

PRODUCT INFORMATION PACKET



Model No: 795A
Catalog No: 795A

OEM Replacement Motor, 1/5 HP, 1 Ph, 60 Hz, 208-230 V, 825 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	1/5 Hp
Output KW	0.15 kW	Voltage	208-230 V
Speed	825 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	1.4 /1.3 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	8	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	8.38 in	Frame Length	3.62 in
Shaft Diameter	0.500 in	Shaft Extension	3.7 in
Outline Drawing	795A-S01	Connection Drawing	614131-354

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

4

3

2

1

REV

ECO

REV BY

DATE

APPD

DATE

E

0025528

E.SINECIO

04-24-2012

R.RASCON

04-24-2012

GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION

END PLAY: .010 TO .063 [.25 TO 1.60]

BEARINGS: SLEEVE

MOUNTING POSITION: ALL ANGLE

ELECTRICAL DATA:

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

LEADS: NO. 18 GA., .06 [1.5] THK. PVC 105°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN/YELLOW) INSUL.

NAMEPLATE DATA:

EXTERNAL CONNECTION DIAGRAM

MODEL NO.: F48Z19A01
CUST. P/N: 795A
HP: 1/5
ROT.: REVERSIBLE
RPM: 825
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 1.4/1.3
HZ: 60
INS.: B
AMB.: 40° C
DUTY: AIR OVER
CAP.: 5MFD/370V @ 230V
7.5 MFD/370V @ 208V
ENCL: ENCLOSED
UL LOGO
CSA LOGO
THERMALLY PROTECTED

SEP. CAP.

BROWN

YELLOW

BLACK

ORANGE

PURPLE

LINE

SHOWN FOR CCWLE ROTATION, FOR CWLE INTERCHANGE PURPLE AND BROWN LEADS

614131-354

PERFORMANCE CURVE NO.

TORQUE @ 850 RPM (25°C)

APPROVED SAMPLE

UL COMPONENT

CSA

C32685

19.8 OZ. FT.

0603186A

E46412 PRGY2 LR43341

4211-01

GEOMETRIC CHARACTERISTICS & SYMBOLS

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.

DR BY: S.RECKERS

06-13-2007

APPD: T.RILEY

01-29-2008

THIRD ANGLE PROJECTION

EDS DATE 02-22-2008

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.

REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-RFHP-48FR OUTLINE

SIZE C

DWG NO 795A

SCALE NONE

SHEET 1

REV. ROT.

Ø5.70 [Ø144.8] MAX.

15°

LEAD LENGTH

3X 90°

60°

4X 45°

2X DRAIN HOLE PLUGGED

#8-32 NC-2A THD'S. 4X EQ. SP. ON A Ø5.15 [Ø130.7] B.C.

LEAD LENGTH

GROUND LEAD (TERMINAL AT MOTOR MUST NOT PROTRUDE BEYOND MOTOR O.D.)

7.89 [200.4]

4.24 [107.7]

3.65 [92.7]

.718±.030 [18.25±.76]

.49 [12.4]

3.25 [82.6] USABLE FLAT

.453±.005 [11.51±.13] FLAT

SLINGER

Ø.5000⁺.0000_{-.0004}

Ø12.700⁺.000_{-.010}

TOP OF NAMEPLATE (ADHESIVE)

TOP OF WARNING STICKER (ADHESIVE)

4X Ø.120/.124 [Ø3.02/3.18] MOUNTING HOLES EQ. SP. 90°(±1°) APART

GREEN/YELLOW (GROUND)

5.0/7.0 [127/178]

#10 EYELET

PURPLE

35.0/37.0 [889/940]

.25 [6.4] FLAG

BROWN

35.0/37.0 [889/940]

.25 [6.4] FLAG

ORANGE

35.0/37.0 [889/940]

.25 [6.4] FLAG

YELLOW

35.0/37.0 [889/940]

.25 [6.4] FLAG

BLACK

35.0/37.0 [889/940]

.25 [6.4] FLAG

COLOR

LENGTH

TERMINAL OR STRIP LENGTH

LEAD DATA

ENCLOSURE

CUSTOMER

DISTRIBUTION SERVICES

NOTES:

1. SHIP MOTOR CONNECTED FOR CCWLE ROTATION.

2. 4X SCREWS 15771401; 4X LOCKWASHERS 20PS8-B3; 4X HEX NUTS 368C210H05 AND SHIPPED SEPARATE IN EACH CARTON

3 of 8

4

3

2

1

REVISION:ECO
E0025528

REVISADO POR:E.SINECIO

FECHA:04-24-2012

APROBADO POR:R.RASCON

FECHA:04-24-2012

INFORMACION GENERAL:

OSCILAMIENTO DE FLECHA: .001 [.03] L.T.I. DE ACUERDO A LONGITUD DE EXT. POR PULG.

JUEGO AXIAL: .010 A .063 [.25 A 1.60]

BALEROS: MANGA

POSICION DE MONTAJE: TODOS LOS ANGULOS

INFORMACION ELECTRICA:

SOBRECARGA DEL PROTECTOR: REINICIO AUTOMATICO (T.I. 7AM 036)

CABLES: CAL. NO. 18, .06 [1.5] ESP. PVC 105°C AISL.

CABLE DE TIERRA: CAL. NO. 18, .03 [.8] ESP. (VERDE/AMARILLO) AISL.

INF. PLACA DE DATOS:

MODEL NO.: F48Z19A01
CUST. P/N: 795A
HP: 1/5
ROT.: REVERSIBLE
RPM: 825
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 1.4/1.3
HZ: 60
INS.: B
AMB.: 40° C
DUTY: AIR OVER
CAP.: 5MFD/370V @ 230V
7.5 MFD/370V @ 208V
ENCL: ENCLOSED
UL LOGO
CSA LOGO
THERMALLY PROTECTED

DIAGRAMA DE CONEXION EXTERNA

SEP. CAP.

CAFE

AMARILLO

NEGRO

NARANJA

MORADO

MOstrar PARA ROTACION CCWLE, PARA CWLE

INTERCAMBIAR MORADO Y CABLES CAFES

614131-354

CURVAS DE FUNCIONAMIENTO

TORSION @ 850 RPM (25°C)

MUESTRA APROVADA

COMPONENTE UL

CSA

C32685

19.8 OZ. FT.

0603186A

#ARCHIVO E46412

CCN # PRGY2

#ARCHIVO LR43341

#CLASE 4211-01

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

PLANICIDAD

RECTITUD

ANGULARIDAD

PERPENDICULARIDAD (A ESQUADRA)

PARALELISMO

REDONDEZ (CIRCULARIDAD)

CILINDRICIDAD

PERFIL DE CUALQUIER SUPERFICIE

PERFIL DE CUALQUIER LINEA

VARIACION

POSICION REAL

CONCENTRICIDAD

SIMETRIA

ASME Y14.5M 1994

REGAL-BELOIT CORPORATION (RBC) PROVEE ASISTENCIA TECNICA A NUESTROS CLIENTES EN VARIAS AREAS. DESDE QUE RBC NO RECIBE TODOS LOS DATOS EN RELACION AL USO Y A LA APLICACION DEL MOTOR, LA APLICACION ADECUADA DEL MOTOR DEBE SER DETERMINADA POR EL CLIENTE.

DIMENSIONES SIN TOLERANCIA SON DE REFERENCIA SOLAMENTE

DIBUJADO POR: S.RECKERS

APROBADO POR: T.RILEY

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.

06-13-2007

01-29-2008

FECHA EDS: 02-22-2008

REV. FORMATO: G

CUERPO PPAL. -OLE

TAPA FINAL- OLE

CUERPO PPAL. -LE

TAPA FINAL - LE

CERRADO

CERRADO

CERRADO

CERRADO

TIPO DE MOTOR

CLIENTE

DISTRIBUTION SERVICES

REGAL BELLOIT

REGAL-BELOIT CORPORATION

DESCRIPCION: MODEL-RFHP-48FR OUTLINE

TAMAÑO: C

NUMERO DE DIBUJO: 795A

ESCALA: NONE

HOJA: 1

REV. ROT.

Ø5.70 [Ø144.8] MAX.

15°

LONG. DE CABLES

4X ROSCA #8-32 NC-2A IGUALMENTE ESPACIADAS EN UN Ø5.15 [Ø130.7] ENTRE CENTROS

LONG. DE CABLES

4X 45°

2X ORIFICIO P/DRENAR TAPADO

3X 90°

60°

7.89 [200.4]

4.24 [107.7]

3.65 [92.7]

.718±.030 [18.25±.76]

.49 [12.4]

3.25 [82.6] PLANO USABLE

.453±.005 [11.51±.13] PLANO

DISPERSOR

Ø.5000+-.0000 --.0004

Ø12.700+-.000 --.010

PARTE SUPERIOR DE LA PLACA DE DATOS (ADHESIVA)

PARTE SUPERIOR DE LA ETIQUETA (ADHESIVA)

4X Ø.120/.124 [Ø3.02/3.18] BARRENOS DE MONTAJE IGUALMENTE ESPACIADOS APARTADOS A 90°(±1°)

CABLE DE TIERRA (TERMINAL EN EL MOTOR NO DEBE SOBREPASAR MAS ALLA DEL DIAMETRO EXTERNO DEL MOTOR)

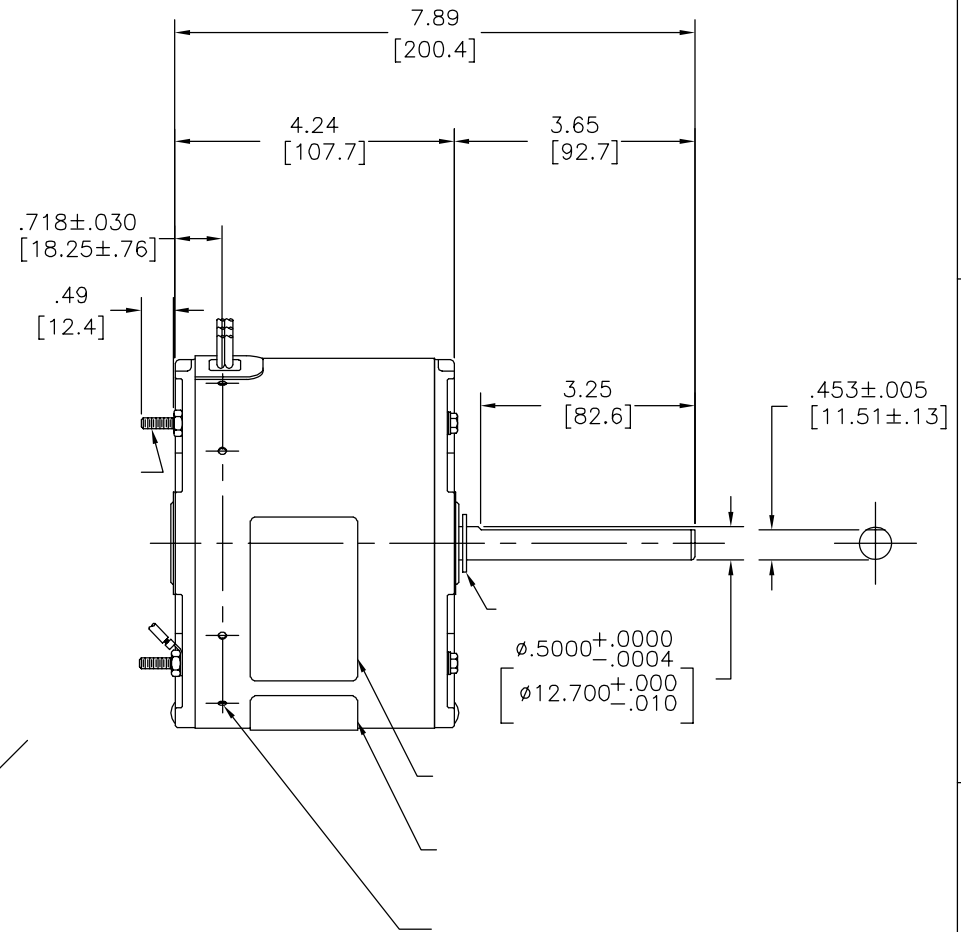
4

3

2

1

4 of 8

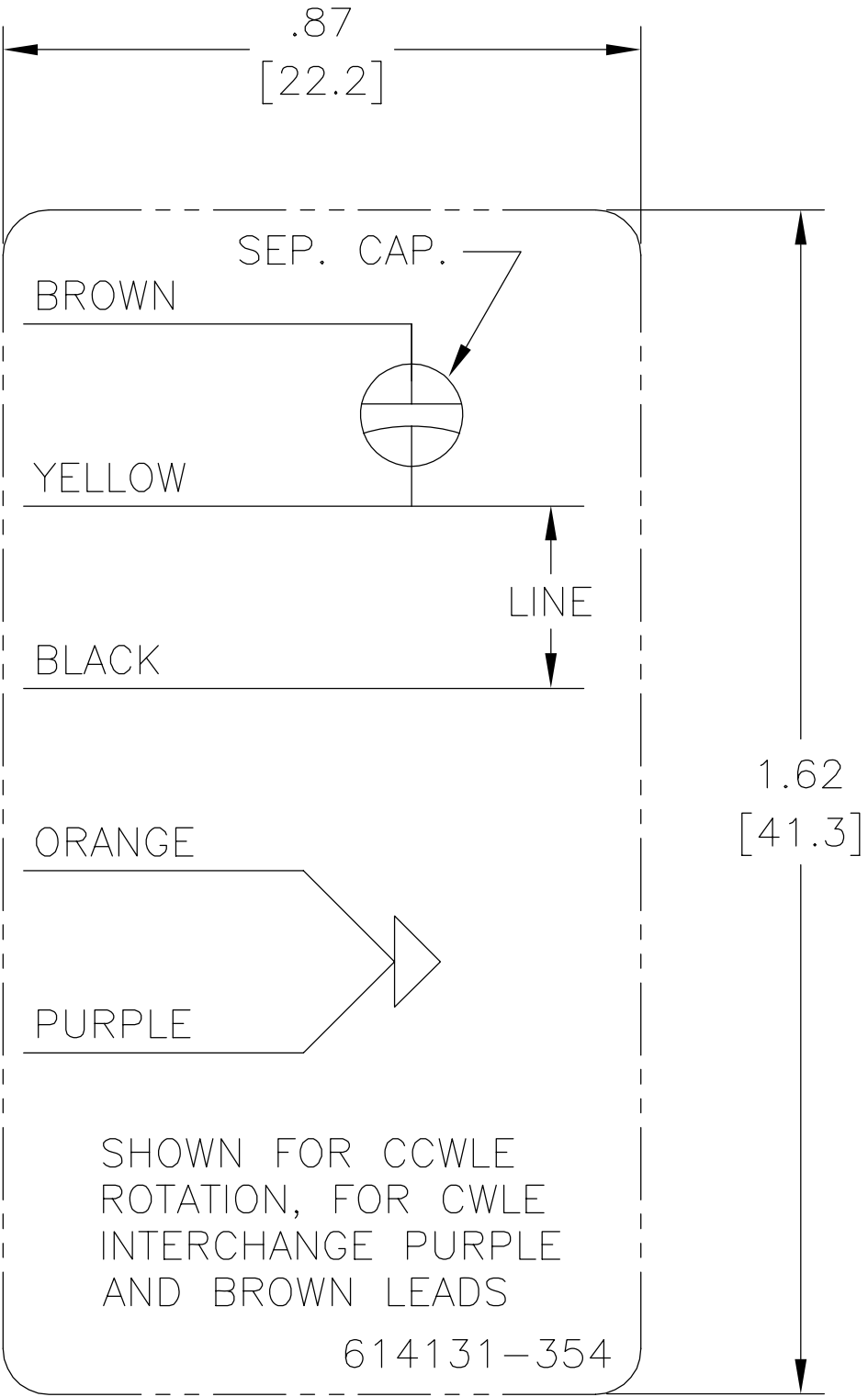


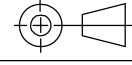
614131-354

页号	1
----	---

REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0023374	jrupert	11-19-2011	jrupert	11-19-2011

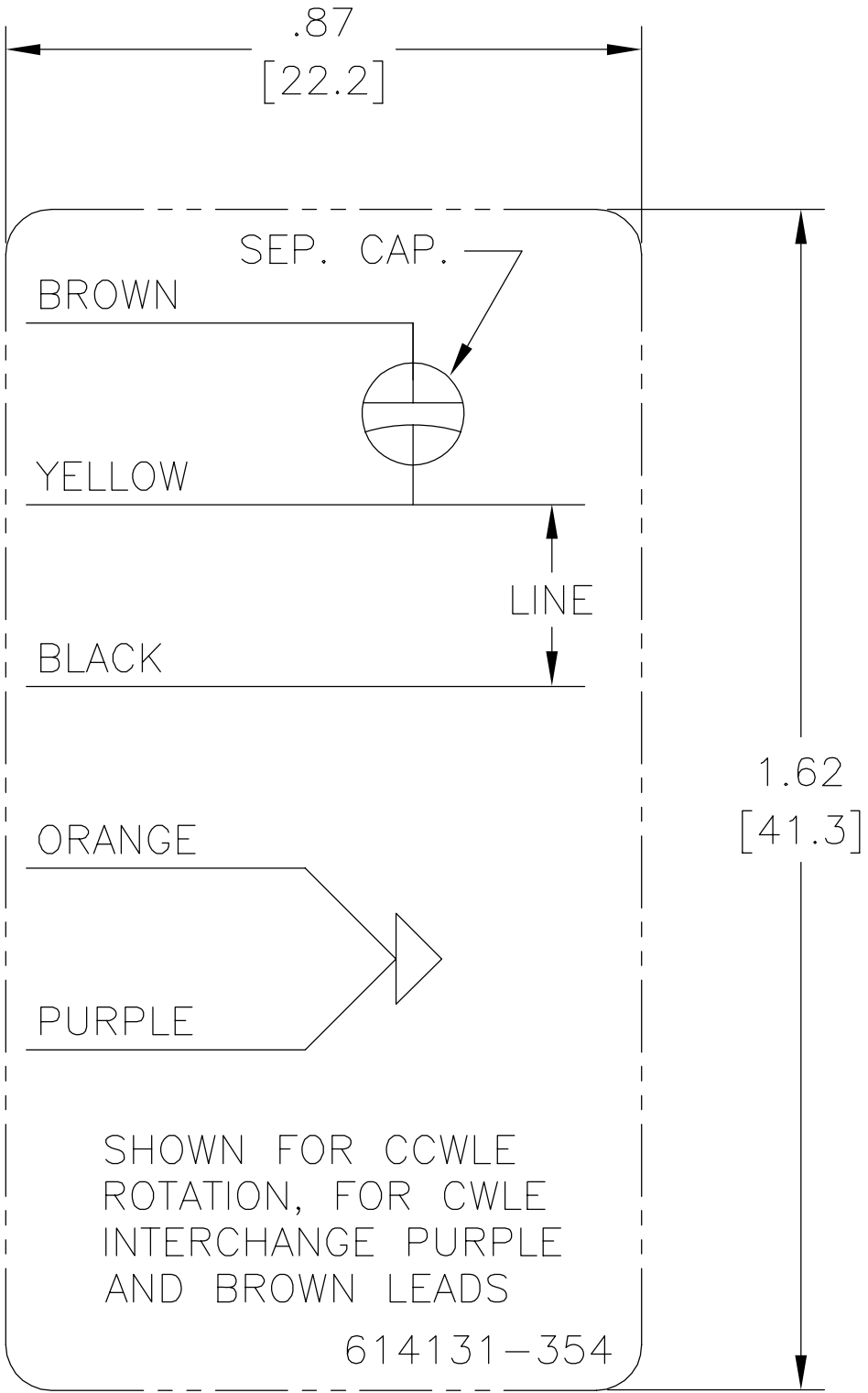
- NOTES:
- FOR USE WITH 614129 NAMEPLATE BLANK
 - — — — — INDICATES DIMENSION LIMITS
 - DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
 - DIE MUST PRODUCE A LEGIBLE IMPRESSION.

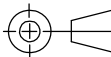


GEOMETRIC CHARACTERISTICS & SYMBOLS ∟ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES 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	11-19-2011	 ELECTRICAL PRODUCTS COMPANY innovation has a name. A DIVISION OF A. O. SMITH CORPORATION			
		APPD:	jrupert	11-19-2011	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 614131-354	
						SCALE NONE		SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0023374	jrupert	11-19-2011	jrupert	11-19-2011

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

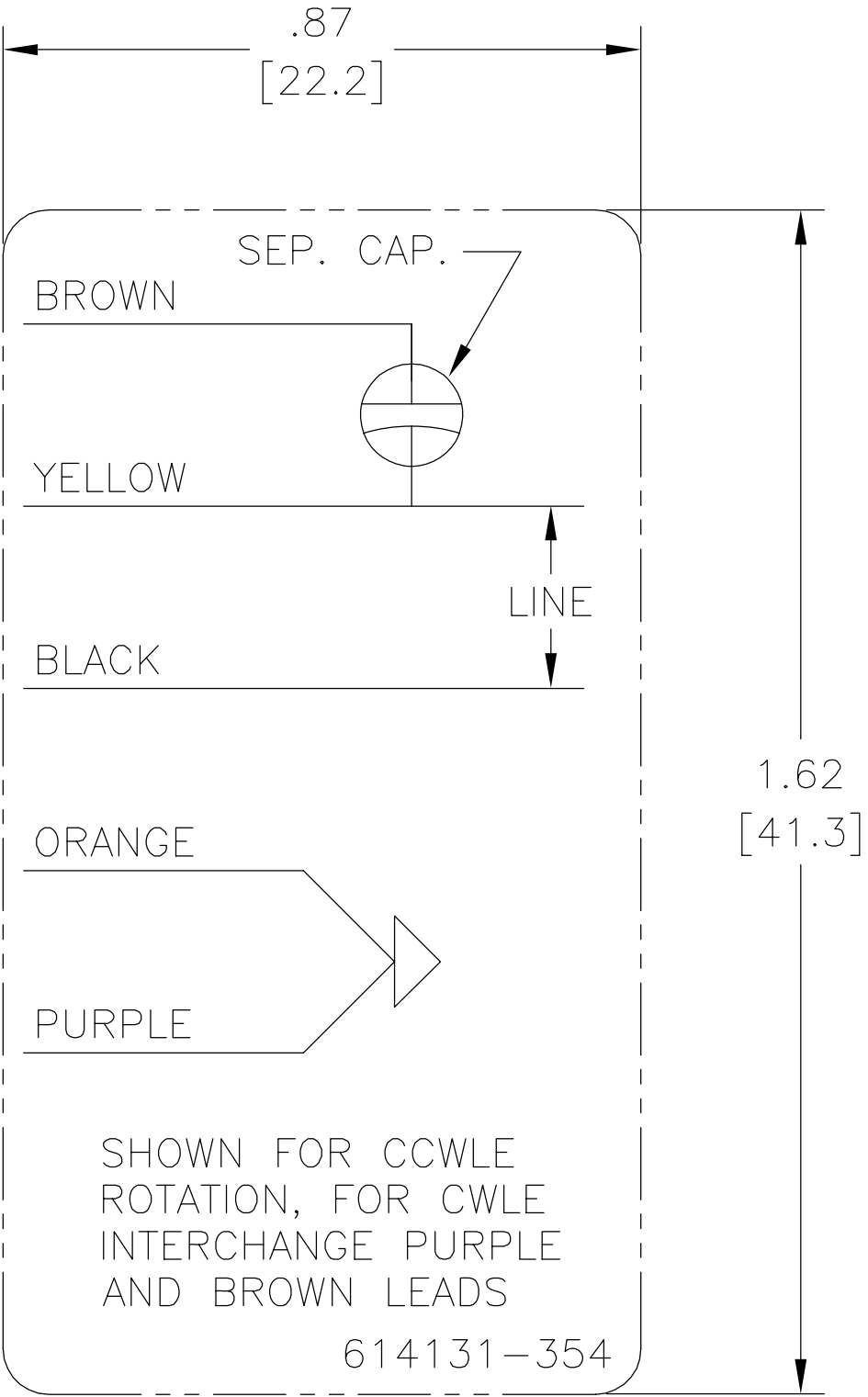


CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ∕ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⌀ CILINDRICIDAD ⌒ PERFIL DE CUALQUIER SUPERFICIE ⌒ PERFIL DE CUALQUIER LINEA ↑ VARIACION ⊕ POSICION REAL ◎ CONCENTRICIDAD ≡ SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES: 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	11-19-2011	 ELECTRICAL PRODUCTS COMPANY innovation has a name. A DIVISION OF A. O. SMITH CORPORATION		
		APROBADO POR: jrupert	11-19-2011	DESCRIPCION: CONN DIAGRAM NAMEPLATE		
		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		TAMAÑO: A	NUMERO DE DIBUJO: 614131-354	
				ESCALA:NONE	HOJA: 1	

版本	ECO	编制	日期	批准	日期
C	ECO-0023374	jrupert	11-19-2011	jrupert	11-19-2011

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 ±.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	11-19-2011	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION			
	批准： jrupert	11-19-2011					
	第三角投影		图纸格式发布日期 02-22-2008	名称 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				
			ASME Y14.5M 1994			图幅 A	图号 614131-354
						比例 NONE	页号 1