

PRODUCT INFORMATION PACKET



Model No: 648A

Catalog No: 648A

Pedestal Fan Motor, 1/2 HP, 1 Ph, 60 Hz, 115 V, 1100 RPM, 1 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





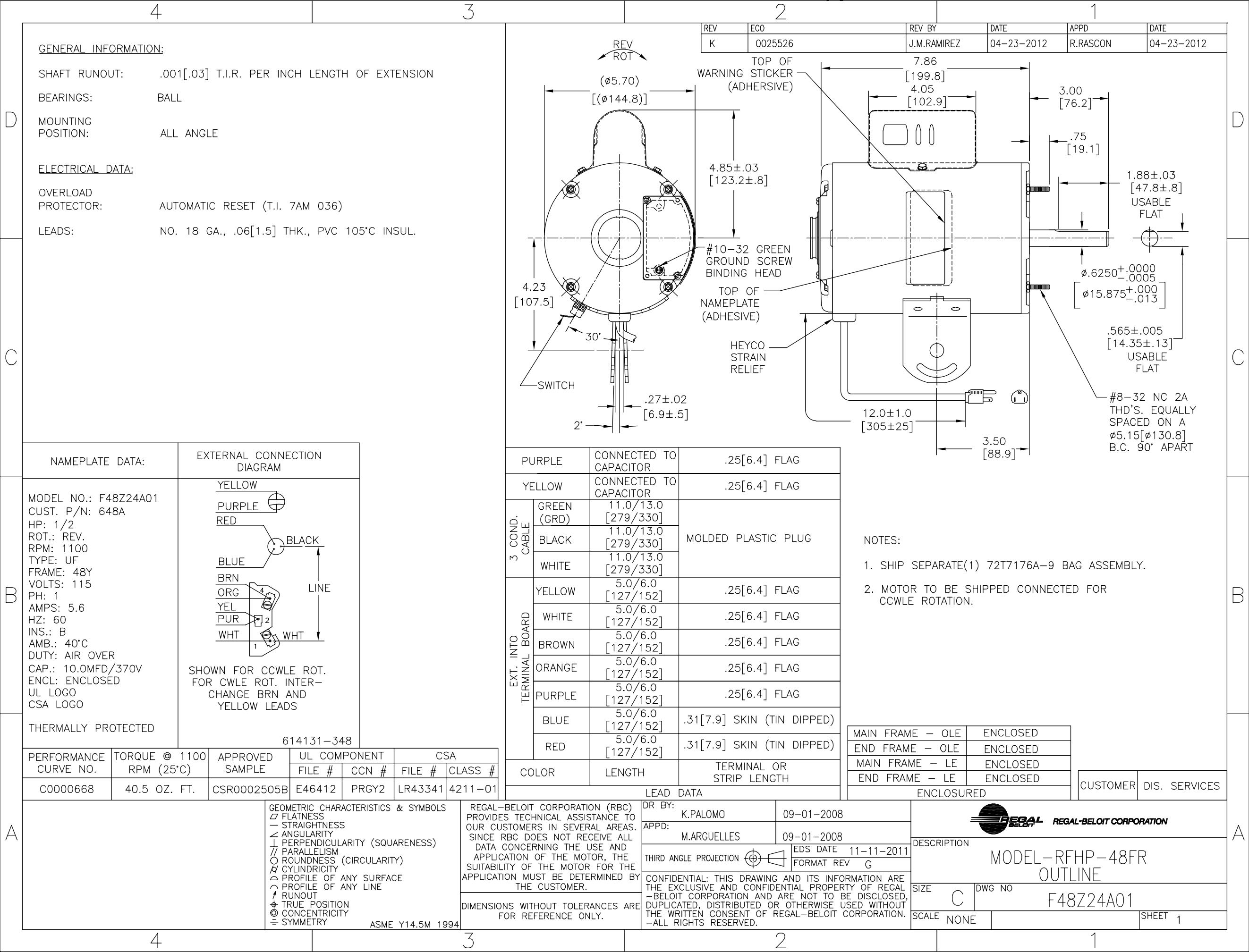
Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	115 V
Speed	1100 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	5.6 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

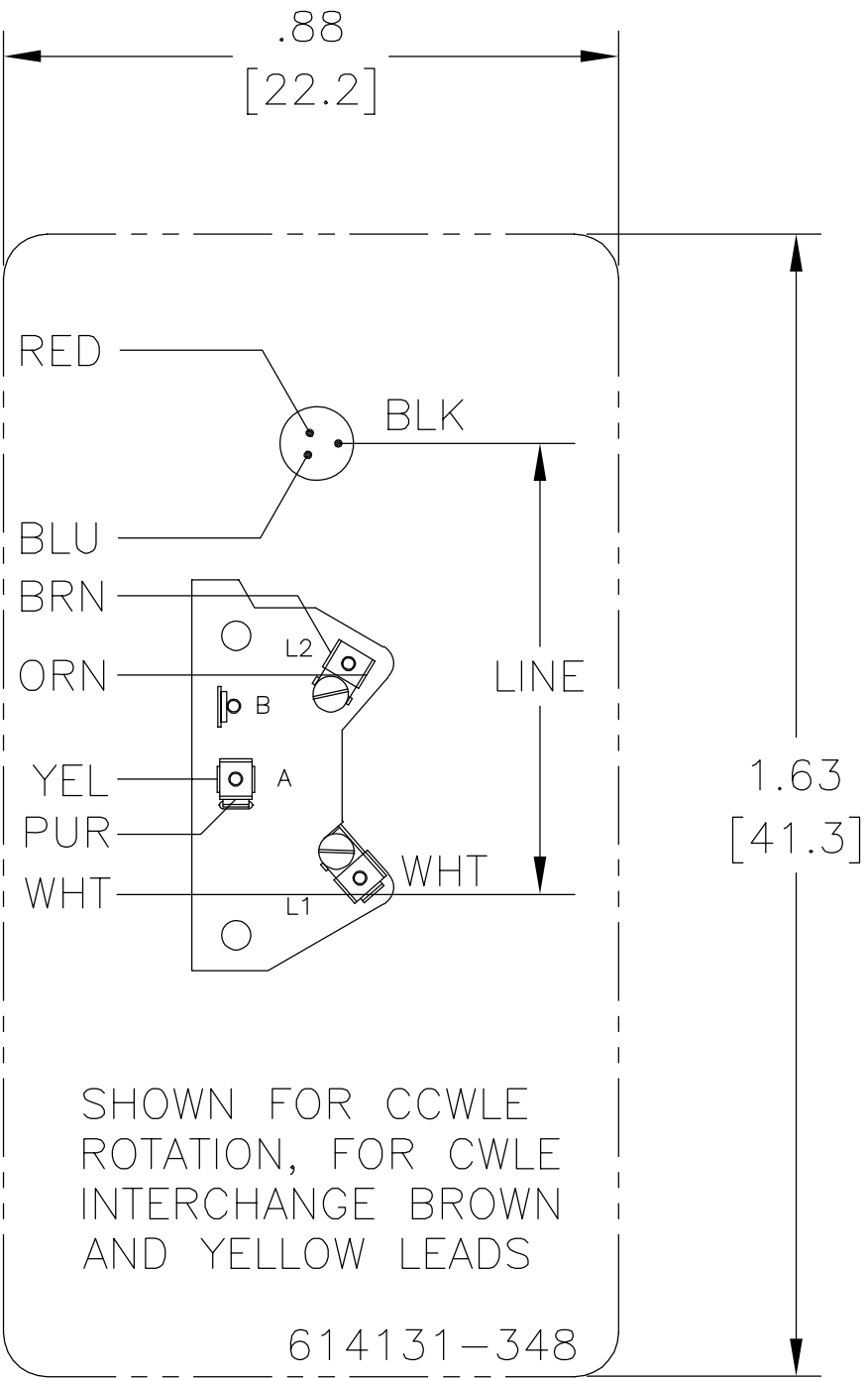
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Yoke	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.86 in	Frame Length	7.00 in
Shaft Diameter	0.625 in	Shaft Extension	3.0 in
Connection Drawing	614131-348	Outline Drawing	F48Z24A01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:02/10/2025

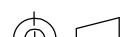


4 of 8

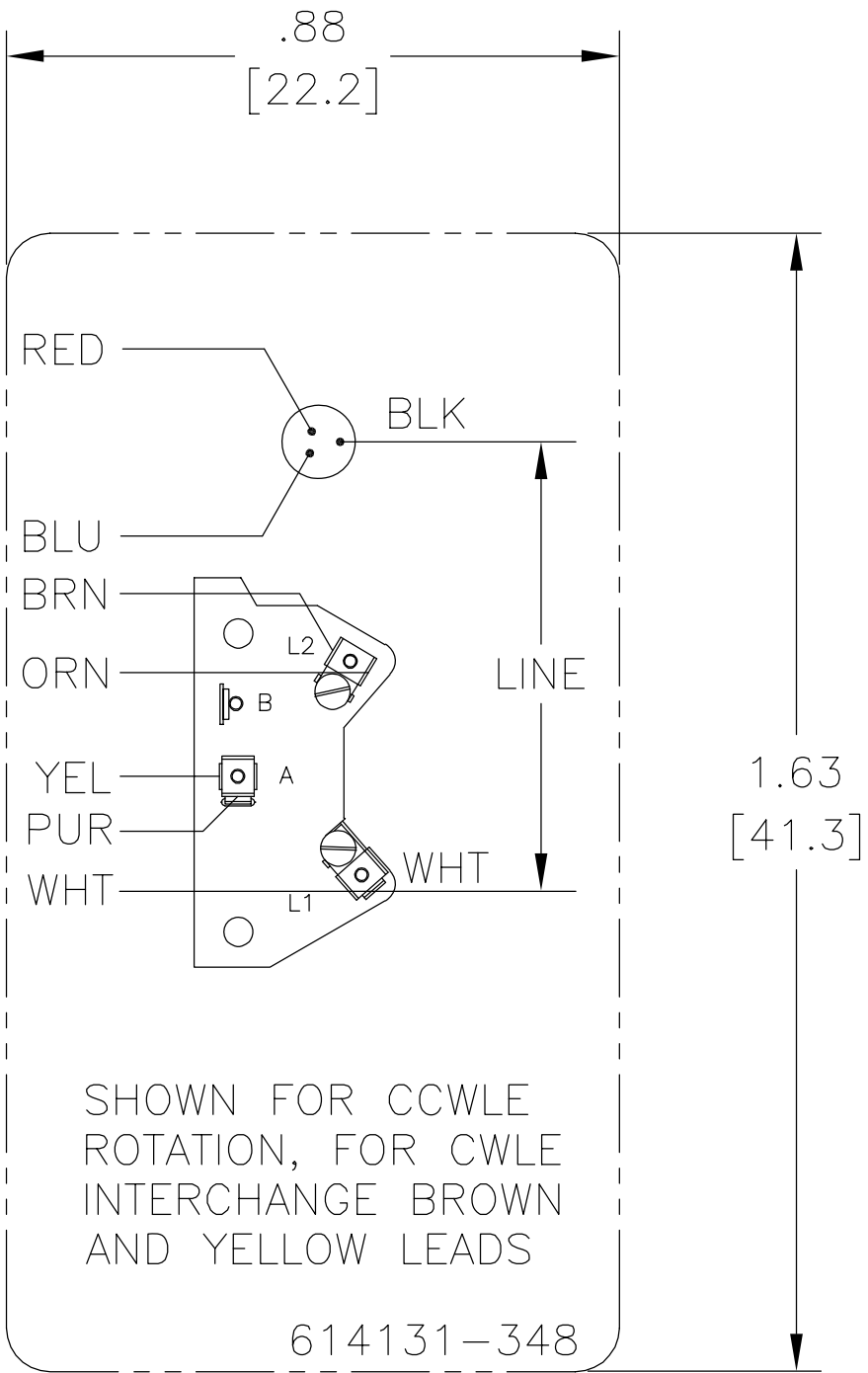
REV	ECO	REV BY	DATE	APPD	DATE
D	ECO-0024611	jrupert	03-06-2012	jrupert	03-06-2012



- 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.

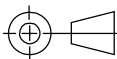
GEOMETRIC CHARACTERISTICS & SYMBOLS ∇ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY ASME Y14.5M 1994	UNLESS OTHERWISE SPECIFIED 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	03-06-2012	 REGAL-BELOIT CORPORATION	
		APPD: jrupert	03-06-2012		
		THIRD ANGLE PROJECTION 		EDS DATE 11-11-2011 FORMAT REV G	
		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.			
		DESCRIPTION CONN DIAGRAM-NAMEPLATE			
SIZE A		DWG NO 614131-348			
SCALE NONE		SHEET 1			

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
D	ECO-0024611	jrupert	03-06-2012	jrupert	03-06-2012

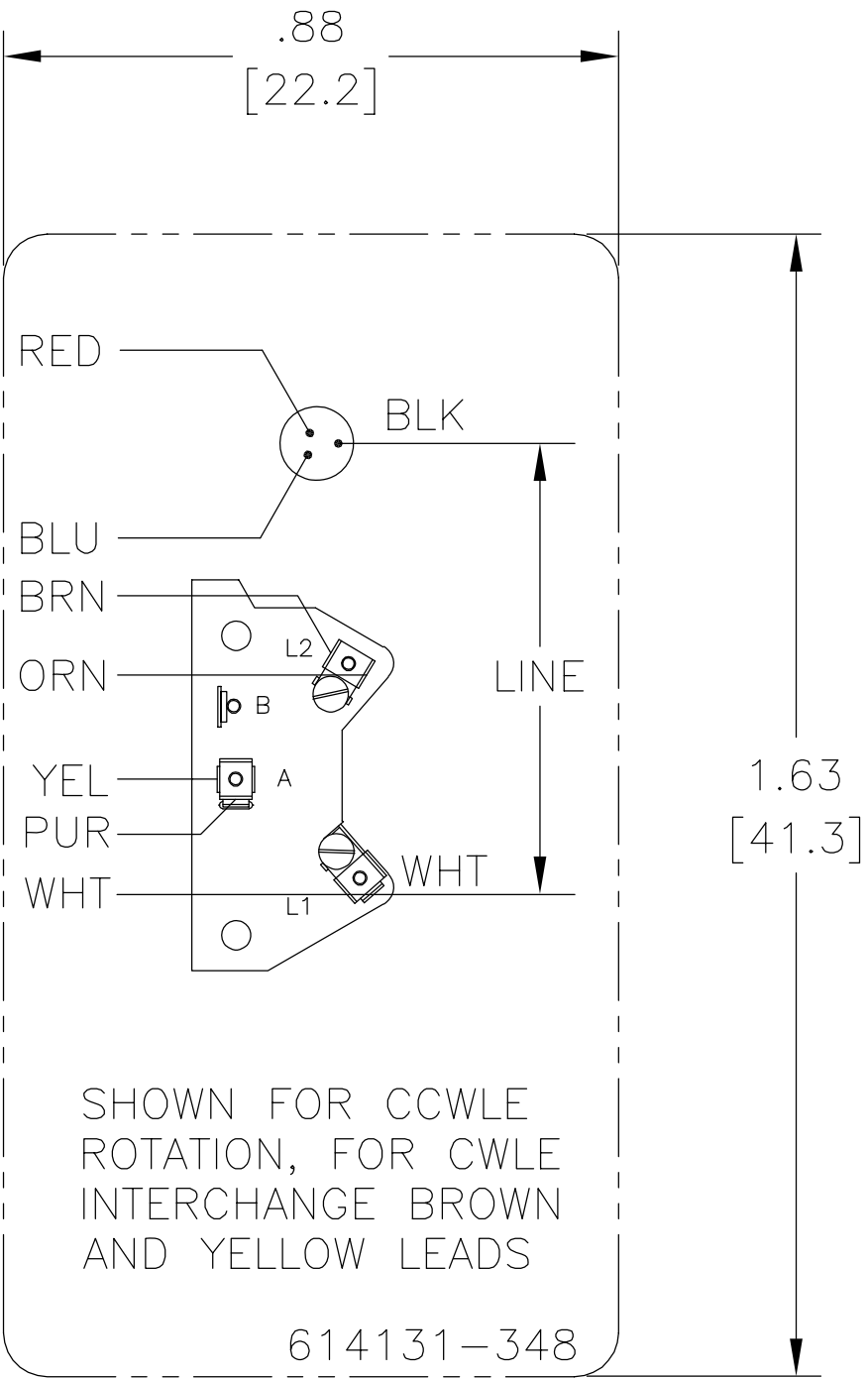


NOTAS:

1. ETIQUETA EN BLANCO 614129 PARA SU USO
2. — — — — — INDICA LOS LIMITES DE DIMENSION
3. EL DADO DE SER HECHO DE LA PIEZA MAESTRA SUMINISTRADA POR DE LA CORPORACION A. O. SMITH
4. EL DADO DEBE PRODUCIR IMPRESION 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 ASME Y14.5M 1994	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 3.2 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: jrupert	03-06-2012	 REGAL-BELOIT CORPORATION	
		APROBADO POR: jrupert	03-06-2012		
		TERCER ANGULO DE PROYECCION 	FECHA EDS: 11-11-2011 REV. FORMATO: G	DESCRIPCION: CONN DIAGRAM-NAMEPLATE	
		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.		TAMAÑO: A	NUMERO DE DIBUJO: 614131-348
				ESCALA:NONE	HOJA: 1

版本	ECO	编制	日期	批准	日期
D	ECO-0024611	jrupert	03-06-2012	jrupert	03-06-2012



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	ASME Y14.5M 1994
---	------------------

除另有注明 尺寸公差如下: 英寸 .0005 .001 .002 .005 .01 毫米 0.013 0.025 0.051 0.127 0.254 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	03-06-2012
批准: jrupert	03-06-2012
第三角投影	图纸格式发布日期 11-11-2011 图纸格式版本 G
机密:本图纸及相关信息所有权归REGAL-BELOIT CORPORATION 未经REGAL-BELOIT CORPORATION书面授权, 不得泄露、 复制、传播或作其他用途。--版权所有	

 REGAL-BELOIT CORPORATION		
名称 CONN DIAGRAM-NAMEPLATE		
图幅 A	图号 614131-348	
比例 NONE	页号 1	