

PRODUCT INFORMATION PACKET



Model No: UCT1102
Catalog No: UCT1102
Pool Pump Motor, 1 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 56J Frame, ODP



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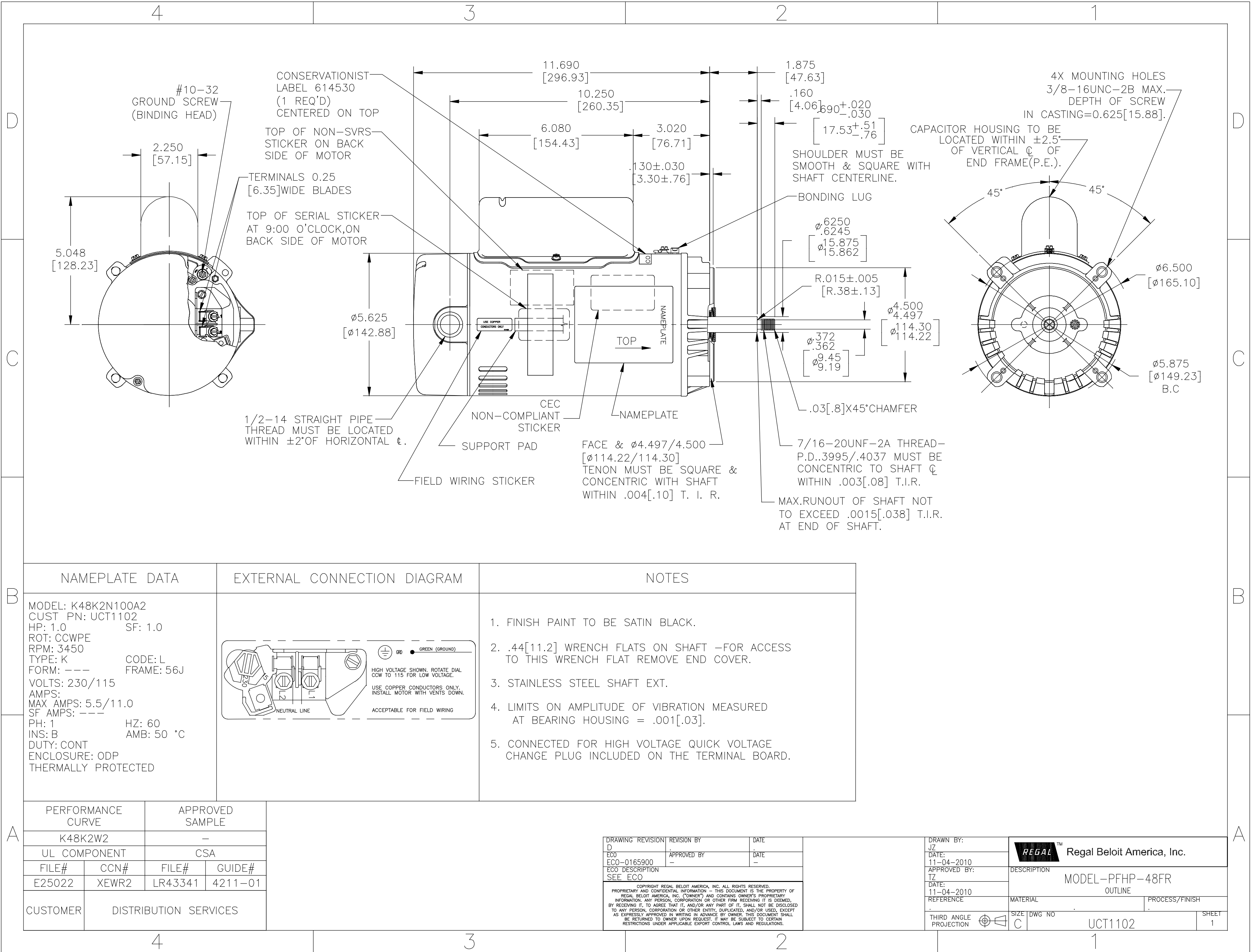
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/115 V
Current	5.5/11.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56J	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	7/16 Thread
Overall Length	14.26 in	Frame Length	8.32 in
Shaft Diameter	0.625 in	Shaft Extension	2.565 in
Outline Drawing	UCT1102-S01	Connection Drawing	627103-001

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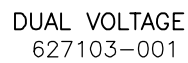
NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: K48K2N100A2 CUST PN: UCT1102 HP: 1.0 SF: 1.0 ROT: CCWPE RPM: 3450 TYPE: K CODE: L FORM: --- FRAME: 56J VOLTS: 230/115 AMPS: MAX AMPS: 5.5/11.0 SF AMPS: --- PH: 1 HZ: 60 INS: B AMB: 50 °C DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED		1. FINISH PAINT TO BE SATIN BLACK. 2. .44[11.2] WRENCH FLATS ON SHAFT -FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 3. STAINLESS STEEL SHAFT EXT. 4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001[.03]. 5. CONNECTED FOR HIGH VOLTAGE QUICK VOLTAGE CHANGE PLUG INCLUDED ON THE TERMINAL BOARD.

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PERFORMANCE CURVE		APPROVED SAMPLE	
K48K2W2		—	
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E25022	XEWR2	LR43341	4211—01
CUSTOMER	DISTRIBUTION SERVICES		

DRAWING REVISION D	REVISION BY	DATE
ECO-0165900	APPROVED BY	DATE
ECO DESCRIPTION SEE ECO		
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DRAWN BY: JZ	 Regal Beloit America, Inc.		
DATE: 11-04-2010			
APPROVED BY: TZ	DESCRIPTION MODEL-PFHP-48FR OUTLINE		
DATE: 11-04-2010			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE C	DWG NO UCT1102	SHEET 1



- GEOMETRIC CHARACTERISTICS & SYMBOLS**
- | | |
|--|-------------------------------|
| | FLATNESS |
| | STRAIGHTNESS |
| | ANGULARITY |
| | PERPENDICULARITY (SQUARENESS) |
| | PARALLELISM |
| | ROUNDNESS (CIRCULARITY) |
| | CYLINDRICITY |
| | PROFILE OF ANY SURFACE |
| | PROFILE OF ANY LINE |
| | RUNOUT |
| | TRUE POSITION |
| | CONCENTRICITY |
| | SYMMETRY |

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

	X	XX	XXX	XXXX
INCH	$\pm .1$	$\pm .02$	$\pm .005$	$\pm .0005$
mm	± 0.5	± 0.13	± 0.13	

ANG. $\pm .50$ DEG

REMOVE BURRS & BREAK SHARP EDGES:

INCH	.003-.015	mm	0.1-.04
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CORNER FILLETS TO:

INCH	.020	mm	0.5
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MACHINE SURFACES:

INCH	125	mm	3.2
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METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	SH	11-08-2011
APPD:	RH	11-08-2011
THIRD ANGLE PROJECTION		EDS DATE 01-21-2007 FORMAT REV F
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**ELECTRICAL PRODUCTS
COMPANY**
A DIVISION OF A. O. SMITH CORPORATION

CONNE

CONNECTION DIAGRAM

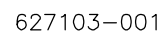
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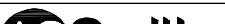
DWG NO

627103-001

SCALE	NONE
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SHEET	1
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CARACTERÍSTICAS DE GEOMETRIA Y SIMBOLOS □ PLANICIDAD ∠ RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ∅ CILINDRICIDAD △ PERFIL DE CUALQUIER SUPERFICIE ∩ PERFIL DE CUALQUIER LINEA ↗ VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD = SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES: X XX XXX XXXX PULG ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG 125 mm 32 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: SH	11-08-2011	ACSmith Innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
		APROBADO POR: RH	11-08-2011		DESCRIPCION: CONNECTION DIAGRAM
		TERCER ANGULO DE PROYECCION 	FECHA EDS: 01-21-2007 REV. FORMATO: F		
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		TAMAÑO: C	NUMERO DE DIBUJO: 627103-001		ESCALA: NONE

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