

PRODUCT INFORMATION PACKET



Model No: B2748

Catalog No: B2748

Pool Pump Motor, 2.0 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, Y56Y Frame, DP



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**Nameplate Specifications**

Phase	1	Output HP	2.0 Hp
Output KW	1.5 kW	Voltage	230 V
Speed	3450 rpm	Service Factor	1.3
Frame	Y56Y	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	SF 11.5 A
Duty	Continuous	Insulation Class	F
UL	Recognized	CSA	Y

Technical Specifications

Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	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	Threaded	Overall Length	13.40 in
Frame Length	9.00 in	Shaft Diameter	0.625 in
Shaft Extension	0.91 in		
Connection Drawing	17536730.PCX	Outline Drawing	B2748-S01

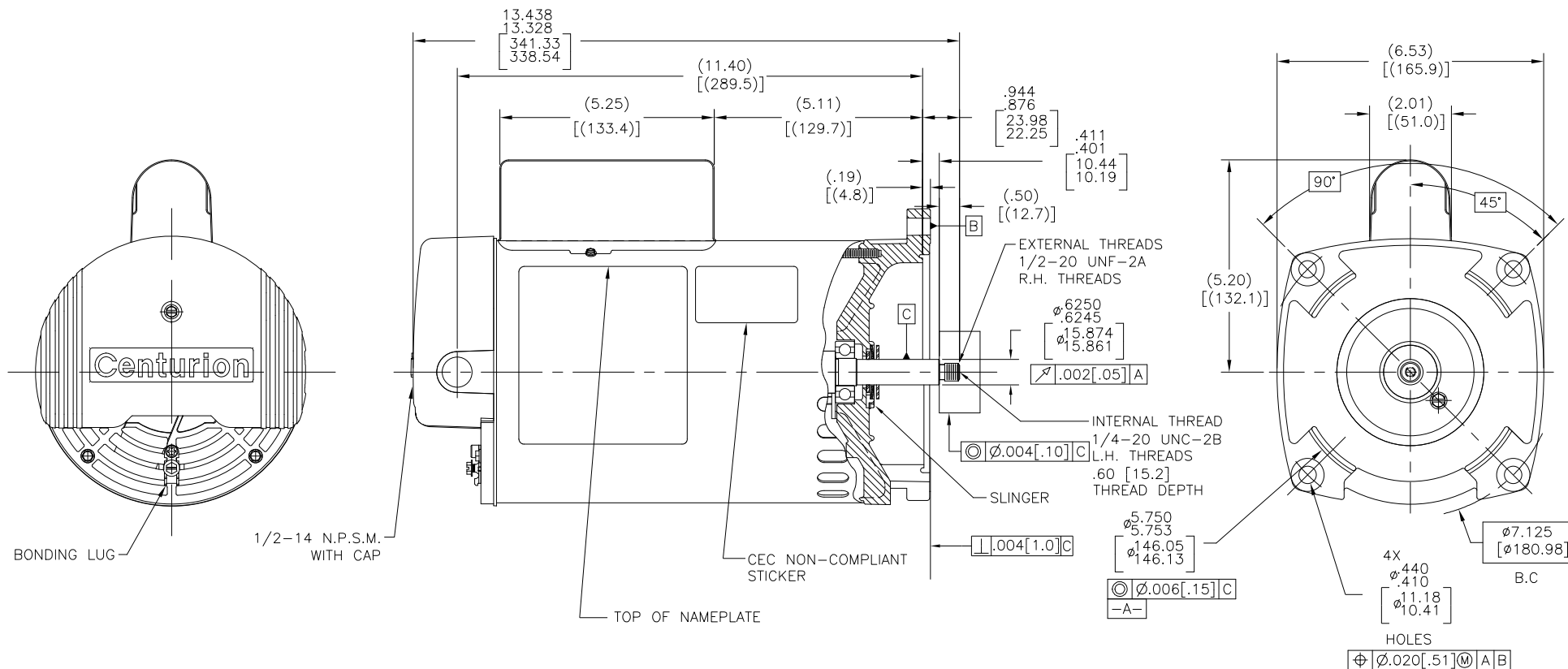
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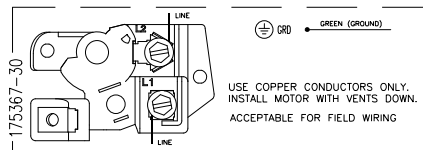


NAMEPLATE DATA

EXTERNAL CONNECTION DIAGRAM

NOTES

MODEL: 196263
CUST PN: B2748
HP: 2.0 SF: 1.3
ROT: CCWPE
RPM: 3450
TYPE: CX CODE: G
FORM: KJM FRAME: Y 56 Y
VOLTS: 230
AMPS: -
MAX AMPS: -
SF AMPS: 11.5
PH: 1 HZ: 60
INS: F AMB: 50 °C
DUTY: CONT
ENCLOSURE: DP
THERMALLY PROTECTED



1. FOR THREADED SHAFT EXTENSION ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004[.10] TOTAL GAGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.
2. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST.
3. FINISH PAINT TO BE BLACK.
4. REFERENCE MODEL: B748
5. CTQ REQUIREMENT SEE EP000105-008
6. RoHS & REACH ETC REQUIREMENT SEE EP000014

PERFORMANCE
CURVEAPPROVED
SAMPLE

15593311

0601158

UL COMPONENT

CSA

FILE#

CCN#

FILE#

GUIDE#

PENDING

PENDING

PENDING

PENDING

CUSTOMER

DSITRIBUTION

CRITICAL TO QUALITY
CHARACTERISTICS (CTQs)

PROCESS

ENGINEERING

APPLICATION

REGULATORY

LIFE

DRAWING REVISION

REVISION BY

DATE

J
ECR-0216842MINJING JIANG
TRISTIA ZHAO04-11-2022
04-11-2022

ECO DESCRIPTION

CONSOLIDATED NAMEPLATE

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TOLERANCES UNLESS
OTHERWISE SPECIFIED

DEC. INCH mm ANGLE

X ±0.1 [±2.5] ±0.5°

XX ±0.02 [±0.51]

XXX ±0.005 [±0.127]

XXXX ±0.0005 [±0.0127]

REMOVE BURRS & BREAK SHARP
EDGES .003[.015] [Ø.076[.381]]
CORNER FILLETS .02 [51]
MACHINED SURFACES 125 INCH mm 32
mm SHOWN IN [BRACKETS]

DRAWN BY:

BL

DATE:

09-01-2009

APPROVED BY:

SH

DATE:

09-01-2009

REFERENCE

THIRD ANGLE
PROJECTION

REGAL™

Regal Beloit America, Inc.

DESCRIPTION

MODEL-CFHP-56FR

OUTLINE

MATERIAL

PROCESS/FINISH

SIZE

DWG NO

C

B2748

SHEET

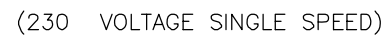
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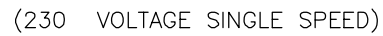
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- 1) DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13[54.1] X .75[19.0]). SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
- 2) CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT
- 3) DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.
- 4) FUTURE DETAILS ARE TO BE PLACED ON D0000112

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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ▮ PLANICIDAD — RECTITUD ⊥ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) R CILINDRICIDAD Δ PERFIL DE CUALQUIER SUPERFICIE λ 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. $\pm 1 \pm 0.2 \pm 0.005 \pm 0.0005$ mm $\pm 0.5 \pm 0.13 \pm 0.013$ ANG. ± 50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG. $0.003-0.015$ mm $0.1-0.4$ FILETEAR ESQUINA: PULG. 0.020 mm 0.5 MAQUINAR SUPERFICIES PULG. 125 mm 3.2 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: Cherry.Zhang 07-15-2011 APROBADO POR: Hong.Zhu 07-15-2011 TERCER ANGULO DE PROYECCION  FECHA EDS: 02-22-2008 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	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION DESCRIPCION: CONN DIAGRAM-NAMEPLATE TAMAÑO: C NUMERO DE DIBUJO: 17536730 ESCALA:NONE HOJA: 1
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