

PRODUCT INFORMATION PACKET



Model No: CT1072

Catalog No: CT1072

Pool Pump Motor, 3/4 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 56J Frame, ODP



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/115 V
Current	5.5/11.0 A	Speed	3450 rpm
Service Factor	1.5	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	14.70 in	Frame Length	8.31 in
Shaft Diameter	0.625 in	Shaft Extension	2.57 in
Connection Drawing	627103-001	Outline Drawing	CT1072-S01

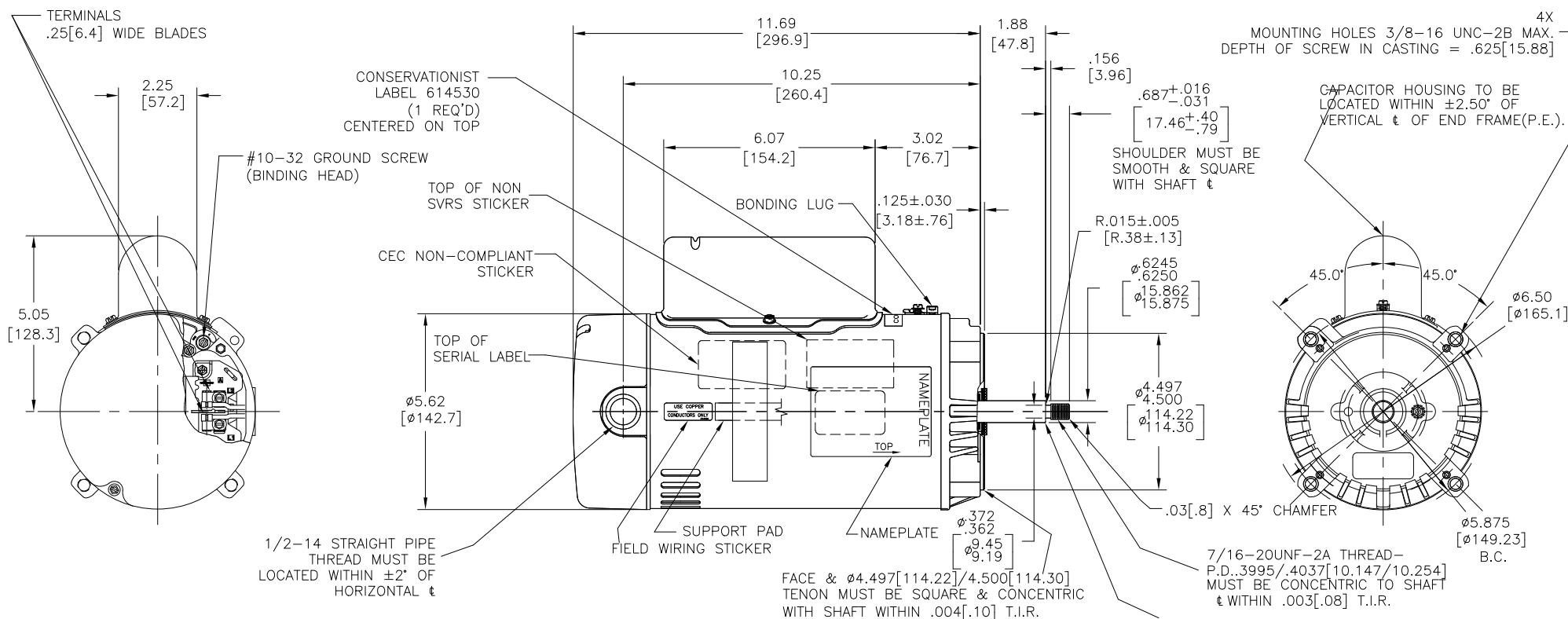
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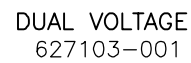
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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: K48K2N100A1 CUST PN: CT1072 HP: 3/4 SF: 1.5 ROT: CCWPE RPM: 3450 TYPE: K CODE: L FORM: FRAME: 56J VOLTS: 230/115 AMPS: MAX AMPS: 5.5/11.0 SF AMPS: - PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT. ENCLOSURE: ODP THERMALLY PROTECTED	HIGH VOLT CONNECTION AS SHOWN. TO CHANGE TO LOW VOLT, MOVE THE BLACK PLUG TO ALIGN THE ARROWS AT THE 115V. LOCATION. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING	NOTES: (1) FINISH PAINT TO BE SATIN-BLACK. (2) 7/16" 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. (5) CONNECTED FOR HIGH VOLTAGE, QUICK VOLTAGE CHANGE PLUG INCLUDED ON THE TERMINAL BOARD.

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

DRAWING REVISION E ECO ECR-0212864 ECO DESCRIPTION UPDATED DRAWING	REVISION BY SRIKANTH APPROVED BY DAYANAND	DATE 1/24/2022 1/24/2022	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE X $\pm$ 0.1 [±2.5] $\pm$ 0.5° XX $\pm$ 0.02 [±0.51] XXX $\pm$ 0.005 [±0.127] XXXX $\pm$ 0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [51] MACHINED SURFACES .125 INCH/mm 32/ mm SHOWN IN [BRACKETS]	DRAWN BY: B BREISCH DATE: 03-04-2003 APPROVED BY: W BAILEY DATE: 03-27-2003 REFERENCE THIRD ANGLE PROJECTION	 Regal Beloit America, Inc. DESCRIPTION MODEL-PFHP-48FR OUTLINE MATERIAL PROCESS/FINISH SIZE DWG NO CT1072 SHEET 1
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1. FOR USE WITH 616231 NAME PLATE BLANK.
2. — — — — — INDICATES DIMENSIONAL LIMITS.
3. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	22828	SH	11-08-2011	RH	11-08-2011

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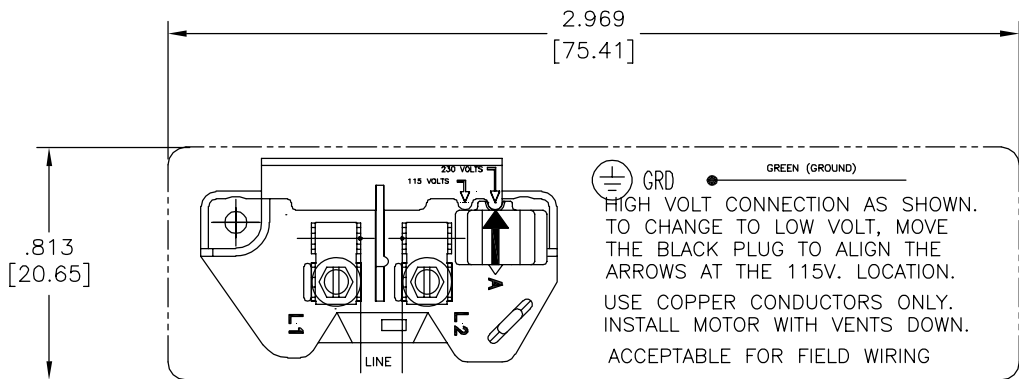
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627103-001

CARACTERISTICAS 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: 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 3.2 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: SH	11-08-2011	 ELECTRICAL PRODUCTS COMPANY Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION	DESCRIPCION: CONNECTION DIAGRAM
		APROBADO POR: RH	11-08-2011		
		TERCER ANGULO DE PROYECCION 	FECHA EDS: 01-21-2007 REV. FORMATO: F		
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE A.O.SMITH CORP. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP. -TODOS LOS DERECHOS RESERVADOS.ASME Y14.5M 1994			
		TAMAÑO: C	NUMERO DE DIBUJO: 627103-001	ESCALA: NONE	HOJA: 1

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A. O. SMITH CORPORATION
ELECTRICAL PRODUCTS COMPANY

4/23/97

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Table #1

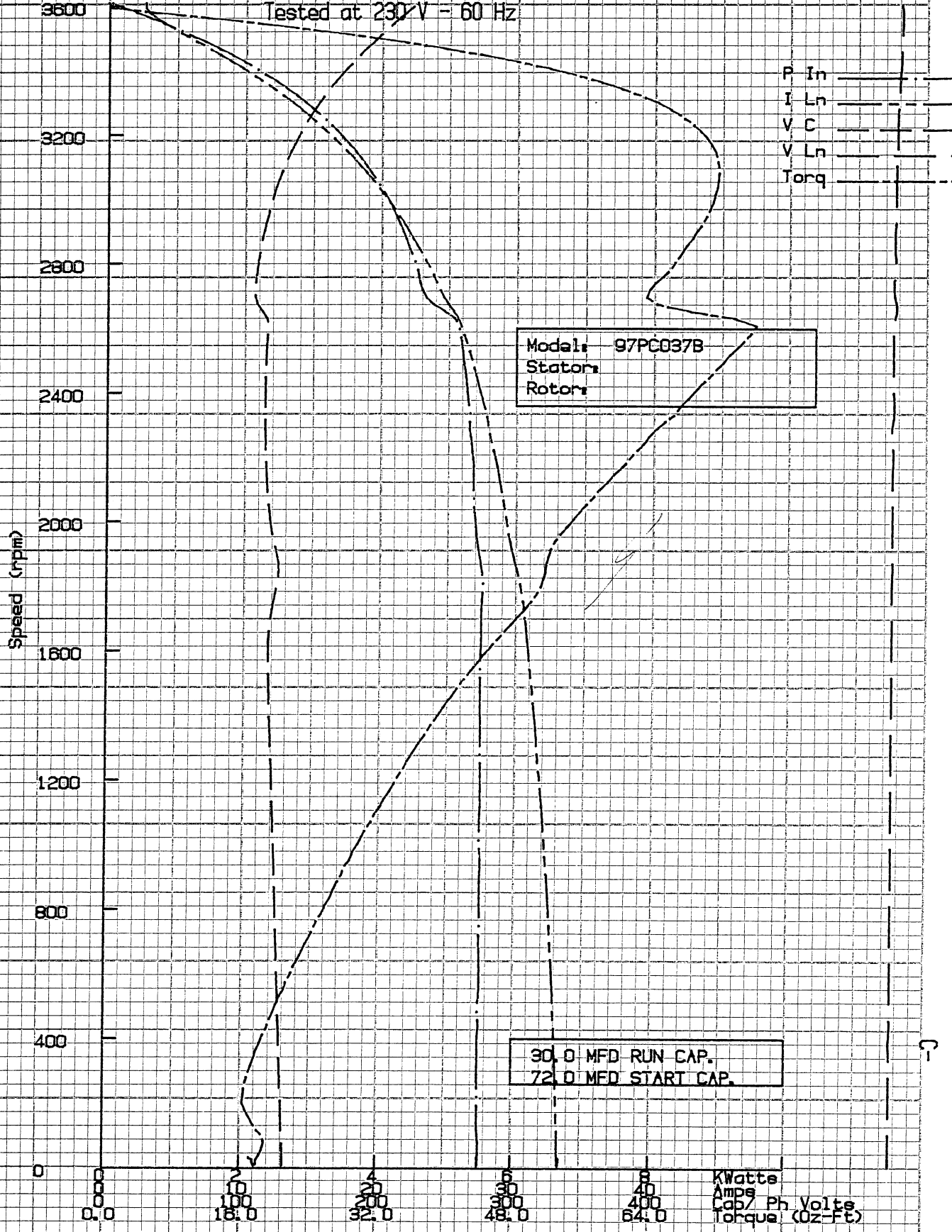
HP: 1.00 Volts: 115/230

PH: 1 Hz: 60

RPM: 3450

FR: 48

Tested at 230 V - 60 Hz



NO. XY 1001-SP3

CAD ONE, INC.

A. O. SMITH CORPORATION
ELECTRICAL PRODUCTS COMPANY

4/23/97

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Table #1

Model: 97PC037B HP: 1.00 Volts: 115/230
RPM: 3450 Hz: 60 Ph: 1 SF: 1.25
Type: K Fr: 48 Duty: con't.

