

PRODUCT INFORMATION PACKET



Model No: UH1036NB

Catalog No: UH1036NB

Unit Heater Motor, 1/3 HP, 1 Ph, 60 Hz, 115 V, 1100 RPM, 2 Speed, 48 Frame, TEAO



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	115 V
Speed	1100 rpm	Service Factor	1
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	4.3-1.8 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Ring/Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	11.11 in	Frame Length	4.50 in
Shaft Diameter	0.500 in	Shaft Extension	5.0 in
Outline Drawing	UH1036NB-S01	Connection Drawing	614131-308

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:08/22/2025

GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.025] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

ELECTRICAL DATA:

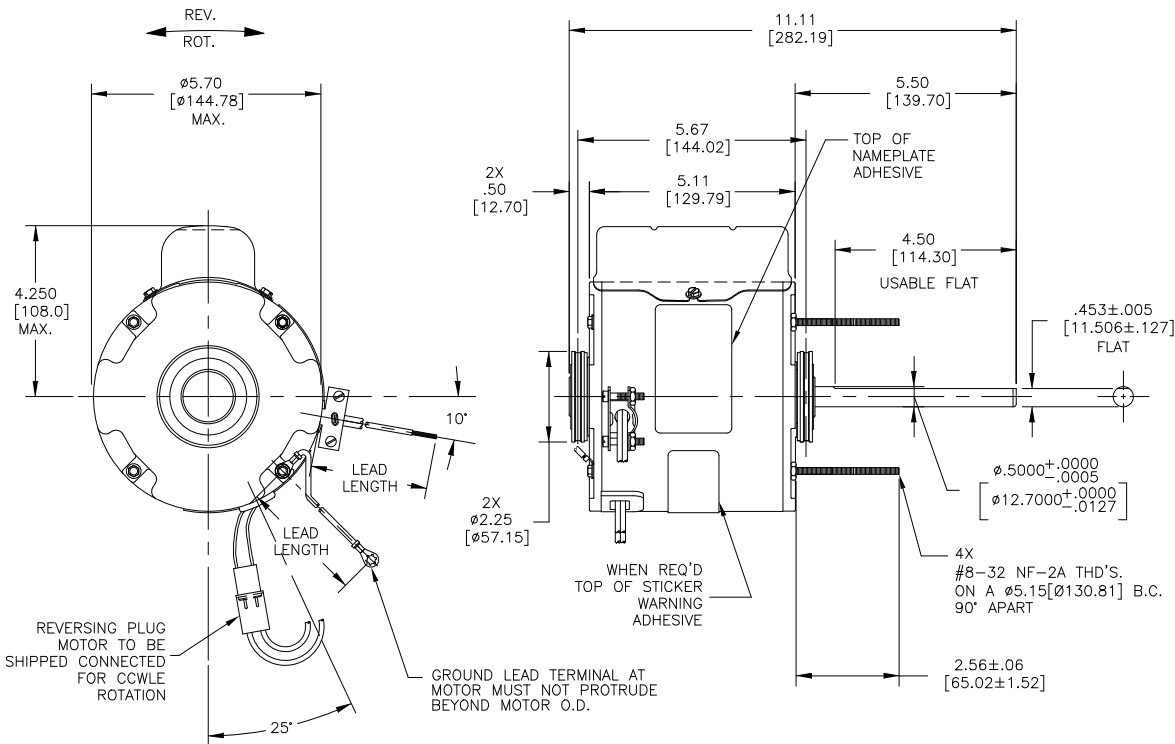
OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

LEADS: NO. 18 GA., .03 [.76] THK. CROSS-LINKED POLYETHYLENE 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.76] THK. (GREEN) INSUL.

NOTE:

1. SPLIT RINGS 615035 4x TO BE SHIPPED WITH EACH MOTOR



NAMEPLATE DATA:		EXTERNAL CONNECTION DIAGRAM	
MODEL NO.: F48U72A01			
CUST. P/N: UH1036NB			
HP: 1/3			
ROT.: REVERSIBLE			
RPM: 1100 (2 SPD)			
TYPE: UF			
FRAME: 48Y			
VOLTS: 115			
PH: 1			
AMPS: 4.3-1.8			
HZ: 60			
INS.: B			
AMB.: 40°C			
DUTY: AIR OVER			
CAP.: 6 MFD/370V			
ENCL: ENCLOSED			
UL LOGO			
CSA LOGO			
THERMALLY PROTECTED			
		614131-308	

PERFORMANCE CURVE NO.	TORQUE @ 1100 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C32229	22.5 OZ. FT.	0442349A	E46412	PRGY2	LR43341	4211-01

GREEN(GRD)	11/13 [279/330]	#10 EYELET
BLACK/WHITE	3/5 [76/127]	REVERSING PLUG
WHITE	58/62 [1473/1575]	.60[15.24] SKIN
RED	58/62 [1473/1575]	.60[15.24] SKIN
BLACK	58/62 [1473/1575]	.60[15.24] SKIN
BROWN/WHITE	CONNECTED TO CAPACITOR	.25[6.35] FLAG
BROWN	CONNECTED TO CAPACITOR	.25[6.35] FLAG
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

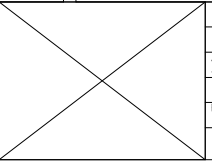
REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED

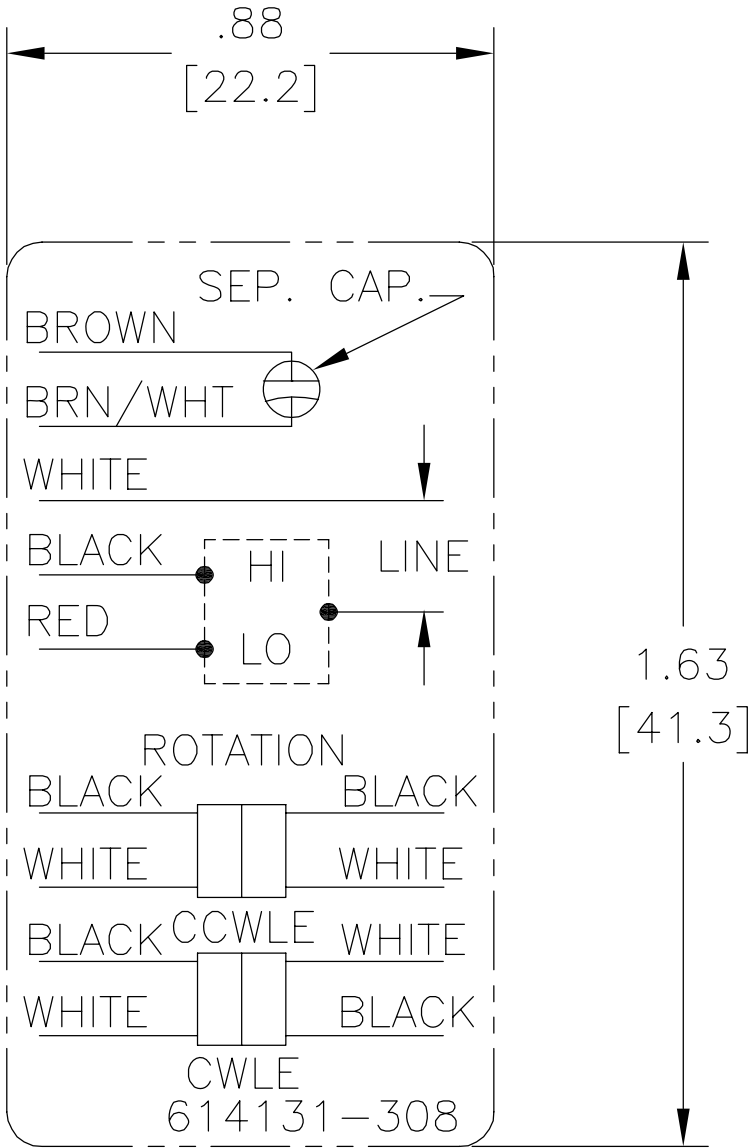
CUSTOMER	DISTRIBUTION SERVICE
----------	----------------------

DRAWING REVISION	REVISION BY	DATE
CA	ADH	08/20/2025
ECO	APPROVED BY	DATE
ECR-0245213	KEP	08/20/2025
ECO DESCRIPTION		
REVISED CAP HEIGHT DIM		
COPYRIGHT REGAL-BELOIT CORPORATION, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL-BELOIT CORPORATION, INC. (RBC) AND CONTAINS RBC'S PROPRIETARY INFORMATION. ANY REPRODUCTION OR OTHER USE OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF RBC IS STRICTLY PROHIBITED. 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.		

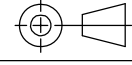


DRAWN BY: G.ZHAO		Regal Beloit America, Inc.	
DATE: 12-13-2016			
APPROVED BY: J.ZHU			
DATE: 12-13-2016			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE DWG NO		SHEET 1
	C	UH1036NB	

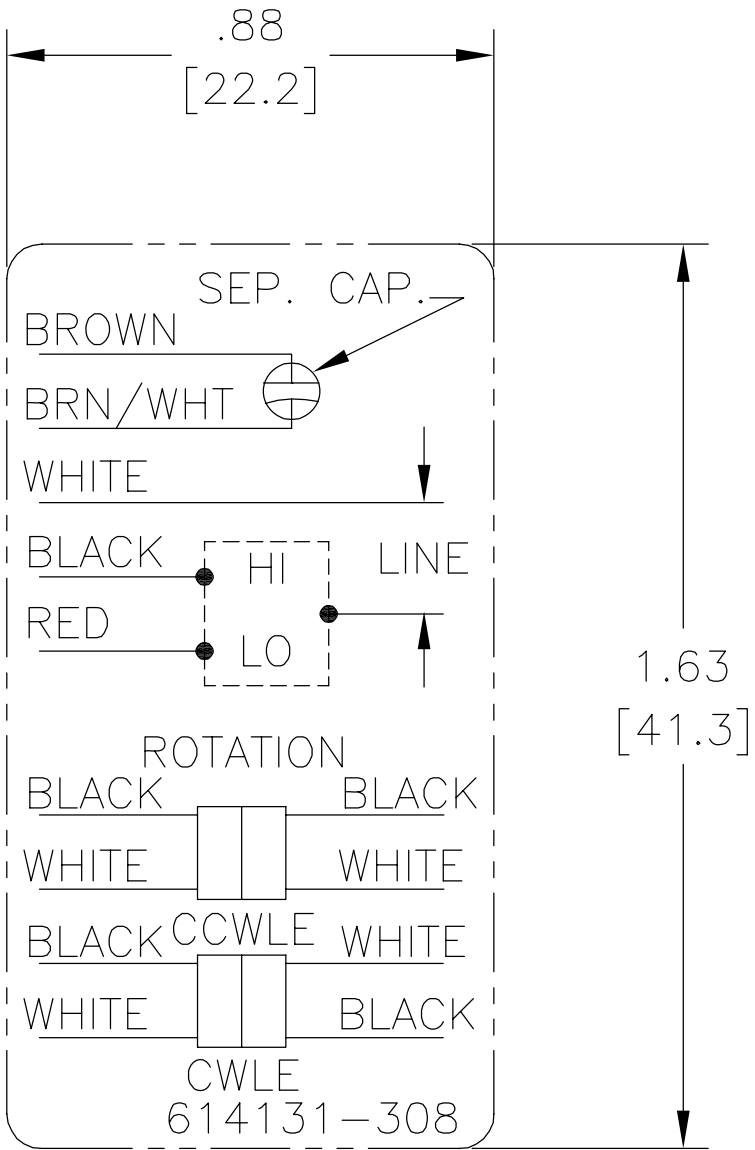
REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0021670	jrupert	07-22-2011	jrupert	07-22-2011



- NOTES:
1. FOR USE WITH 614129 NAMEPLATE BLANK
 2. — — — — — INDICATES DIMENSION LIMITS
 3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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: INCH X XX XXX XXXX mm ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 DEG REMOVE BURRS & 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 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY:	jrupert	07-22-2011	 ELECTRICAL PRODUCTS COMPANY INNOVATION HAS A NAME. A DIVISION OF A. O. SMITH CORPORATION			
		APPD:	jrupert	07-22-2011	DESCRIPTION CONN DIAGRAM NAMEPLATE			
		THIRD ANGLE PROJECTION 		EDS DATE 02-22-2008 FORMAT REV F				
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED. ASME Y14.5M 1994				SIZE A DWG NO 614131-308		
						SCALE NONE		SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	ECO-0021670	jrupert	07-22-2011	jrupert	07-22-2011

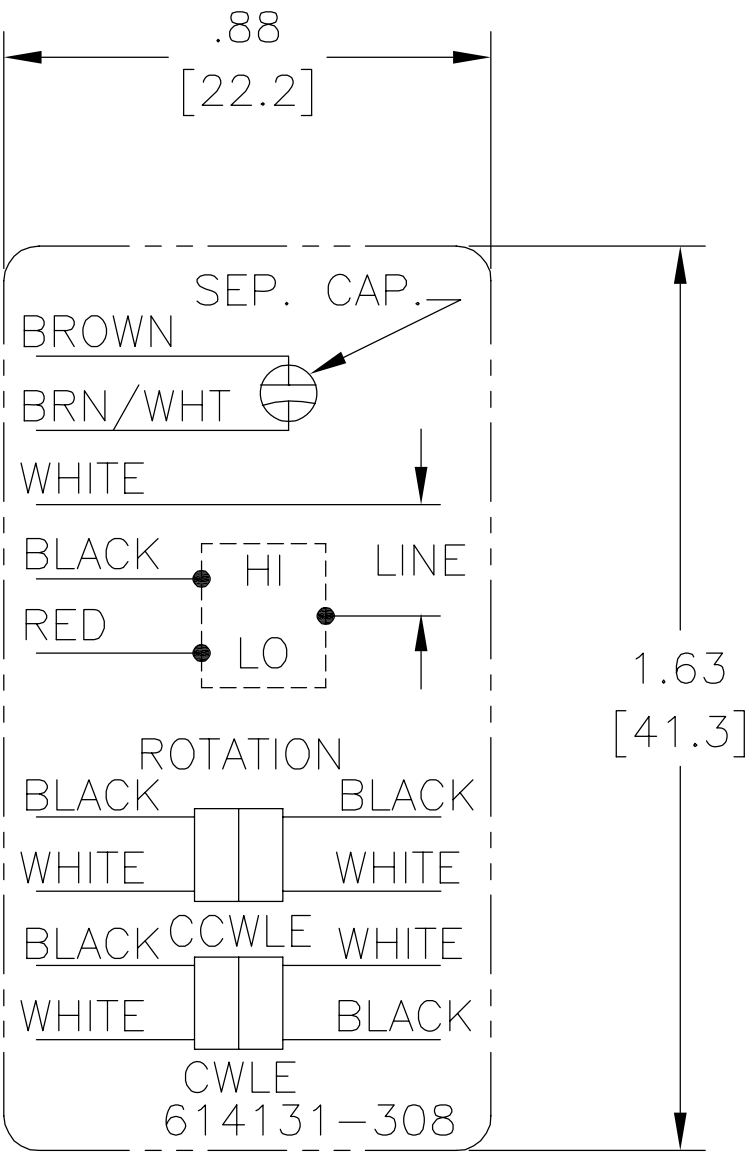


NOTES:

- 1. FOR USE WITH 614129 NAMEPLATE BLANK
- 2. — — — — — INDICATES DIMENSION LIMITS
- 3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
- 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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 X XX XXX XXXX mm ±.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: jrupert	07-22-2011	ACSmith Innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION		
		APROBADO POR: jrupert	07-22-2011			
		TERCER ANGULO DE PROYECCION		FECHA EDS: 02-22-2008 REV. FORMATO: F	DESCRIPCION: CONN DIAGRAM NAMEPLATE	
		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: A	NUMERO DE DIBUJO: 614131-308
					ESCALA:NONE	

版本	ECO	编制	日期	批准	日期
B	ECO-0021670	jrupert	07-22-2011	jrupert	07-22-2011



- NOTES:
1. FOR USE WITH 614129 NAMEPLATE BLANK
 2. — — — — — INDICATES DIMENSION LIMITS
 3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

形位公差 □ 平面度 — 直线度 ∠ 倾斜度 ⊥ 垂直度 // 平行度 ○ 圆度 ⊙ 圆柱度 △ 面轮廓度 ∩ 线轮廓度 ↗ 圆跳动 ⊕ 位置度 ◎ 同轴度 ≡ 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在[]	绘图:	jrupert	07-22-2011	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
		批准:	jrupert	07-22-2011	名称	
		第三角投影		图纸格式发布日期 02-22-2008	CONN DIAGRAM NAMEPLATE	
		机密：本图纸及相关信息所有权归A. O. SMITH公司所有。 未经A. O. SMITH公司书面授权，不得泄露、复制、传播或作其他用途。一版权所有		图纸格式版本 F	图幅	
				图号		
		比例	NONE	页号	1	