

PRODUCT INFORMATION PACKET



Model No: FC3076F
Catalog No: FC3076F

HEATMASTER® Condenser Fan Motor, 3/4 HP, 3 Ph, 60 Hz, 200-230/460 V, 1140 RPM, 1 Speed, 48 Frame,
OPEN



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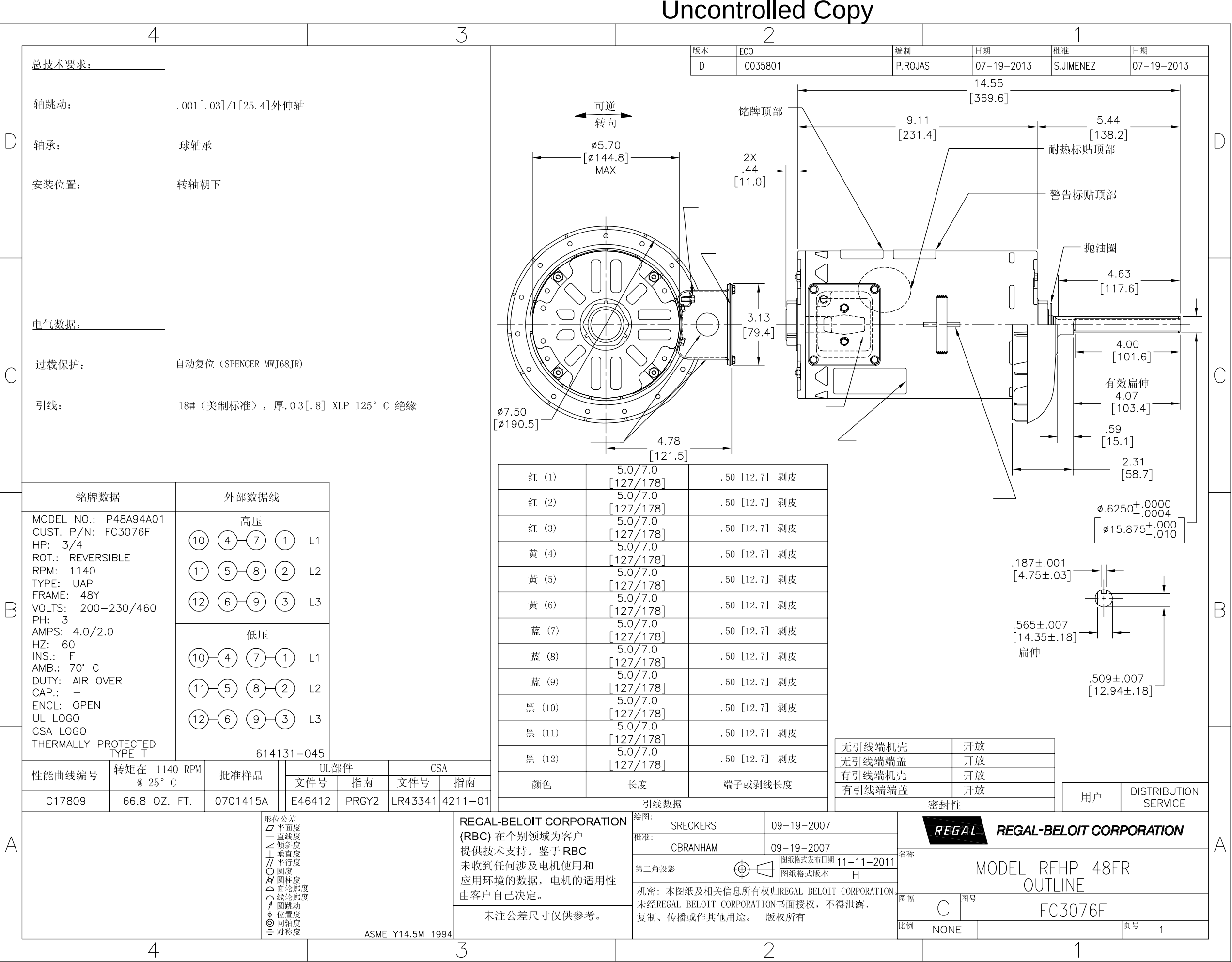
Nameplate Specifications

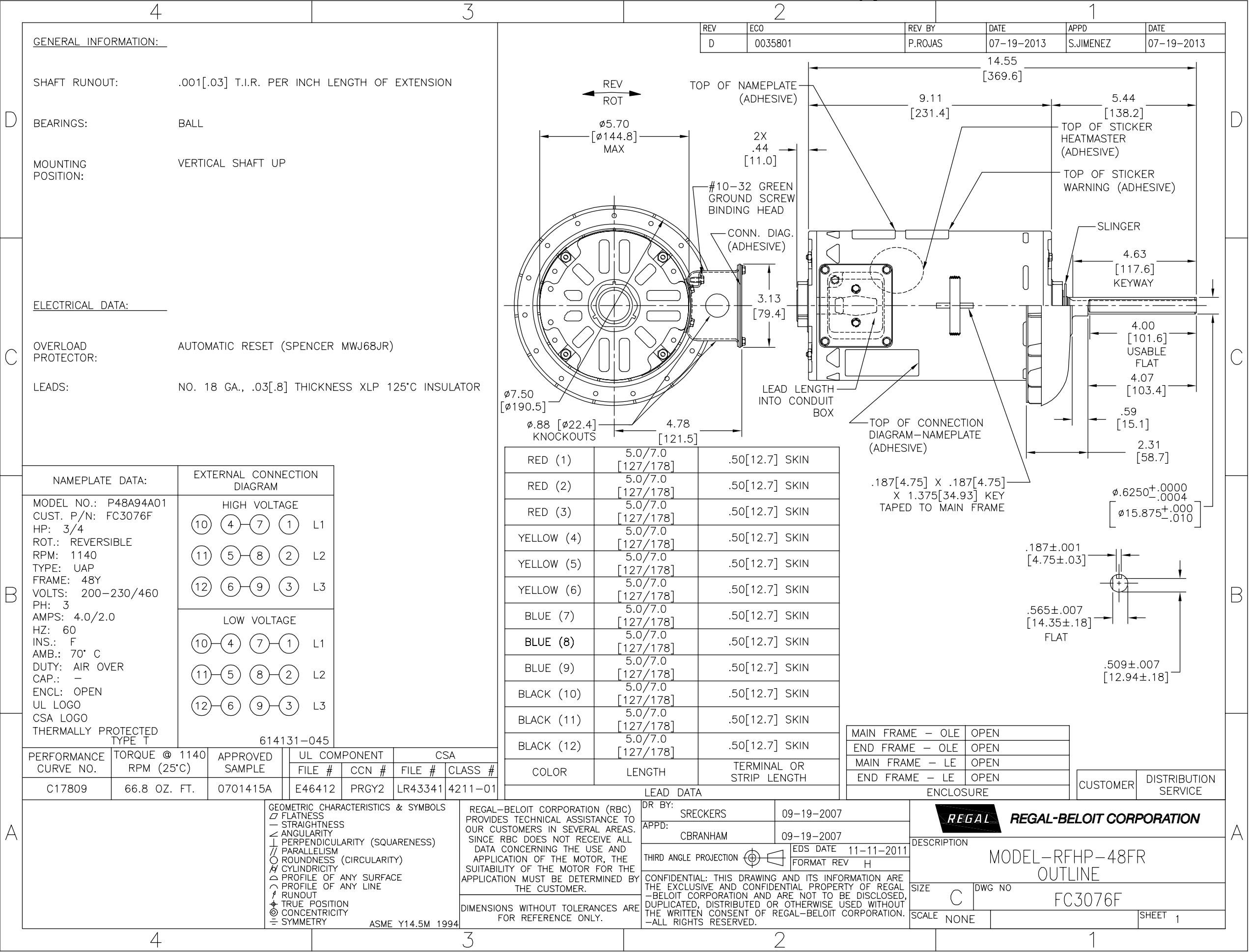
Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	200-230/460 V
Current	4.0/2.0 A	Speed	1140 rpm
Service Factor	1	Phase	3
Duty	Air Over	Insulation Class	F
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	70 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Three Phase	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Round Belly Band	Motor Orientation	Vertical Shaft Up
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Keyed
Overall Length	14.99 in	Frame Length	8.50 in
Shaft Diameter	0.625 in	Shaft Extension	4.07 in
Outline Drawing	FC3076F-S01	Connection Drawing	614131-045

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4

3

2

1

REVISION: ECO
D 0035801

REVISADO POR: P.ROJAS

FECHA: 07-19-2013

APROBADO POR: S.JIMENEZ

FECHA: 07-19-2013

INFORMACION GENERAL:

OSCILACION DE FLECHA: .001[.03] L.T.I. POR PULGADA DE LARGO DE EXTENSION

BALEROS: BOLA

POSICION DEL MONTAJE: VERTICAL FLECHA HACIA ARRIBA

INFORMACION ELECTRICA:

SOBRECARGA DEL PROTECTOR: REINICIO AUTOMATICO (SPENCER MWJ68JR)

CABLES: CALIBRE #18 .03[.8] ESPESOR XLP 125°C AISLANTE

INFORMACION DE ETIQUETA:

MODEL NO.: P48A94A01
CUST. P/N: FC3076F
HP: 3/4
ROT.: REVERSIBLE
RPM: 1140
TYPE: UAP
FRAME: 48Y
VOLTS: 200-230/460
PH: 3
AMPS: 4.0/2.0
HZ: 60
INS.: F
AMB.: 70° C
DUTY: AIR OVER
CAP.: -
ENCL: OPEN
UL LOGO
CSA LOGO
THERMALLY PROTECTED TYPE T

DIAGRAMA DE CONEXION EXTERNA

10

4

7

1

L1

11

5

8

2

L2

12

6

9

3

L3

10

4

7

1

L1

11

5

8

2

L2

12

6

9

3

L3

614131-045

CURVAS DE FUNCIONAMIENTO

TORSION @ 1140 RPM (25°C)

MUESTRA APROBADA

COMPONENTE UL

CSA

C17809

66.8 OZ. FT.

0701415A

E46412 PRGY2

LR43341 4211-01

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

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

ROJO (1) 5.0/7.0 [127/178] .50[12.7] DESFORRE

ROJO (2) 5.0/7.0 [127/178] .50[12.7] DESFORRE

ROJO (3) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AMARILLO (4) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AMARILLO (5) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AMARILLO (6) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AZUL (7) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AZUL (8) 5.0/7.0 [127/178] .50[12.7] DESFORRE

AZUL (9) 5.0/7.0 [127/178] .50[12.7] DESFORRE

NEGRO (10) 5.0/7.0 [127/178] .50[12.7] DESFORRE

NEGRO (11) 5.0/7.0 [127/178] .50[12.7] DESFORRE

NEGRO (12) 5.0/7.0 [127/178] .50[12.7] DESFORRE

COLOR LONGITUD TERMINAL O LONGITUD DE DESFORRE

INFORMACION DE CABLES

DE CARCASA - OLE ABIERTO

DE TAPA - OLE ABIERTO

DE CARCASA - LE ABIERTO

DE TAPA - LE ABIERTO

TIPO DE MOTOR

CLIENTE

DISTRIBUTION SERVICE

REV ROT

Ø5.70 [Ø144.8] MAX

2X .44 [11.0]

#10-32 VERDE TORNILLO A TIERRA CON CABEZAL DIAG. CON. (ADHESIVO)

3.13 [79.4]

Ø7.50 [Ø190.5]

Ø.88 [Ø22.4] SACA BOCADOS

4.78 [121.5]

LONG. DE CABLE HACIA TAPA DE CONDUCTOR

PARTE SUPERIOR PLACA DE DATOS (ADHESIVA)

PARTE SUPERIOR DE DIAGRAMA DE CONEXION DIAGRAM-PLACA DE DATOS (ADHESIVA)

.187[4.75] X .187[4.75] X 1.375[34.93] LLAVE PEGADOS A CARCASA

14.55 [369.6]

9.11 [231.4]

5.44 [138.2]

PTE. SUPERIOR DE ETIQUETA HEATMASTER (ADHESIVA)

PTE. SUPERIOR DE ETIQUETA DE ADVERTENCIA (ADHESIVA)

DISPERSOR

4.63 [117.6] CUÑERO

4.00 [101.6] PLANO USABLE

4.07 [103.4]

.59 [15.1]

2.31 [58.7]

Ø.6250+ .0000 - .0004 [Ø15.875+ .000 - .010]

.187±.001 [4.75±.03]

.565±.007 [14.35±.18] PLANO

.509±.007 [12.94±.18]

REGAL

REGAL-BELOIT CORPORATION

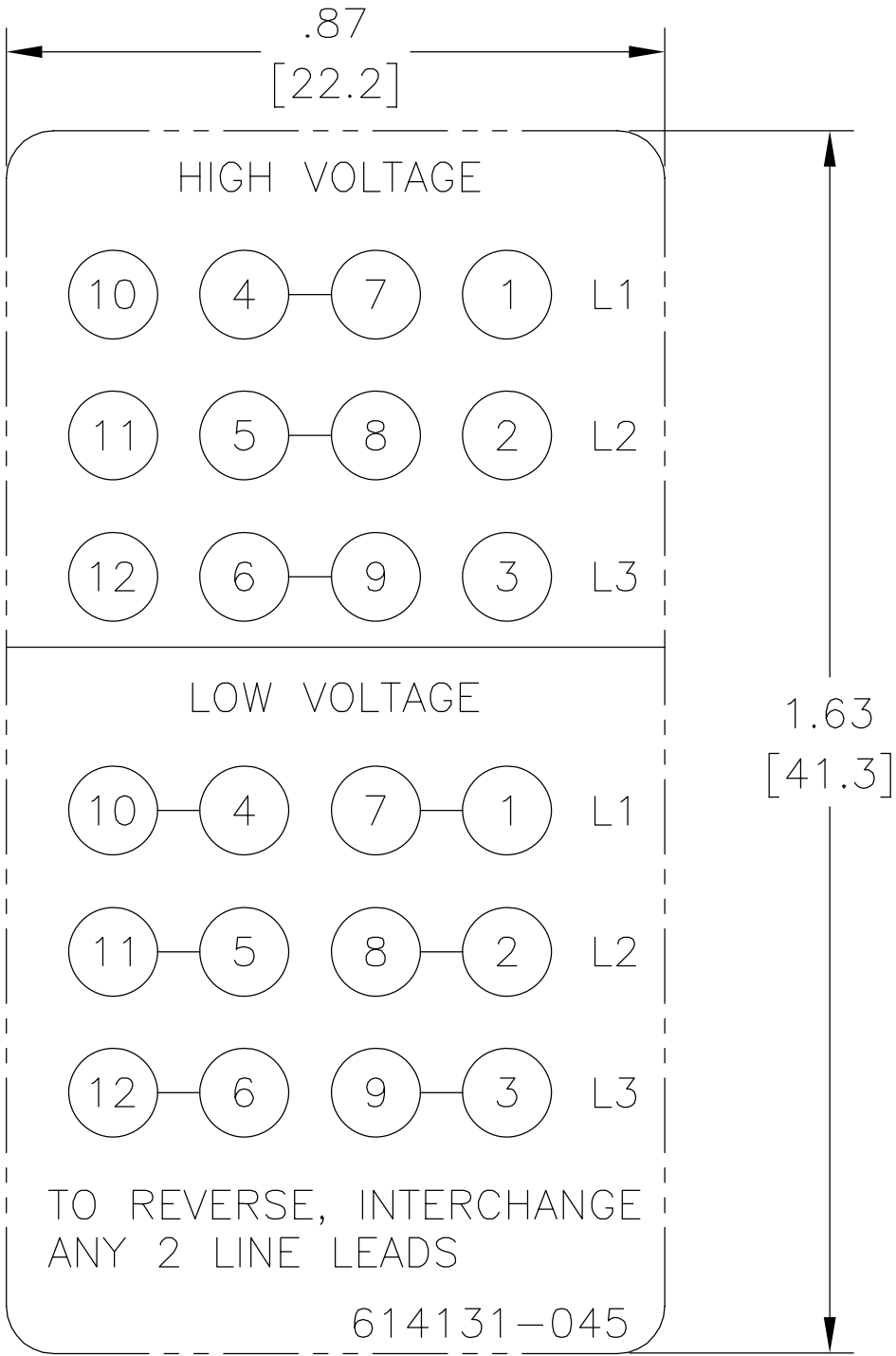
DESCRIPCION: MODEL-RFHP-48FR OUTLINE

TAMAÑO: C NUMERO DE DIBUJO: FC3076F

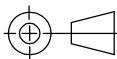
ESCALA: NONE

HOJA: 1

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



- NOTES:
- 1. FOR USE WITH 614129 NAMEPLATE BLANK
 - 2. — — — — — INDICATES DIMENSION LIMITS
 - 3. DIE TO BE MADE FROM MASTER SUPPLIED BY REGAL
 - 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	02-03-2009	REGAL REGAL-BELOIT CORPORATION			
		APPD:	triley	02-03-2009	DESCRIPTION			
		THIRD ANGLE PROJECTION		EDS DATE	11-11-2011	CONN DIAGRAM EXTERNAL		
				FORMAT REV	H			
		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.					SIZE	DWG NO
							A	614131-045
					SCALE	NONE	SHEET	1