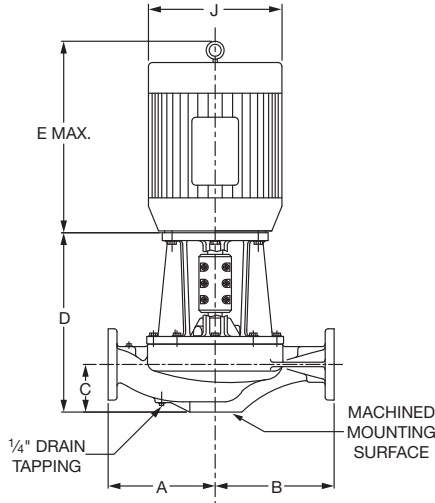
CONTRACTOR _____ REP. _____

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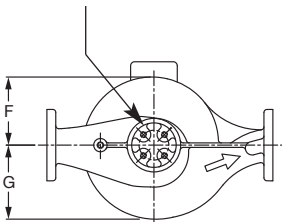
NSF 61 Certified

Yes No

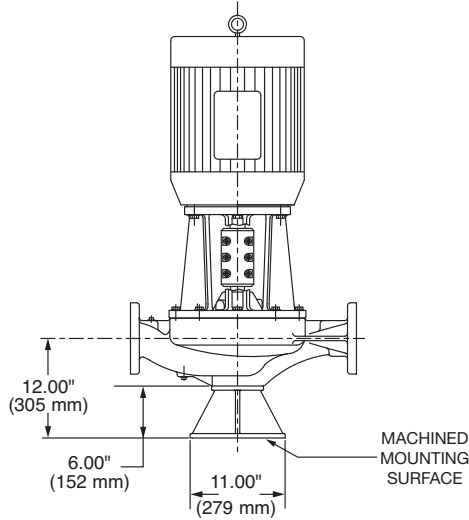
WEIGHT _____ PUMP/MOTOR _____



FOUR 1/2 -13 UNC
THREADED MOUNTING
HOLES ON A
3.75" (95 mm)
BOLT CIRCLE

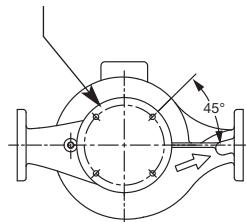


PUMP WITH OPTIONAL SUPPORT STAND



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

FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 9.25" (235 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)
182CZ - 184CZ	335 (152)	361 (164)
213CZ - 215CZ	379 (172)	405 (184)

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
3011	3 x 3 (76 x 76)	182CZ	1.5	3 (76)	11.50 (292) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.00 (152)	16.84 (428)	15.64 (397)	7.10 (180)	7.89 (200)	0.25 (6)	8.49 (216)
		184CZ	2					16.84 (428)	16.68 (424)				8.49 (216)
		213CZ	3					16.84 (428)	19.13 (486)				10.18 (259)
		215CZ	5					16.84 (428)	20.63 (524)				10.18 (259)
					11.88 (302) if ANSI Class 250	13.38 (340) if ANSI Class 250							

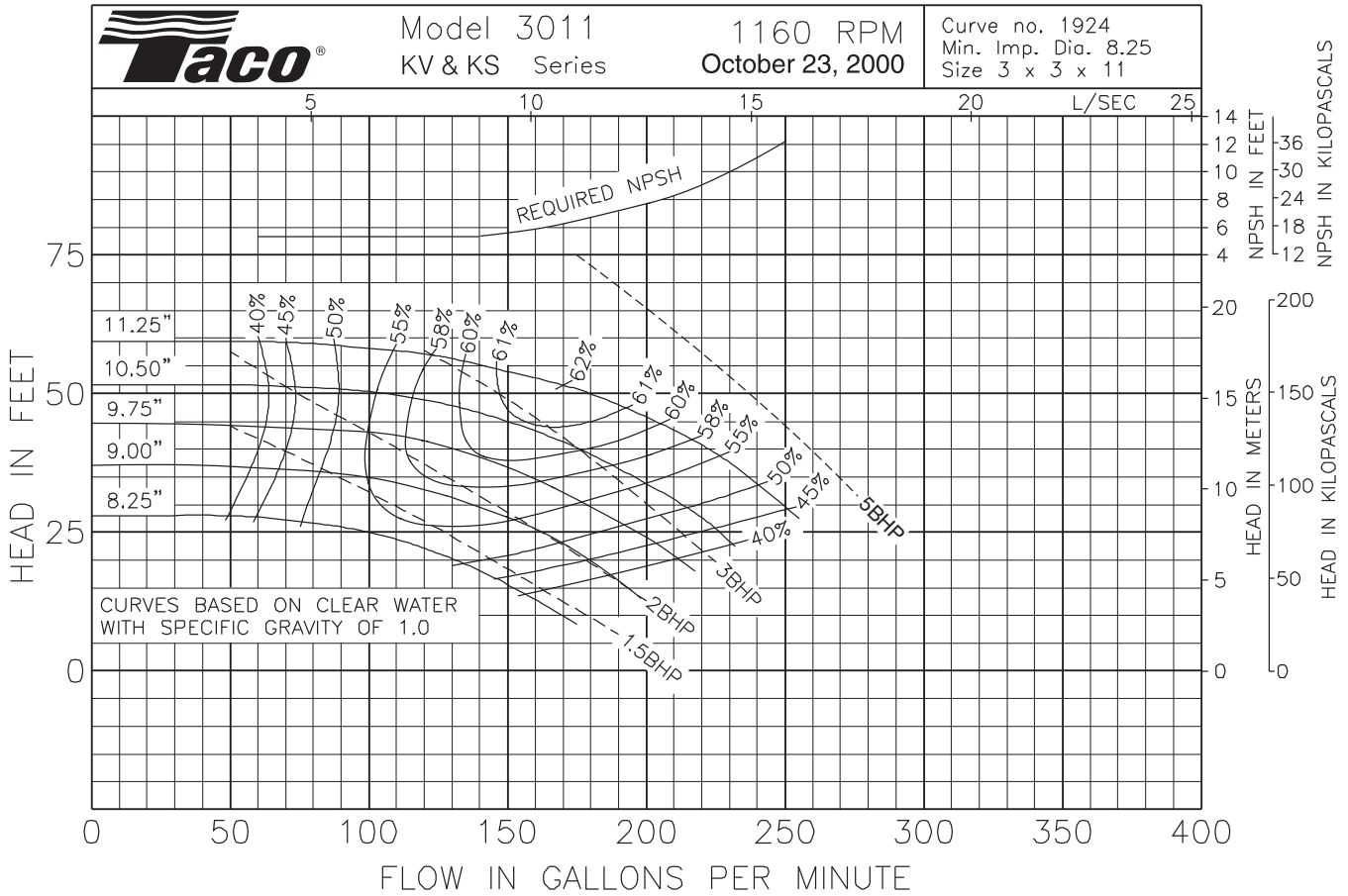
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED			NSF 61		
	STANDARD PUMP CONSTRUCTION		OPTIONAL	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# Flange	250# Flange	125# or 250#	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	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	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A	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	Aluminum Alloy 6061-T6	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	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: _____



Submittal Data Information

KS Series Vertical Split Coupled Pumps

301-1162

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JUNE 25, 2016

1760 RPM MODEL 3011

JOB _____ ENGINEER _____

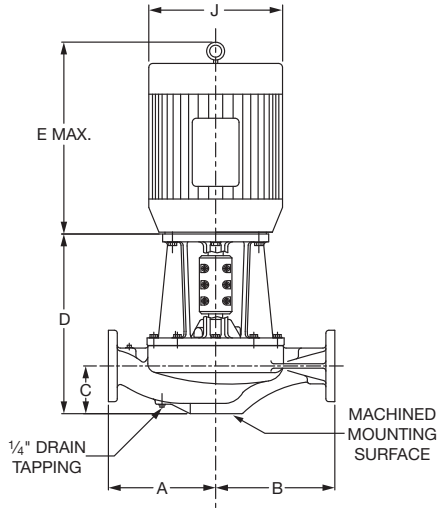
CONTRACTOR _____ REP. _____

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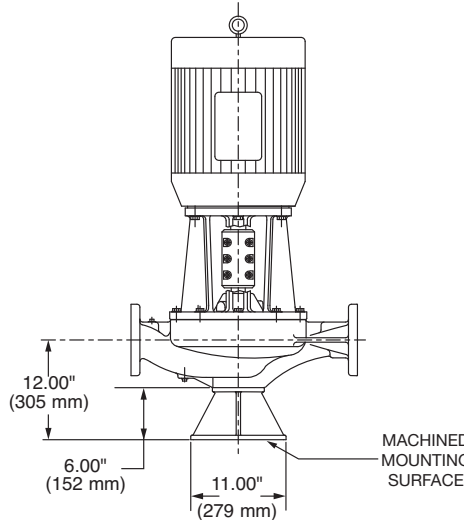
NSF 61 Certified

Yes No

WEIGHT _____ PUMP/MOTOR _____

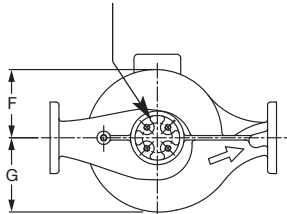


PUMP WITH OPTIONAL SUPPORT STAND

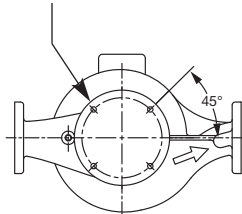


SUPPORT STAND OPTION	
Support Stand	Ductile Iron ASTM A536-84 Grade 65-45-12
<input type="checkbox"/> YES	<input type="checkbox"/> NO

FOUR 1/2 -13 UNC
THREADED MOUNTING
HOLES ON A
3.75" (95 mm)
BOLT CIRCLE



FOUR 0.63" (16 mm)
MOUNTING HOLES
ON A 9.25" (235 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)
182CZ - 184CZ	342 (155)	368 (167)
213CZ - 215CZ	390 (177)	416 (189)
254CZ - 256CZ	472 (214)	498 (226)

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
3011	3 x 3 (76 x 76)	184CZ	5	3 (76)	11.50 (292) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.00 (152)	16.84 (428)	16.68 (424)	7.10 (180)	7.89 (200)	0.25 (6)	8.49 (216)
		213CZ	7.5					16.84 (428)	19.13 (486)				10.18 (259)
		215CZ	10					16.84 (428)	20.63 (524)				10.18 (259)
		254CZ	15		19.67 (500)	24.36 (619)		12.88 (327)					

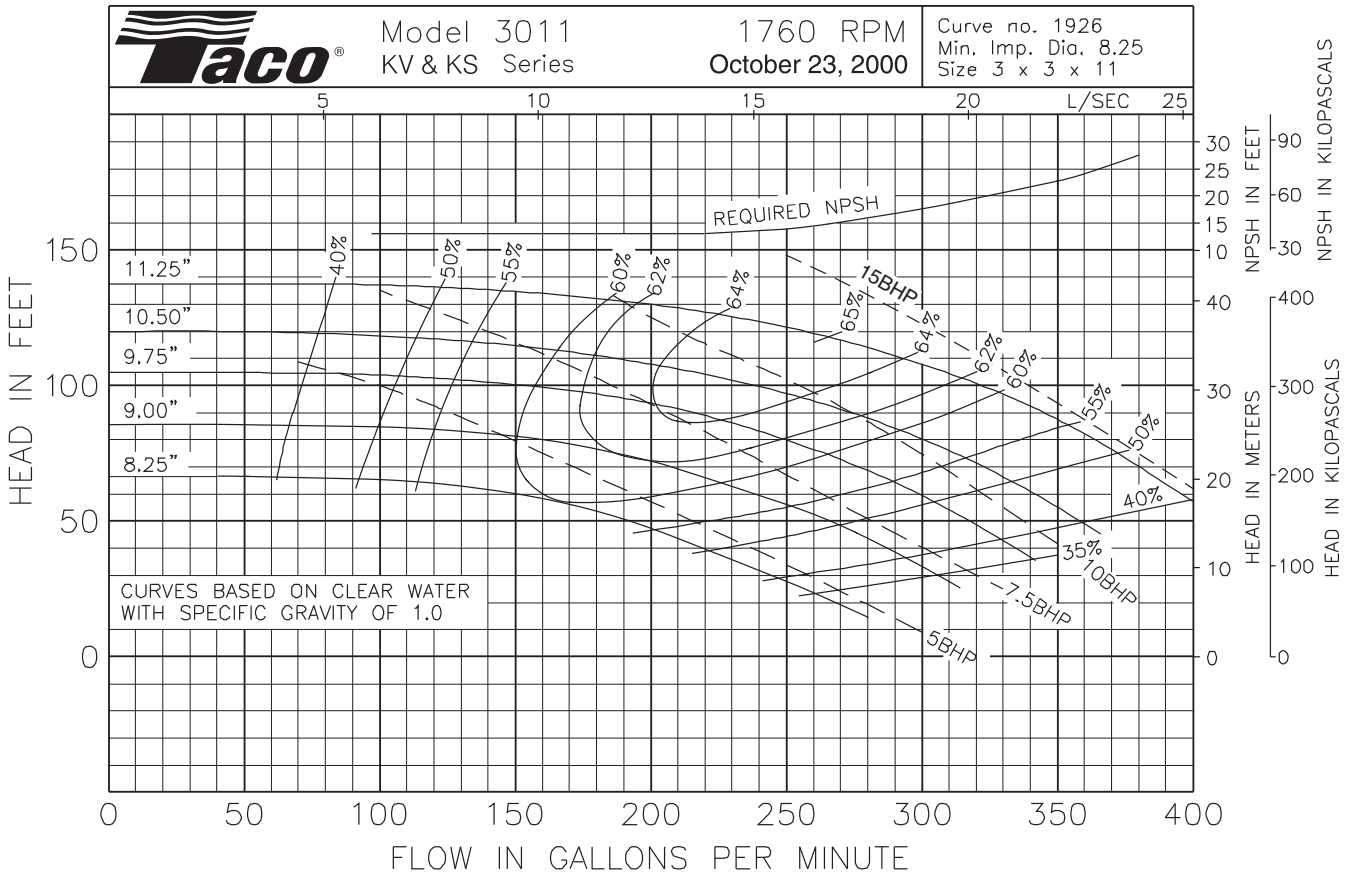
English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

MATERIALS OF CONSTRUCTION

	BRONZE FITTED			NSF 61		
	STANDARD PUMP CONSTRUCTION		OPTIONAL	STANDARD PUMP CONSTRUCTION		OPTIONAL
	125# Flange	250# Flange	125# or 250#	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	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	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A	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	Aluminum Alloy 6061-T6	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	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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Submittal Data Information

KS Series Vertical Split Coupled Pumps (50 Hz)

301-1190 I

EFFECTIVE: MAY 31, 2017

SUPERSEDES: JANUARY 8, 2010

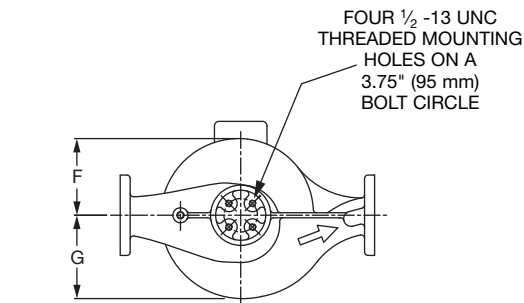
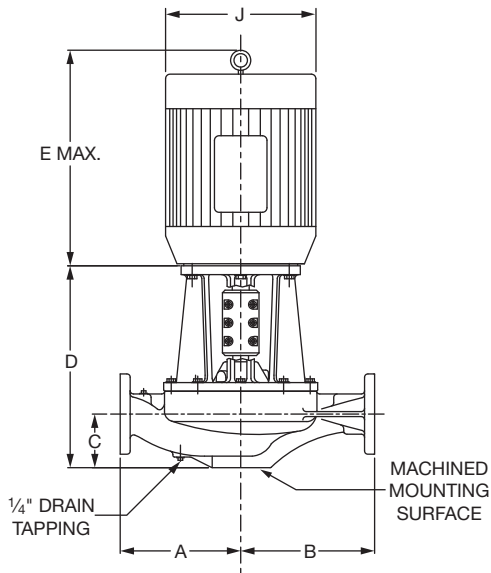
1450 RPM MODEL 3011

JOB _____ ENGINEER _____

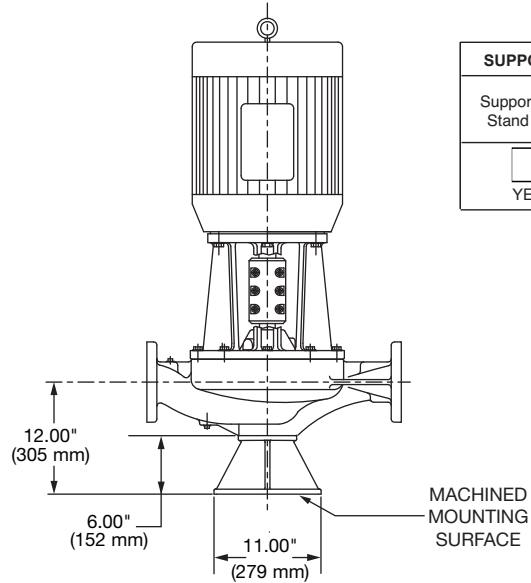
CONTRACTOR _____ REP. _____

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

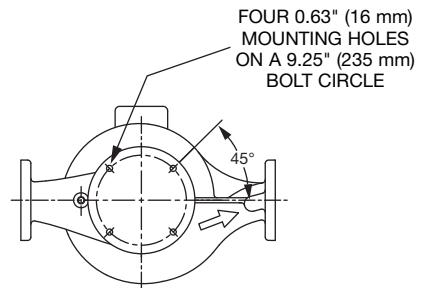
WEIGHT _____ PUMP/MOTOR _____



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
3011	3 x 3 (76 x 76)	145CZ	2	3 (76)	11.50 (292) if ANSI Class 125	13.00 (330) if ANSI Class 125	6.00 (152)	16.84 (428)	14.05 (357)	7.10 (180)	7.89 (200)	0.25 (6)	7.05 (179)
		182CZ	3					16.84 (428)	15.64 (397)				8.49 (216)
		184CZ	5					16.84 (428)	16.68 (424)				8.49 (216)
		213CZ	7.5					16.84 (428)	19.13 (486)				10.18 (259)
		215CZ	10					16.84 (428)	20.63 (524)				10.18 (259)
					11.88 (302) if ANSI Class 250	13.38 (340) 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

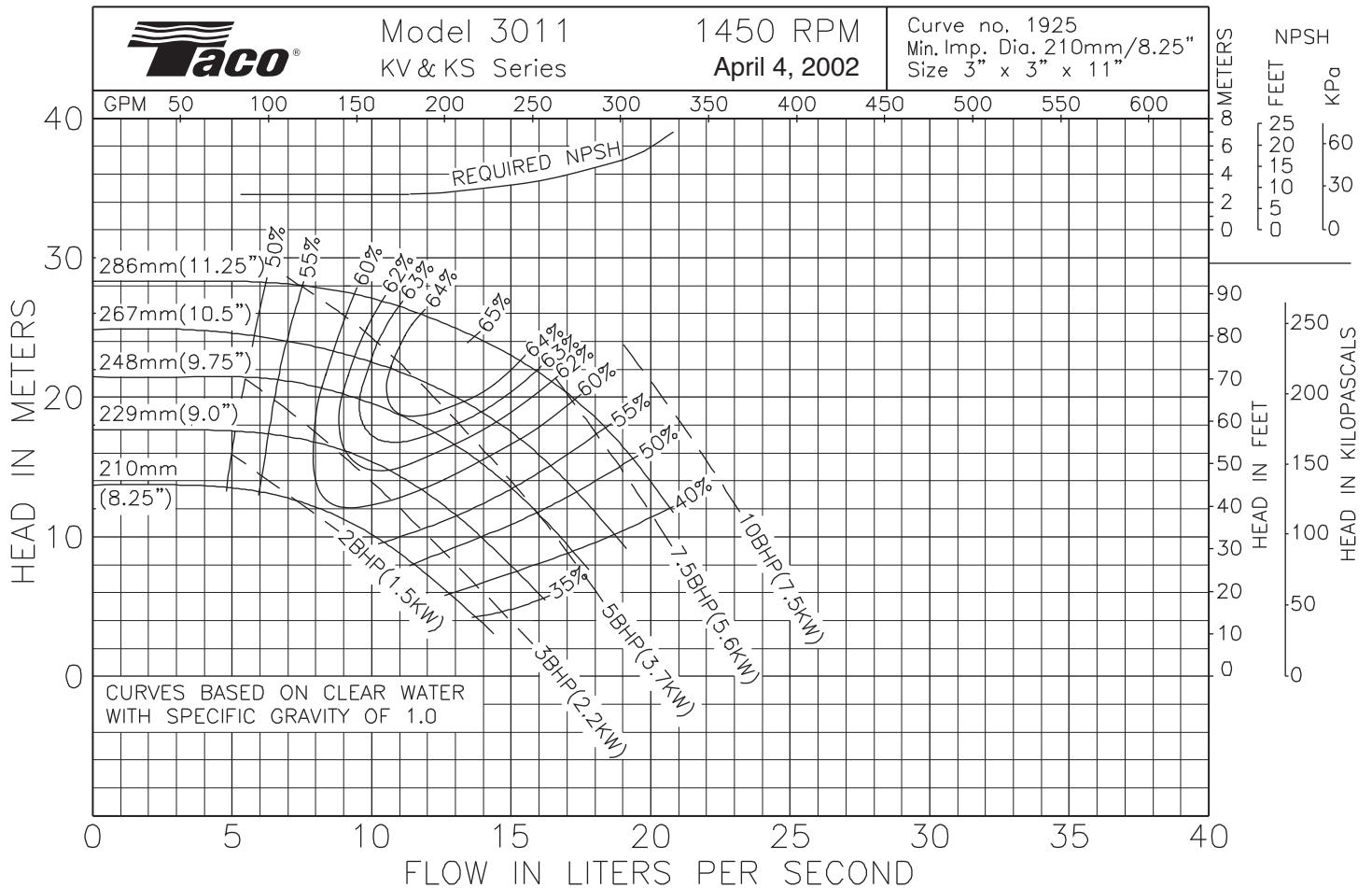
OPERATING SPECIFICATIONS

	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)
143CZ - 145CZ	337 (153)	363 (165)
182CZ - 184CZ	376 (171)	402 (182)
213CZ - 215CZ	429 (195)	455 (206)



Comments: