

PRODUCT INFORMATION PACKET

Model No: 559

Catalog No: 559

Fan and Blower Motor, 1/5-1/7-1/9-1/12 HP, 1 Ph, 60 Hz, 115 V, 1050 RPM, 4 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/5-1/7-1/9-1/12 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	115 V
Current	7.9 A	Speed	1050 rpm
Service Factor	1	Phase	1
Duty	Continuous Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

Technical Specifications

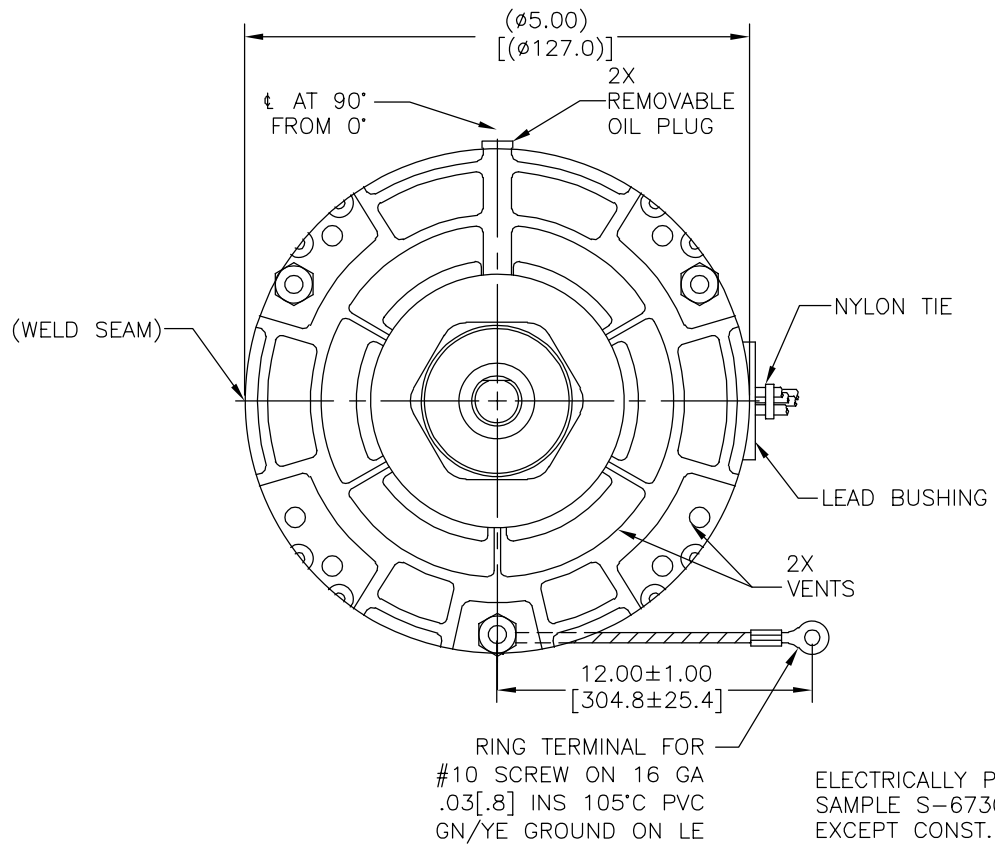
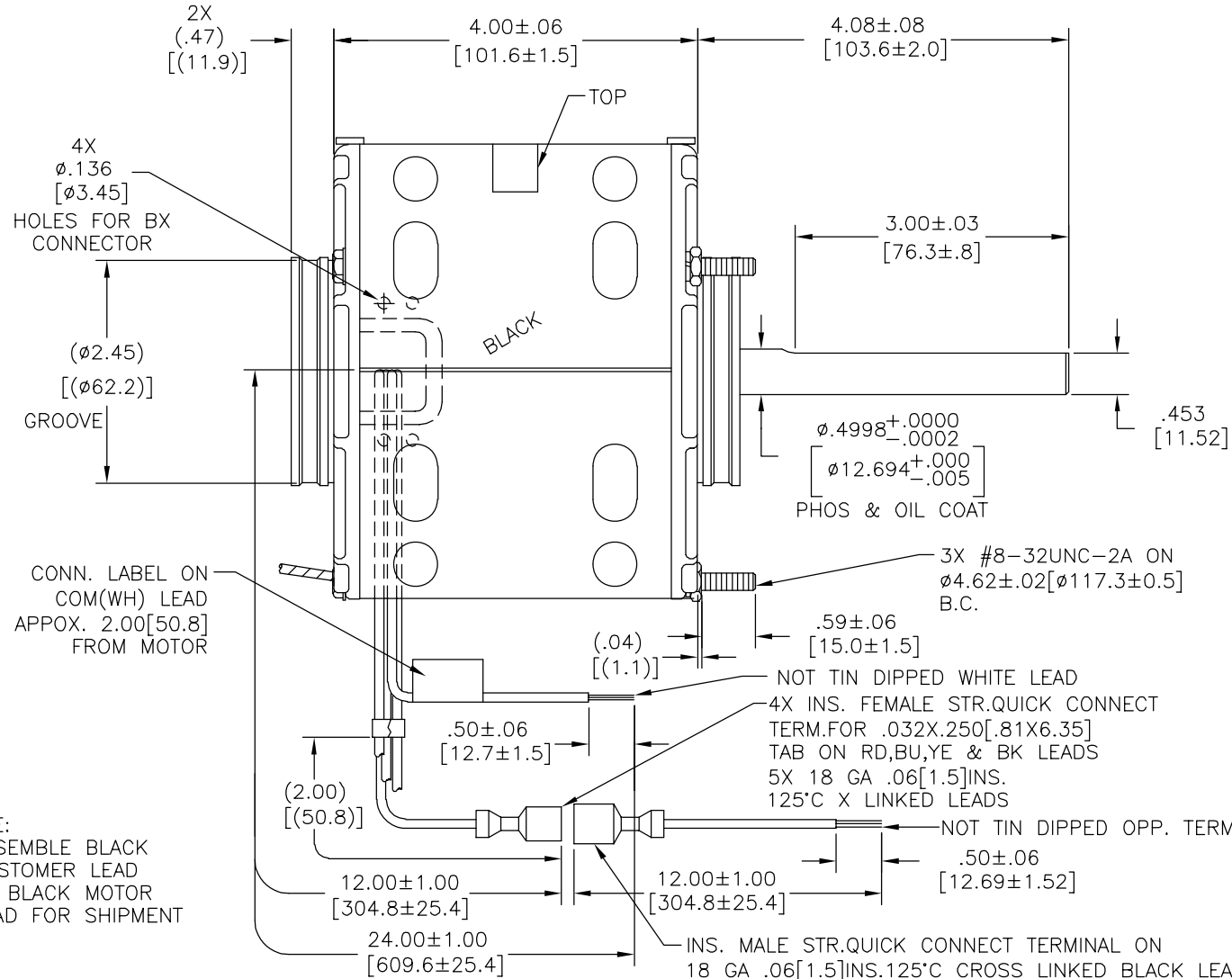
Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Shaft End
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	8.08 in	Frame Length	3.42 in
Shaft Diameter	0.500 in	Shaft Extension	4.08 in
Outline Drawing	DA3H7009-S01		

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

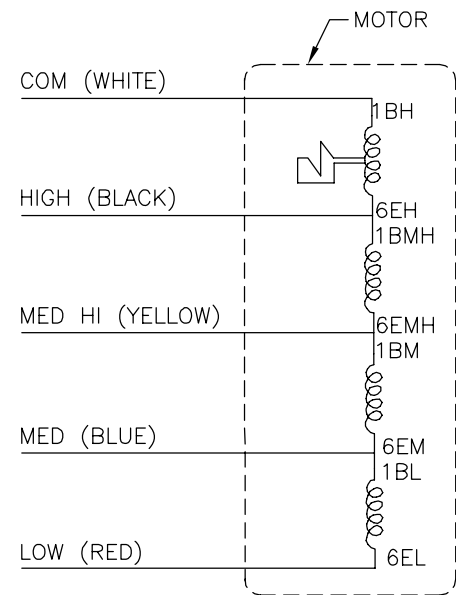
REV	ECO	REV BY	DATE	APPD	DATE
J	0028995	J.AGUILERA	10-25-2012	D.BALDERRAMA	10-25-2012

ENDPLAY .005[.13]MIN-.040[1.02]MAX
MAXIMUM SHAFT RUN OUT .001[.03]PER INCH
MAXIMUM RUN OUT NOT TO EXCEED .010[.25]



NOTE:
DISTRIBUTION: CUST. P/N: 559
GRAINGER: CUST. P/N: 4KA47

COLOR CODE	
BLACK	HIGH
YELLOW	MED HI
BLUE	MED
RED	LOW
WHITE	COM



SCHEMATIC-281

ROT: CCWLE-CWSE

NAMEPLATE DATA:



Tipp City, OH
THERMALLY PROTECTED



SER. DATE & P/N PLT LTR MOD DA3H009N"
VOLTS 115 HZ 60 AMPS 7.9
RPM1050 SP PH1 CAP
INS CLB AMB 40C HP CONT A.O. ← ROTATION →
BRG SLV BK-HI 7.9A 1/5HP
YE-MED HI 5.8A 1/7HP
BU-MED 4.3A 1/9HP
RD-LOW 3.5A 1/12HP
WH-COM
ASSEMBLED IN MEXICO

CONN.LABEL
63T7433-256

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:

APPD:

THIRD ANGLE PROJECTION

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REGAL

REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-RFHP-42FR
OUTLINE

SIZE

C

DWG NO

DA3H7009

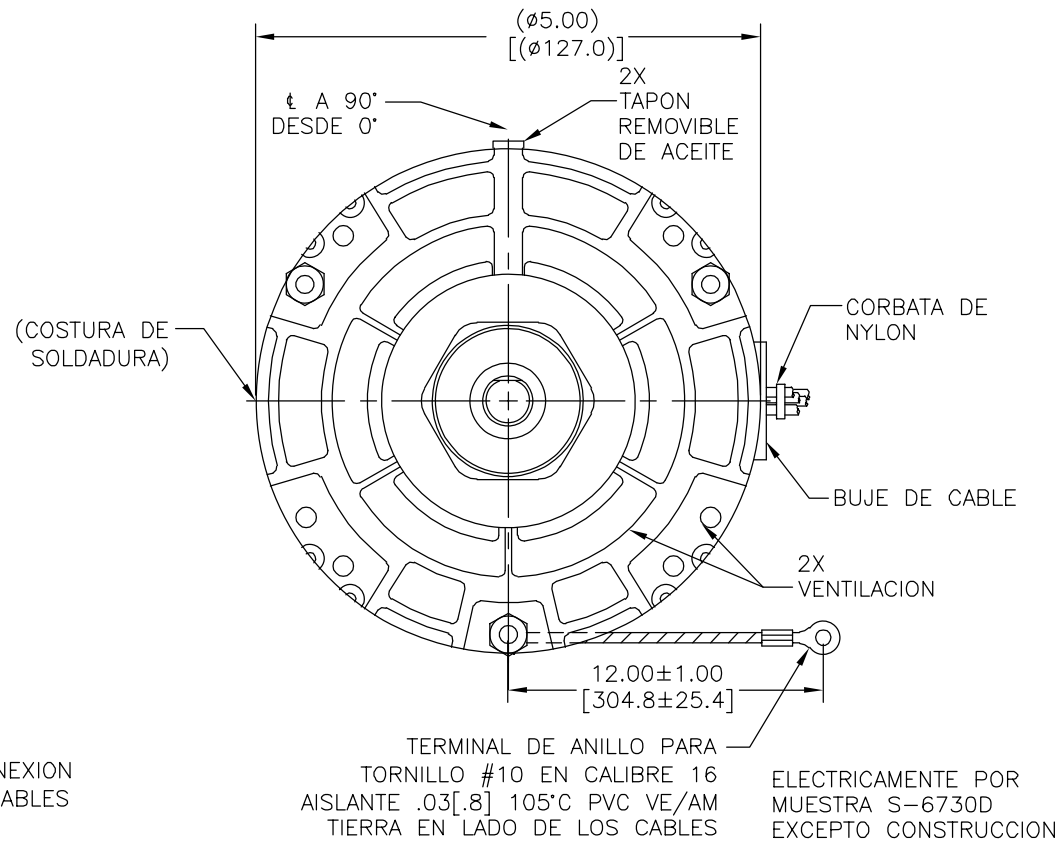
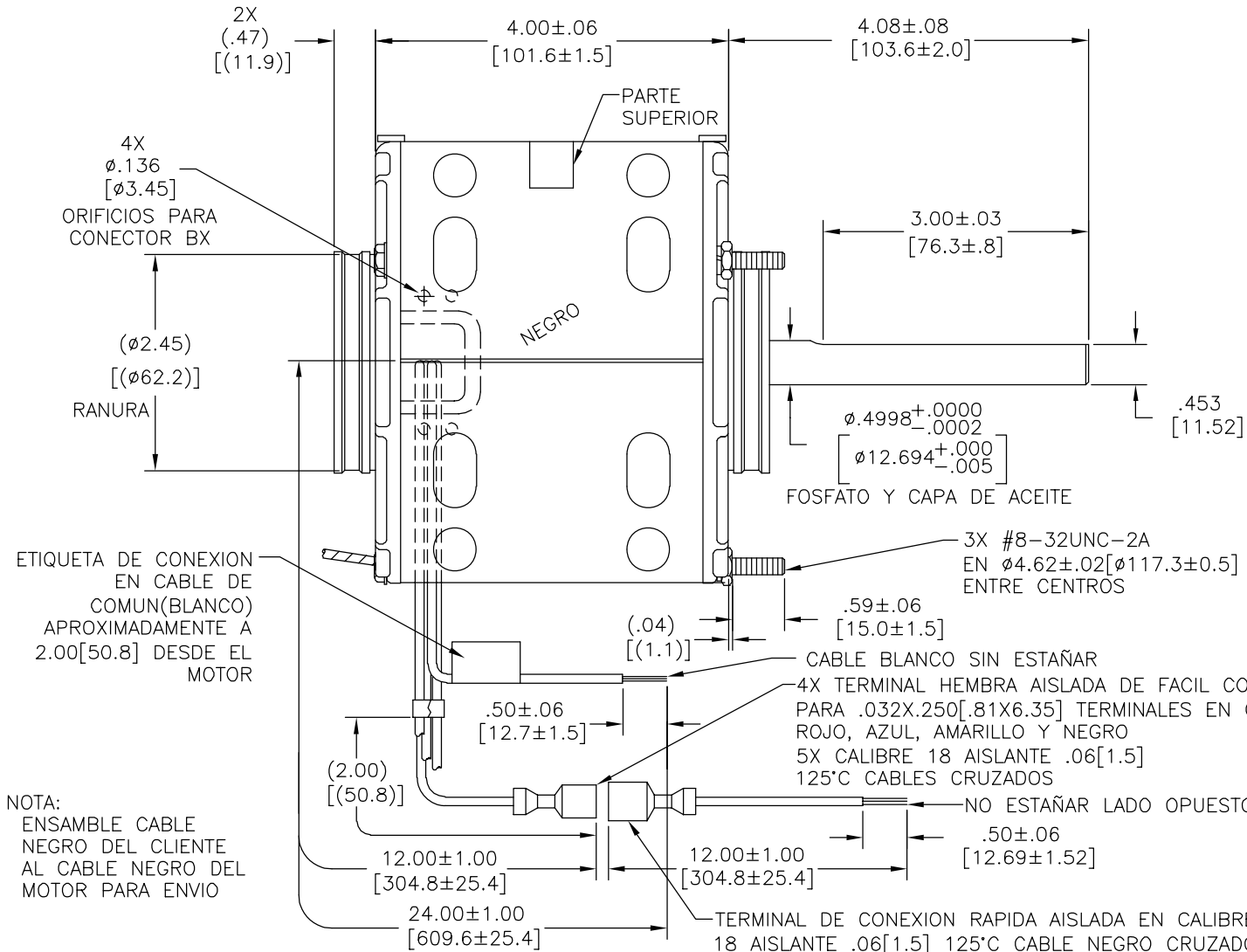
SCALE NONE

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	0028995	J.AGUILERA	10-25-2012	D.BALDERRAMA	10-25-2012

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



NOTA:
DISTRIBUTION: NUMERO DE PARTE DEL CLIENTE: 559
GRAINGER: NUMERO DE PARTE DEL CLIENTE: 4KA47

CODIGO DE COLOR	
NEGRO	ALTA
AMARILLO	MEDIA ALTA
AZUL	MEDIA
ROJO	BAJA
BLANCO	COMUN

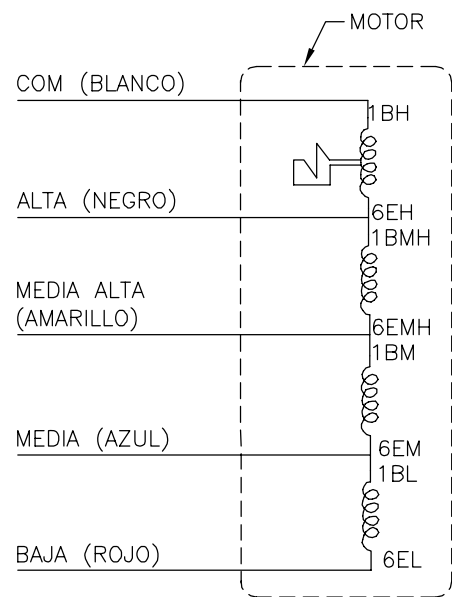


DIAGRAMA-281

ROTACION :- CCWLE-CWSE

PLACA DE DATOS



Tipp City, OH

THERMALLY PROTECTED



SER. DATE & P0# PLT LTR MOD DA3H009N"

VOLTS 115 HZ 60 AMPS 7.9

RPM1050 SP PH1 CAP

INS CLB AMB 40C HP CONT A.O. ← ROTATION →

BRG SLV BK-HI 7.9A 1/5HP

YE-MED HI 5.8A 1/7HP

BU-MED 4.3A 1/9HP

RD-LOW 3.5A 1/12HP

WH-COM

ASSEMBLED IN MEXICO

ETIQUETA DE CONEXION
63T7433-256

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:

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:

APROBADO POR: DRB

12-04-1998

FECHA EDS: 11-11-2011

REV. FORMATO: H

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REGAL-BELOIT CORPORATION

DESCRIPCION:

MODEL-RFHP-42FR
OUTLINE

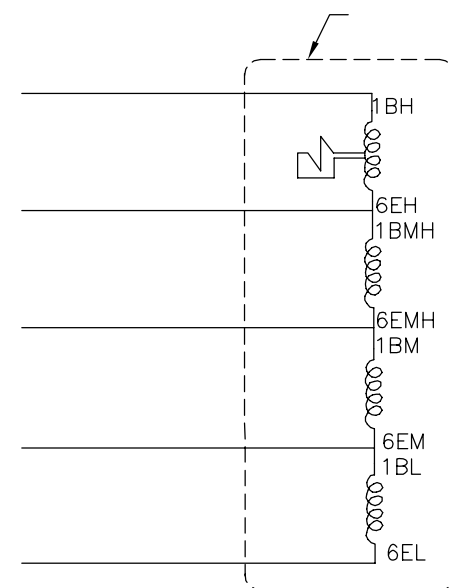
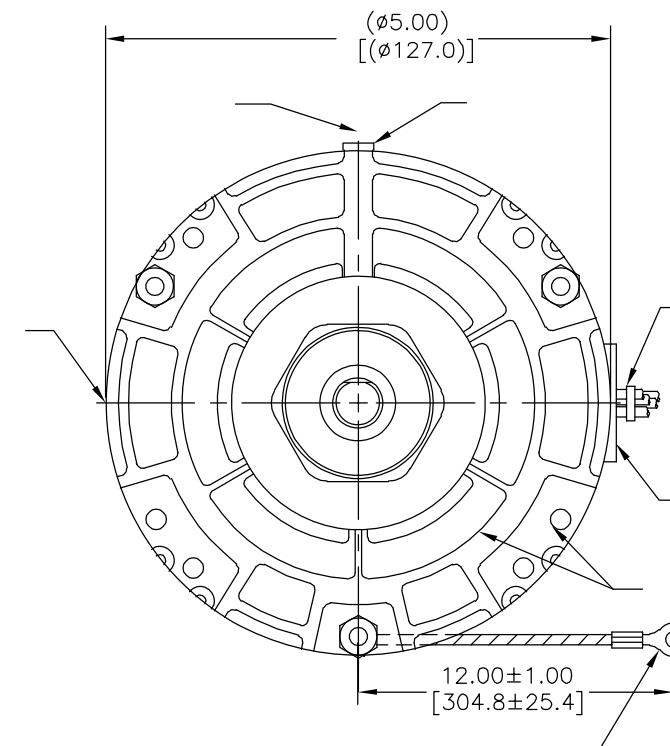
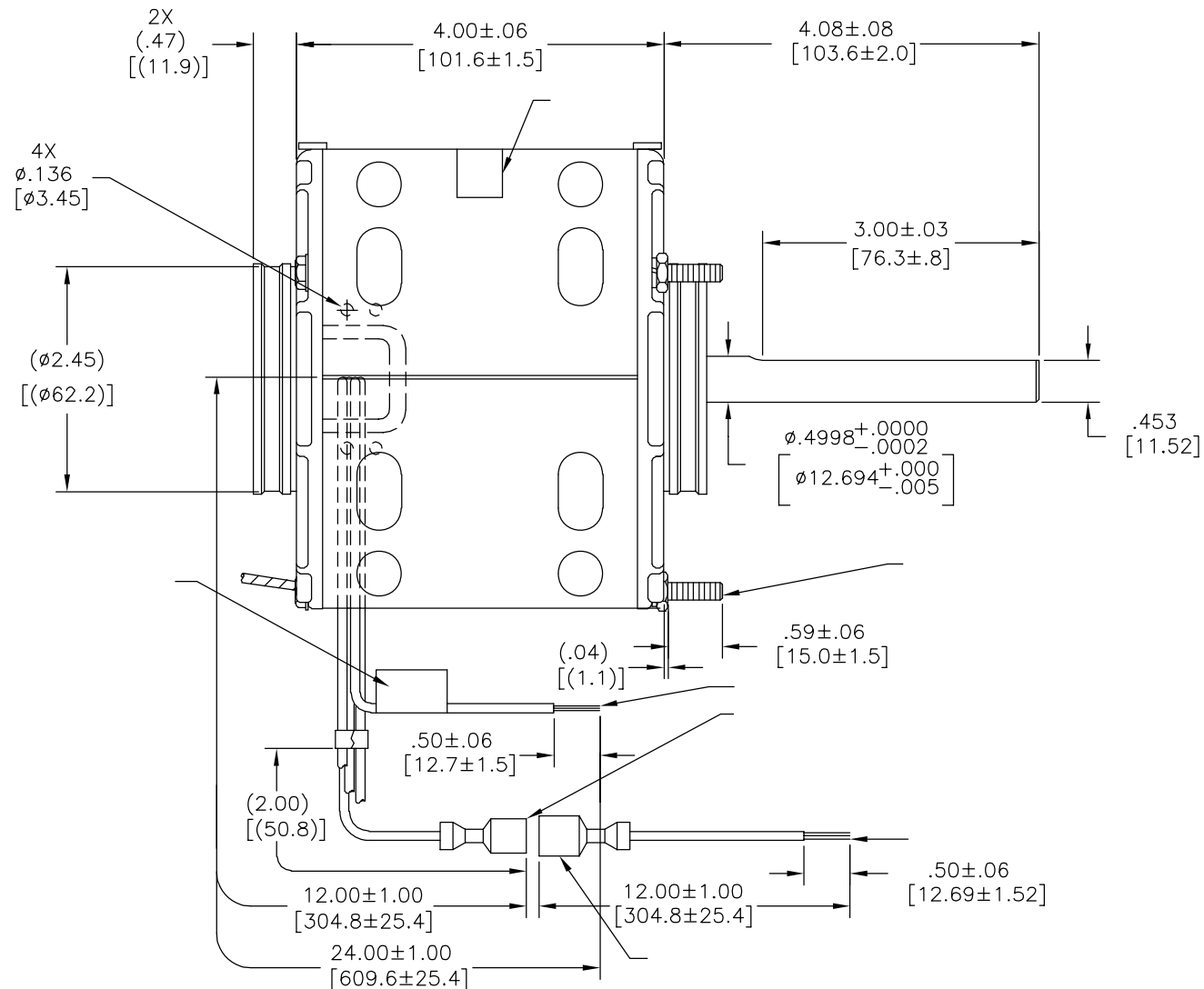
TAMAÑO: C

NUMERO DE DIBUJO: DA3H7009

ESCALA: NONE

HOJA: 1

版本	ECO	编制	日期	批准	日期
J	0028995	J.AGUILERA	10-25-2012	D.BALDERRAMA	10-25-2012



Tipp City, OH

THERMALLY PROTECTED



SER. DATE & P0# PLT LTR MOD DA3H009N"
VOLTS 115 HZ 60 AMPS 7.9
RPM1050 SP PH1 CAP
INS CLB AMB 40C HP CONT A.O. ← ROTATION →
BRG SLV BK-HI 7.9A 1/5HP
YE-MED HI 5.8A 1/7HP
BU-MED 4.3A 1/9HP
RD-LOW 3.5A 1/12HP
WH-COM

ASSEMBLED IN MEXICO

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 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:

批准:

DRB

12-04-1998

第三角投影



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图纸格式版本 H

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REGAL

REGAL-BELOIT CORPORATION

名称

MODEL-RFHP-42FR
OUTLINE

图幅

C

图号

DA3H7009

比例

NONE

页号

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