

# PRODUCT INFORMATION PACKET



Model No: BN37V1  
Catalog No: BN37V1  
1.0/.125 HP Pool Pump Motor, 1 phase, 3600 RPM, 115 V, 48Y Frame, ODP  
Pool Pump Motors



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





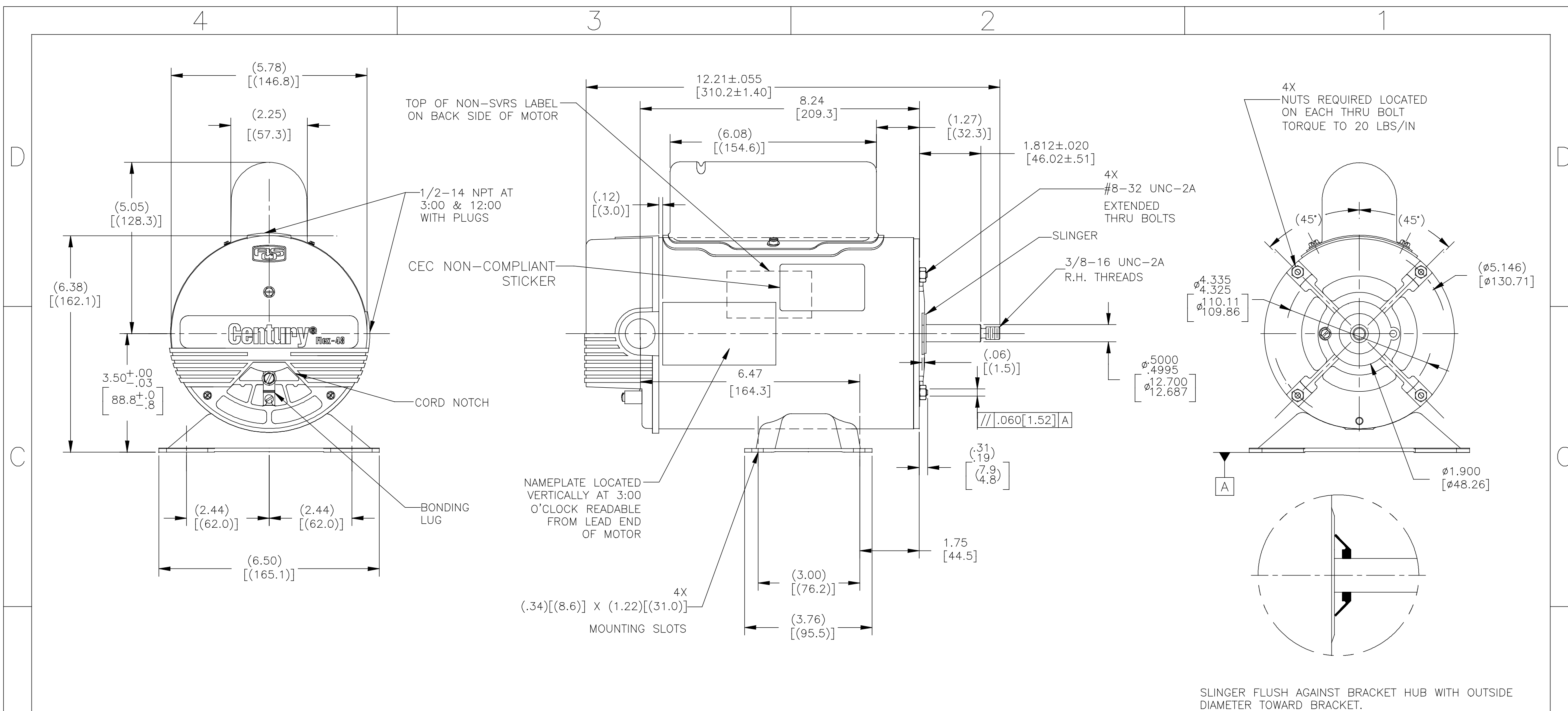
**Nameplate Specifications**

Output HP	1.0/.125 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115 V
Current	10.8/2.8 A	Speed	3450/1725 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48Y	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y

**Technical Specifications**

Electrical Type	Cap Start Low Speed, Psc High Speed	Poles	2/4
Rotation	Counterclockwise Pump End	Mounting	Thru Bolt
Motor Orientation	Horizontal	Drive End Bearing	BALL
Opp Drive End Bearing	BALL	Frame Material	Rolled Steel
Shaft Type	Threaded	Overall Length	12.71 in
Frame Length	7.50 in	Shaft Diameter	0.500 in
Shaft Extension	2.375 in		
Outline Drawing	BN37V1-S01	Connection Drawing	D0000072-002

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/07/2021



NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: F48AD32A01 CUST PN: BN37V1 HP: 1.0/.125 SF: 1 ROT: CCWPE RPM: 3450/1725 TYPE: C/F CODE: A FORM: FRAME: 48Y VOLTS: 115 AMPS: 10.8/2.8 MAX AMPS: SF AMPS: PH: 1 HZ: 60 INS: B AMB: 40 DUTY: CONT ENCLOSURE: ODP THERMALLY-PROTECTED	<p>⊕ GRD ● GREEN (GROUND)                      1 ● HIGH SPEED                      5 ● COMMON                      6 ● LOW SPEED                      USE COPPER CONDUCTORS ONLY</p>	1. LEAD END FRAME TO BE ORIENTED TO DRIVE END FRAME TO WITHIN ±2° 2. ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.

PERFORMANCE CURVE	APPROVED SAMPLE		
F48K2W4	0802263B		
UL COMPONENT	CSA		
FILE#	CCN#	FILE#	GUIDE#
PENDING	PENDING	PENDING	PENDING
CUSTOMER	DISTRUBUTION		

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	Regal Beloit America, Inc.
L	G. RODRIGUEZ	04-26-2019	DEC. INCH mm ANGLE	FX	
ECO	APPROVED BY	DATE	.X ±0.1 [±2.5] ±0.5°	DATE:	
ECO-0165900	G. RODRIGUEZ	04-26-2019	.XX ±0.02 [±0.51]	10-15-2014	
ECO DESCRIPTION			.XXX ±0.005 [±0.127]	APPROVED BY:	DESCRIPTION
SEE ECO			.XXXX ±0.0005 [±0.0127]	SH	
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381]	DATE:	MATERIAL
			CORNER FILLETS .02 [51]	10-15-2014	
			MACHINED SURFACES 125/INCH 32/mm	REFERENCE	
			mm SHOWN IN [BRACKETS]	THIRD ANGLE PROJECTION	SIZE DWG NO
					C BN37V1
					SHEET 1

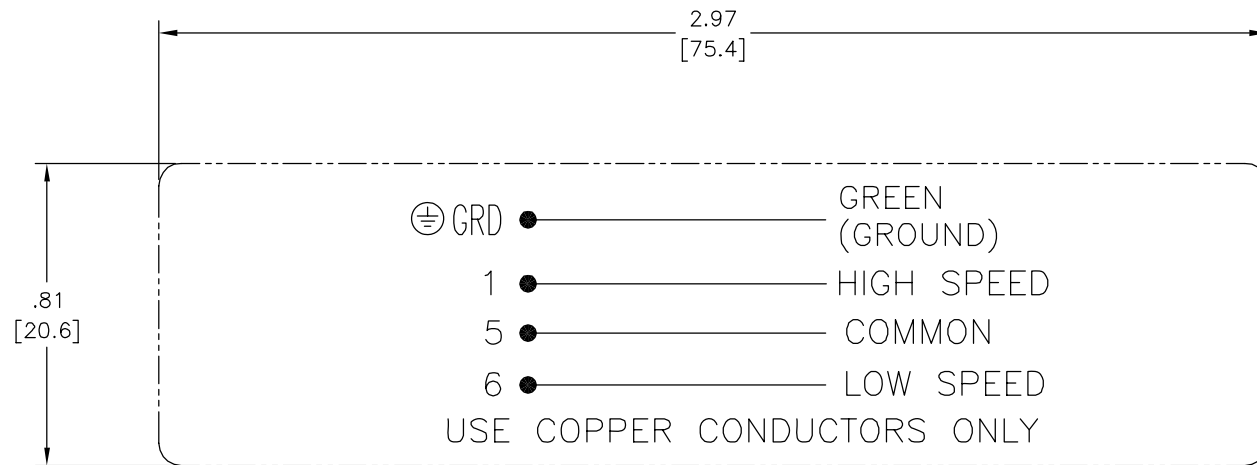
4

3

2

1

REV	ECO	REV BY	DATE	APPD	DATE
E	0029048	D.RODRIGUEZ	10-18-2012	J.HESS	10-18-2012



NOTE:

1. FOR USE WITH 616231 NAMEPLATE BLANK.
2. - - - - - INDICATES DIMENSIONAL LIMITS.
3. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

<p><b>GEOMETRIC CHARACTERISTICS &amp; SYMBOLS</b></p> <ul style="list-style-type: none"> <li>▭ FLATNESS</li> <li>- STRAIGHTNESS</li> <li>∠ ANGULARITY</li> <li>⊥ PERPENDICULARITY (SQUARENESS)</li> <li>∥ PARALLELISM</li> <li>○ ROUNDNESS (CIRCULARITY)</li> <li>⊘ CYLINDRICITY</li> <li>△ PROFILE OF ANY SURFACE</li> <li>∩ PROFILE OF ANY LINE</li> <li>⊘ RUNOUT</li> <li>⊕ TRUE POSITION</li> <li>◎ CONCENTRICITY</li> <li>= SYMMETRY</li> </ul> <p style="text-align: right; font-size: small;">ASME Y14.5M 1994</p>	<p>UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:</p> <table style="font-size: x-small; border-collapse: collapse;"> <tr> <td></td> <td>X</td> <td>XX</td> <td>XXX</td> <td>XXXX</td> </tr> <tr> <td>INCH</td> <td>±.1</td> <td>±.02</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>mm</td> <td>±0.5</td> <td>±0.13</td> <td>±0.013</td> <td></td> </tr> </table> <p>ANG. ±.50 DEG REMOVE BURRS &amp; BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2</p> <p>METRIC DIMS. SHOWN IN [BRACKETS]</p>		X	XX	XXX	XXXX	INCH	±.1	±.02	±.005	±.0005	mm	±0.5	±0.13	±0.013		DR BY: K.PALOMO	02-07-2011	<b>REGAL-BELOIT CORPORATION</b>
			X	XX	XXX	XXXX													
		INCH	±.1	±.02	±.005	±.0005													
		mm	±0.5	±0.13	±0.013														
APPD: D.MUNOZ	02-07-2011	DESCRIPTION CONNECTION DIAGRAM																	
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011	FORMAT REV H	SIZE C	DWG NO D0000072-002														
CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.				SCALE NONE	SHEET 1														

4

3

2

1

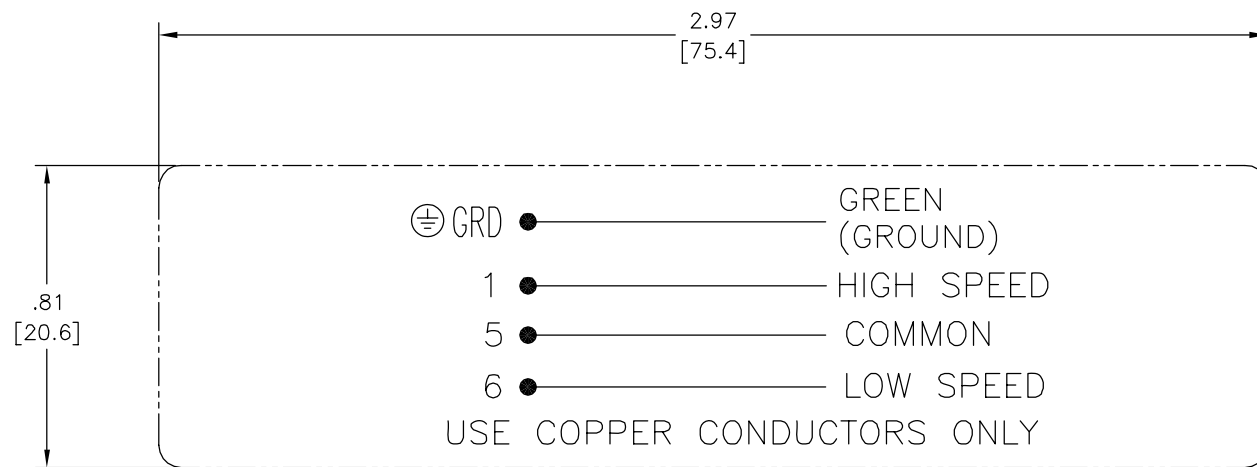
4

3

2

1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
E	0029048	D.RODRIGUEZ	10-18-2012	J.HESS	10-18-2012



DOS VELOCIDADES 115 VOLTIOS

NOTA:

1. PARA USAR CON PLACA DE DATOS EN BLANCO 616231
2. - - - - - INDICA LOS LIMITES DIMENSIONALES.
3. EL DADO DEBE PRODUCIR UNA IMPRESION DIE LEGIBLE.

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	DIBUJADO POR: K.PALOMO 02-07-2011 APROBADO POR: D.MUNOZ 02-07-2011 TERCER ANGULO DE PROYECCION CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION. -TODOS LOS DERECHOS RESERVADOS.	REGAL REGAL-BELOIT CORPORATION DESCRIPCION: CONNECTION DIAGRAM TAMAÑO: C NUMERO DE DIBUJO: D0000072-002 ESCALA: NONE HOJA: 1	
	ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]	FECHA EDS: 11-11-2011 REV. FORMATO: H	REGAL REGAL-BELOIT CORPORATION	DESCRIPCION: CONNECTION DIAGRAM
	ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]	FECHA EDS: 11-11-2011 REV. FORMATO: H	REGAL REGAL-BELOIT CORPORATION	DESCRIPCION: CONNECTION DIAGRAM
	ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]	FECHA EDS: 11-11-2011 REV. FORMATO: H	REGAL REGAL-BELOIT CORPORATION	DESCRIPCION: CONNECTION DIAGRAM

4

3

2

1