

PRODUCT INFORMATION PACKET



Model No: 9642
Catalog No: 9642

Fan and Blower Motor, 1/5 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 1 Speed, 42 Frame, OPEN



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Nameplate Specifications

Output HP	1/5 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	115 V
Current	3.3 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Continuous Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

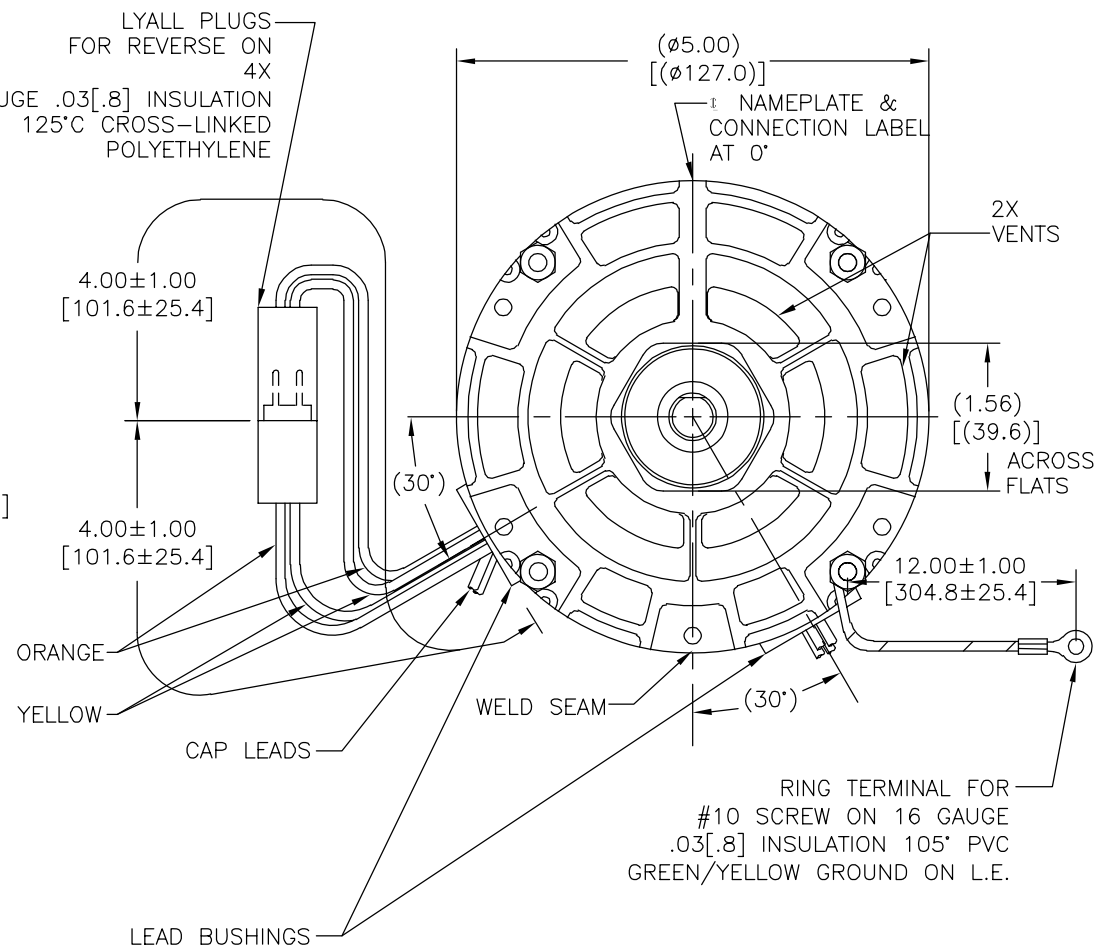
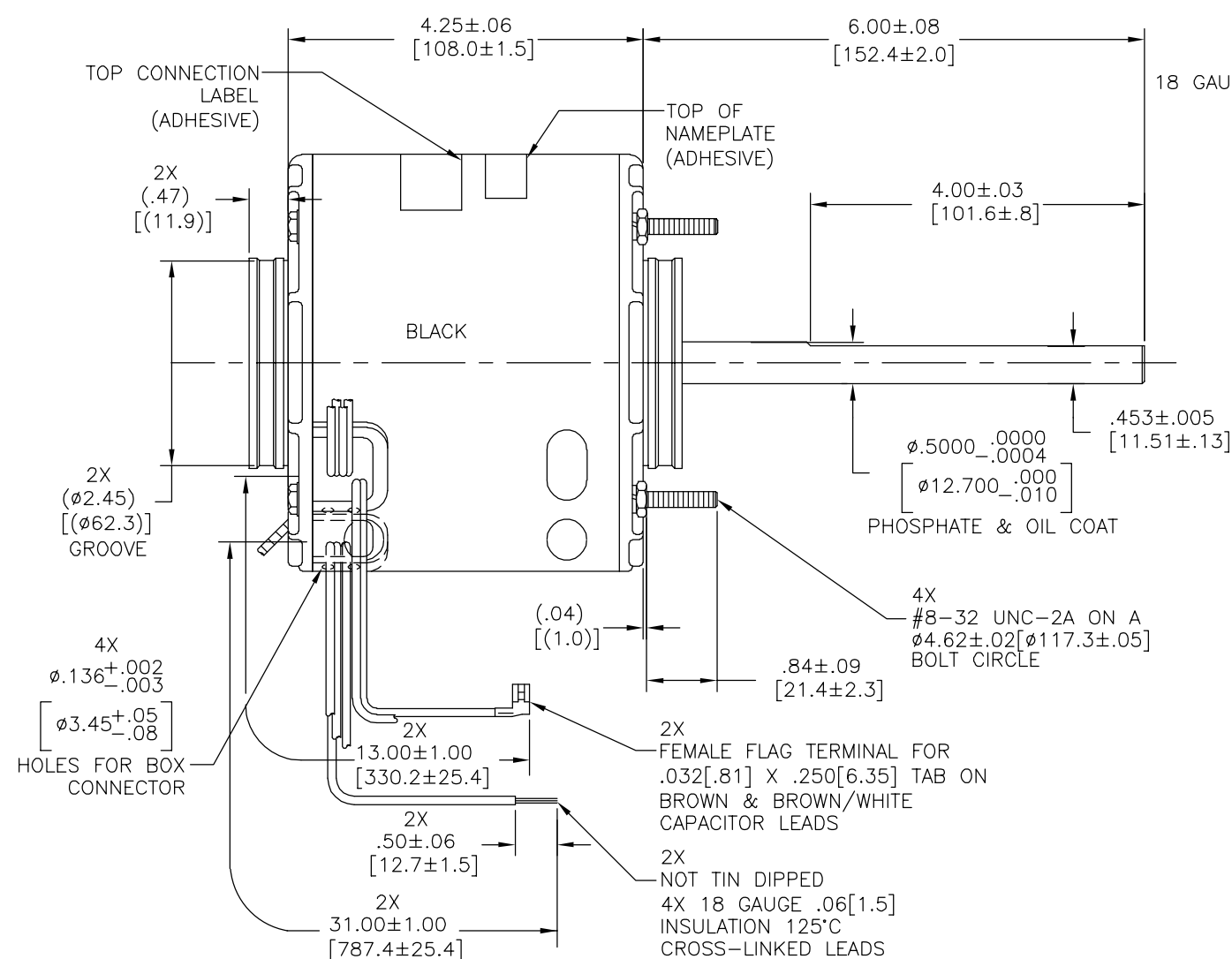
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.72 in	Frame Length	3.67 in
Shaft Diameter	0.500 in	Shaft Extension	6 in
Outline Drawing	9642-s01		

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CUSTOMER IS SOLELY RESPONSIBLE FOR MOTOR PERFORMANCE AND SUITABILITY IN APPLICATIONS FOR CUSTOMER'S USES.

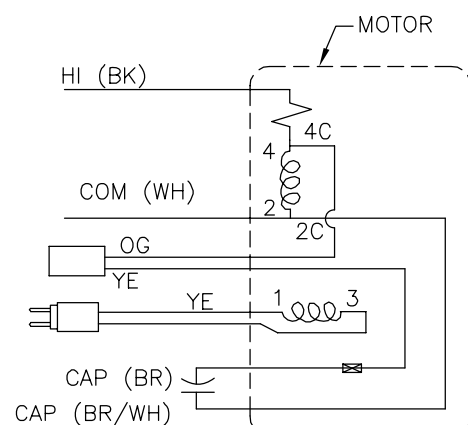
REV	ECO	REV BY	DATE	APPD	DATE
J	0029021	E.SINECIO	10-18-2012	G.ALVIDREZ	10-18-2012

END PLAY .005[.13] MINIMUM - .040[1.02] MAXIMUM
MAXIMUM SHAFT RUN OUT .001[.03] PER INCH
MAXIMUM RUN OUT NOT TO EXCEED .010[.25]



NOTE:
1. DISTRIBUTION PART NUMBER: 9642
GRAINGER PART NUMBER: 4MA98

SCHEMATIC-48



ELECTRICALLY PER
SAMPLE 0442937A
CURVE #32242

CONNECTION LABEL:
63T7432-298

CUSTOMER DISTRIBUTION
SERVICE

CCWLE	PLUG IN YELLOW LEAD TO ORANGE LEAD
CWLE	PLUG IN ORANGE LEAD TO ORANGE LEAD

ROT: REVERSIBLE

NAMEPLATE DATA:



Tipp City, OH
THERMALLY PROTECTED



SER. DATE & P0# PLT LTR MOD DE3H033N' ☐ ☐ ☐
VOLTS 115 HZ 60 AMPS 3.3
RPM 1075 SP PH1 CAP 7.5MFD 370VAC
INS CL BAMB 40°C HP 1/5 CONT AO ←ROT REV→
BRG SLV

ASSEMBLED IN MEXICO

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

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:

APPD:

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011
FORMAT REV H

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REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-RFHP-42FR
OUTLINE

SIZE

C

DWG NO

9642

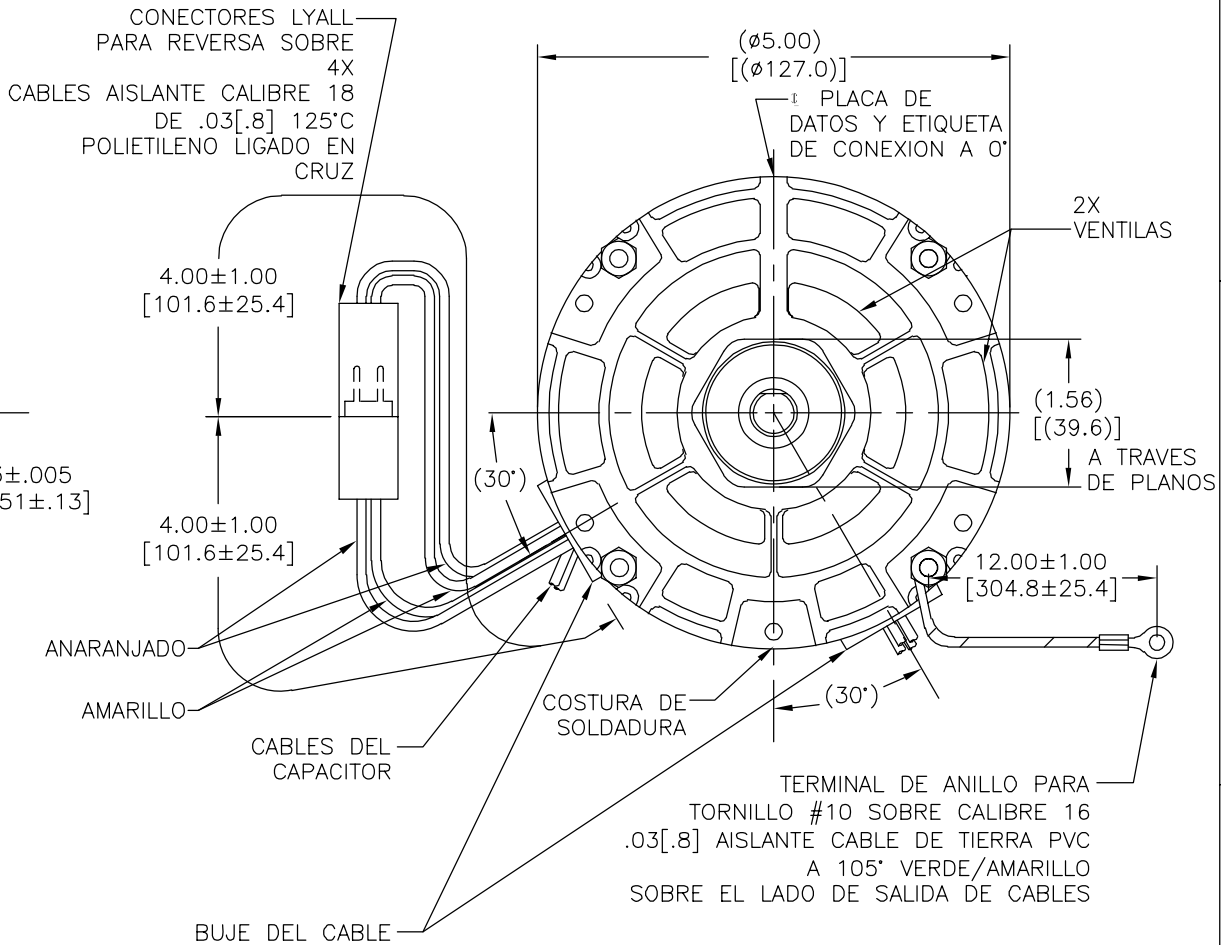
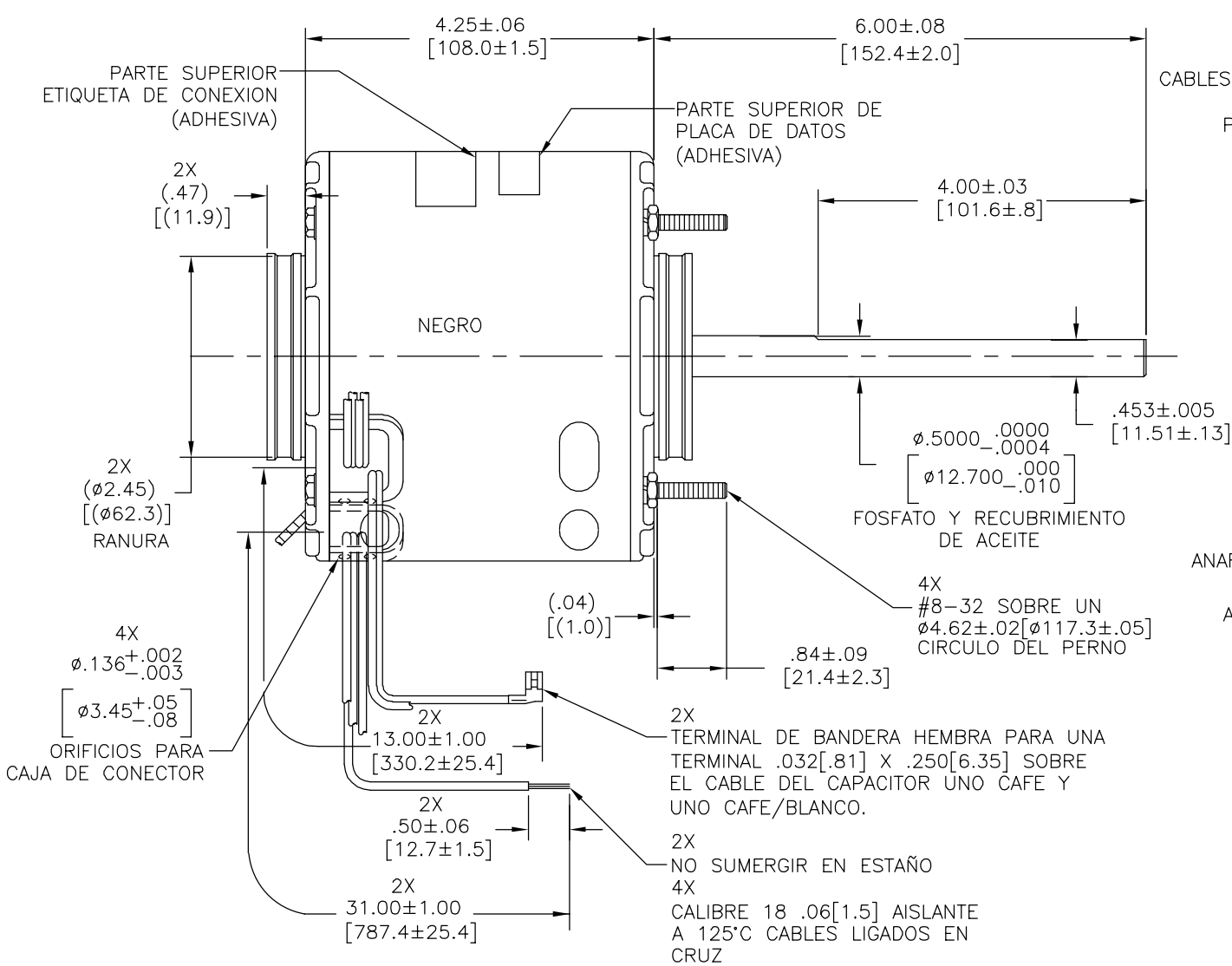
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SHEET 1

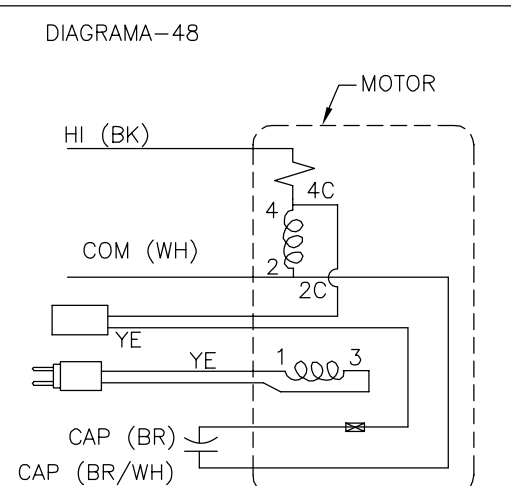
EL CLIENTE ES SOLO RESPONSABLE DEL RENDIMIENTO DEL MOTOR
Y APLICACIONES CONVENIENTES PARA LOS USOS DEL CLIENTE

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
J	0029021	E.SINECIO	10-18-2012	G.ALVIDREZ	10-18-2012

JUEGO AXIAL .005[.13]MINIMO - .040[1.02]MAXIMO
MAXIMA OSCILACION DE FLECHA .001[.03] POR PULG.
MAXIMA OSCILACION NO DEBE EXCEDER .010[.25]



NOTA:
1. NUMERO DE PARTE DE DISTRIBUTION: 9642
NUMERO DE PARTE GRAINGER: 4MA98



ELECTRICAMENTE DE ACUERDO A LA MUESTRA 0442937A CURVA #32242

ETIQUETA DE CONEXION: 63T7432-298

CCWLE	CONECTAR EN CABLE AMARILLO AL CABLE ANARANJADO
CWLE	CONECTAR EN CABLE AMARILLO A CABLE ANARANJADO

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

DIBUJADO POR:	
APROBADO POR:	
TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: H
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.	

ROT: REVERSIBLE

INFORMACION PLACA DE DATOS:

Century Tipp City, OH THERMALLY PROTECTED

SER. DATE & P0# PLT LTR MOD DE3H033N' ☐ ☐ ☐ ☐

VOLTS115 HZ 60 AMPS 3.3

RPM1075 SP PH1 CAP7.5MFD 370VAC

INS CL BAMB 40°C HP 1/5 CONT AO ←ROT REV→

BRG SLV

ASSEMBLED IN MEXICO

DESCRIPCION: MODEL-RFHP-42FR OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: 9642
ESCALA:NONE	HOJA: 1



ASSEMBLED IN MEXICO
