





**Nameplate Specifications**

Output HP	1/5 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	115 V
Current	4.0 A	Speed	1050 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	No	CSA	Y
CE	N	Number of Speeds	1

**Technical Specifications**

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Flexible Arms	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Na	Shaft Type	Flat
Overall Length	10.00 in	Shaft Diameter	0.500 in
Shaft Extension	5.6 in		
Outline Drawing	326P155-OL	Connection Drawing	261B865F01

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GENERAL INFORMATION:

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

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

BEARINGS: SELF-ALIGNING SLEEVE

MOUNTING: FLEX ARM. HORIZONTAL

NAMEPLATE-CONN. DIAG.: TO READ FROM LEAD OF MOTOR LOCATION BETWEEN F-1 AND F-3

WARNING STICKER: TO READ FROM LEAD OF MOTOR LOCATION BETWEEN F-1 AND F-3

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 304)  
NO. 18 GA., .06[1.5] THK., 125°C INSUL.

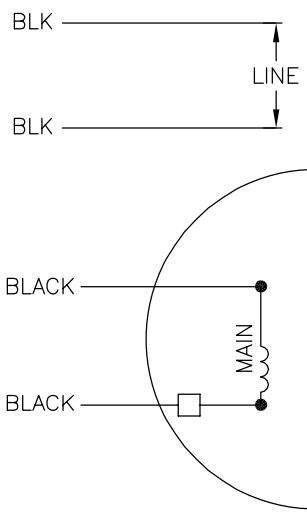
MODEL NO.:

CUSTOMER NAME/HP: 1/5

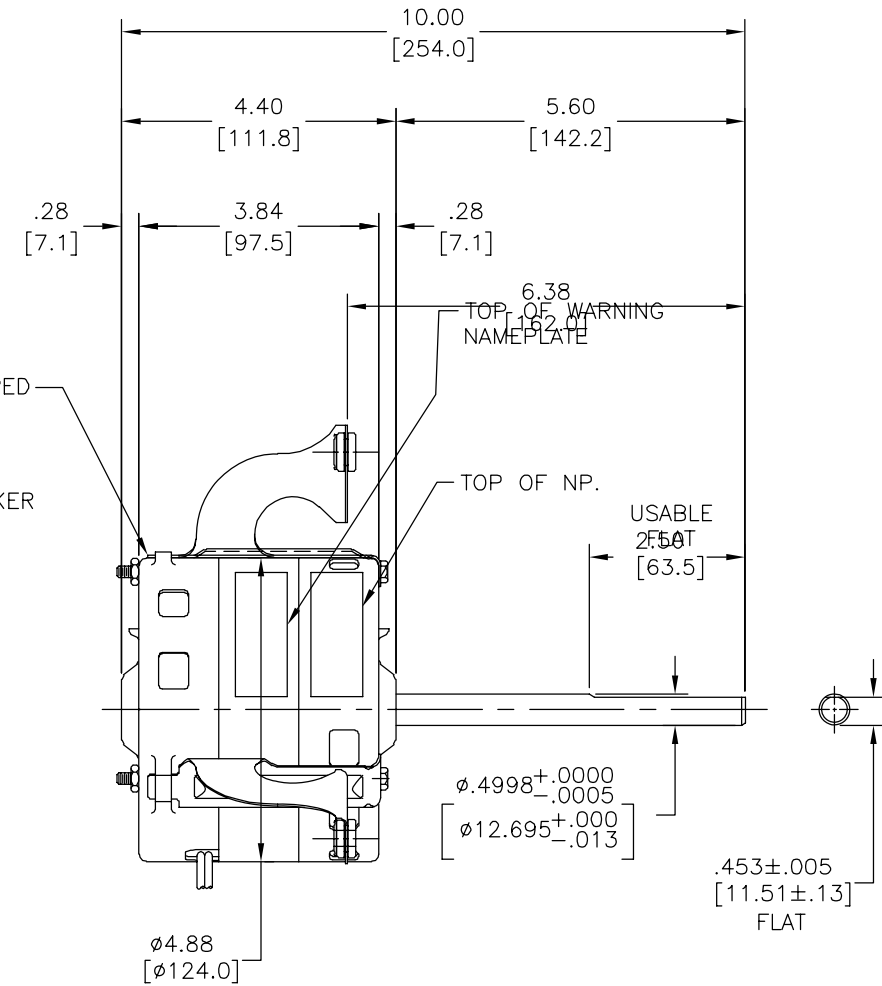
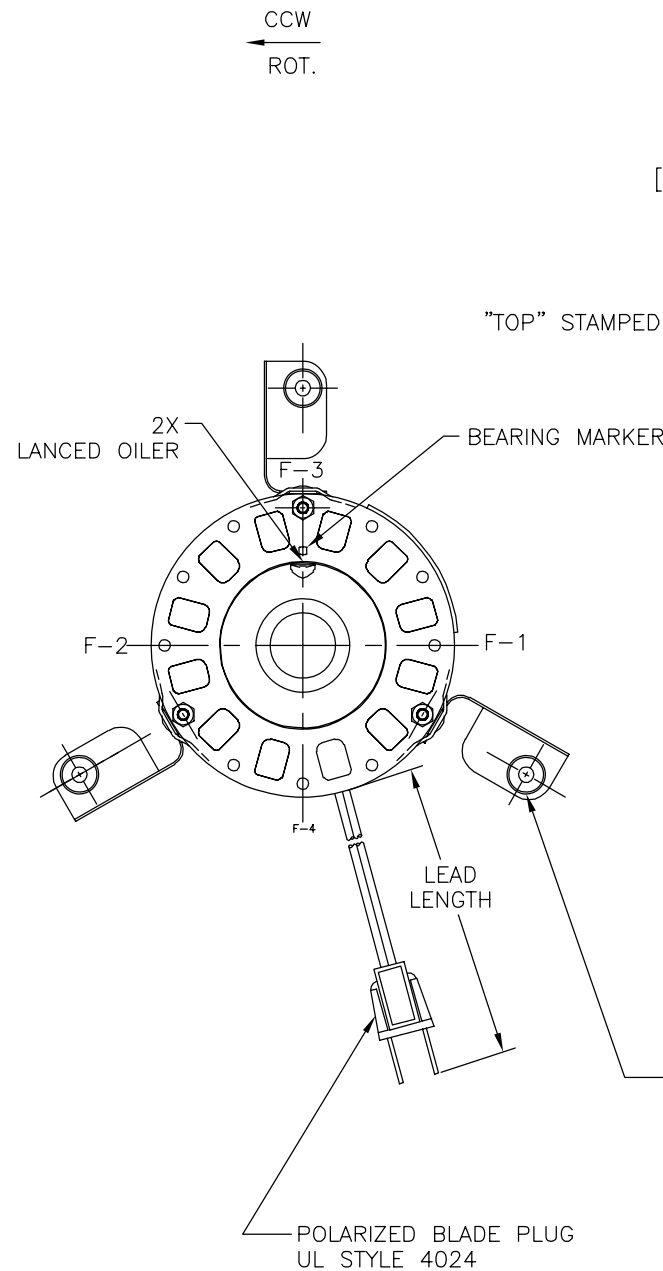
ROT.: -  
RPM: 1050 OML6433  
TYPE: FE  
FRAME: COWE  
VOLTS: 115  
PH: 1  
AMPS: 4.0  
HZ: 60  
INS.: B\*  
AMB.: 40° C  
DUTY:  
CODE: -  
CAP.: -  
CONT. AIR OVER

UL & CSA APPROVED

EXTERNAL CONNECTION DIAGRAM



REV	ECO	REV BY	DATE	APPD	DATE
E	0025556	F. MORENO	05-02-2012	M. AVILA	05-02-2012



3X MTG. ARMS WITH GROMMET AND BUSHING (0.25[06.4] MTG. HOLE) LOCATED ON A 08.26[209.8] B.C., 120° APART.

2 CONDUCTOR BLACK	20.0/22.0 [508/559]	PLUG
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

MAIN FRAME - OLE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - LE	OPEN

AMMO (SID HARVEY)  
CUSTOMER

PERFORMANCE CURVE NO.	TORQUE @ 1050 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	CCN #	CSA FILE #	CLASS #
C30091	14.8 OZ. FT.	A7136B	E46412	PRGY2	LR43341	4211-01

GEOMETRIC CHARACTERISTICS & SYMBOLS  
 □ FLATNESS  
 - STRAIGHTNESS  
 < ANGLARITY  
 ⊥ 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: HEATH 04-15-1988  
 APPD:  
 THIRD ANGLE PROJECTION  
 EDS DATE 11-11-2011  
 FORMAT REV G  
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REGAL-BELOIT CORPORATION  
 DESCRIPTION: MODEL-RFHP-48FR OUTLINE  
 SIZE: C DWG NO: 326P155-0L  
 SCALE: NONE SHEET: 1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
E	0025556	F. MORENO	05-02-2012	M. AVILA	05-02-2012

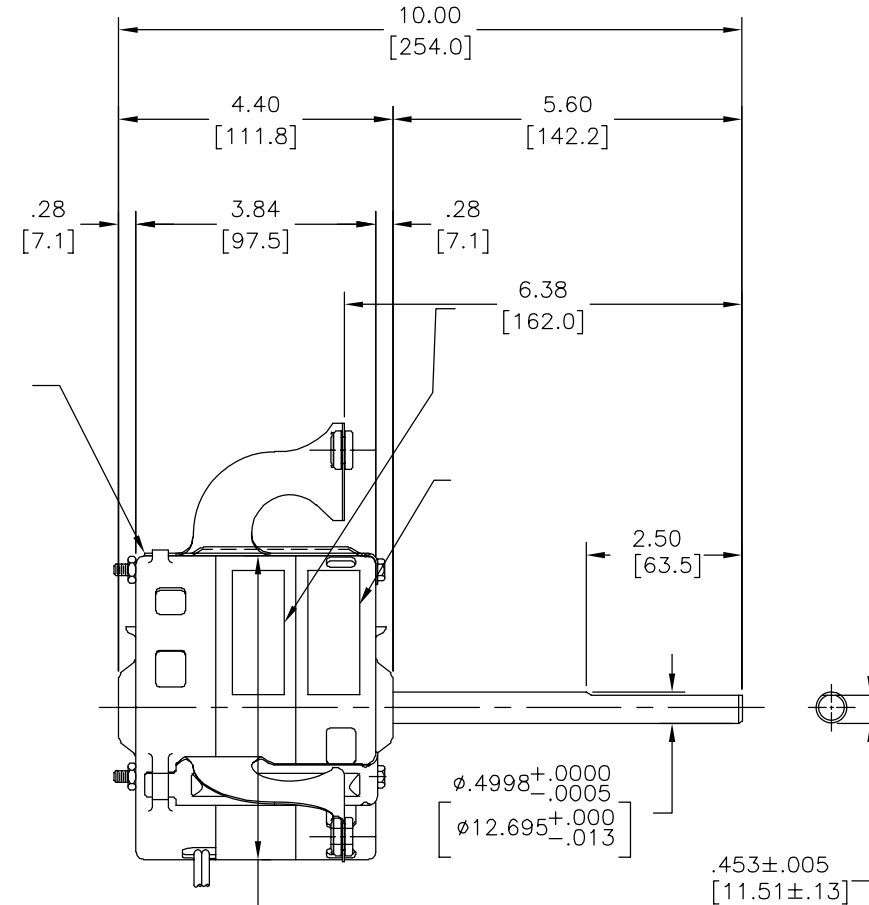
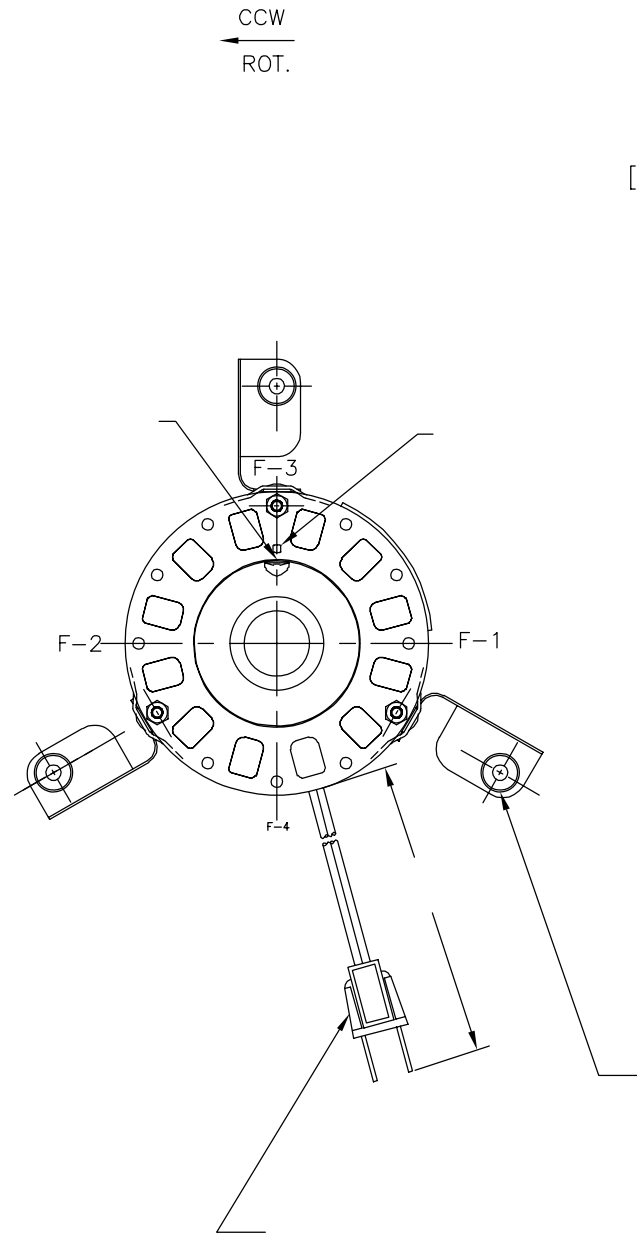
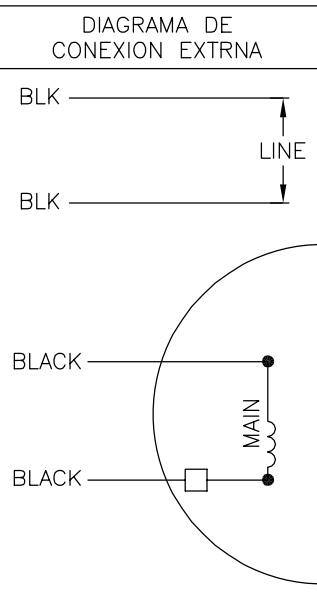
INFORMACION GENERAL:

OSCILACION DE FLECHA: -  
 BALEROS: -  
 POSICION DEL MONTAJE: -

INFORMACION ELECTRICA:

PROTECTOR DE SOBRECARGA: -  
 CABLE DE TIERRA: -

MODEL NO.:  
 CUST. # INFORMACION HP: 1/5 ETIQUETA:  
 ROT.: -  
 RPM: 1050 OML6433  
 TYPE: FE  
 FRAME: COWE  
 VOLTS: 115  
 PH: 1  
 AMPS: 4.0  
 HZ: 60  
 INS.: B\*  
 AMB.: 40° C  
 DUTY:  
 CODE: -  
 CAP.: -  
 CONT. AIR OVER  
 UL & CSA APPROVED



CURVAS DE FUNCIONAMIENTO	TORSION @ 1050 RPM (25°C)	MUESTRA APROBADA	COMPONENTE UL	# ARCHIVO	CLASE #
C30091	14.8 OZ. FT.	A7136B	E46412 PRGY2	LR43341	4211-01

COLOR	LONGITUD	TERMINAL O LONGITUD DE DESFORRE
-	20.0/22.0 [508/559]	-

CARCASA - LOC	-
TAPA - LOC	-
CARCASA - LC	-
TAPA - LC	-

AMMO (SID HARVEY)  
 CLIENTE

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

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 DIMENSIONES SIN TOLERANCIA SON DE REFERENCIA SOLAMENTE

DIBUJADO POR: HEATH 04-15-1988  
 APROBADO POR:  
 TERCER ANGULO DE PROYECCION  
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REGAL-BELOIT CORPORATION  
 DESCRIPCION: MODEL-RFHP-48FR OUTLINE  
 TAMAÑO: C NUMERO DE DIBUJO: 326P155-0L  
 ESCALA: NONE HOJA: 1

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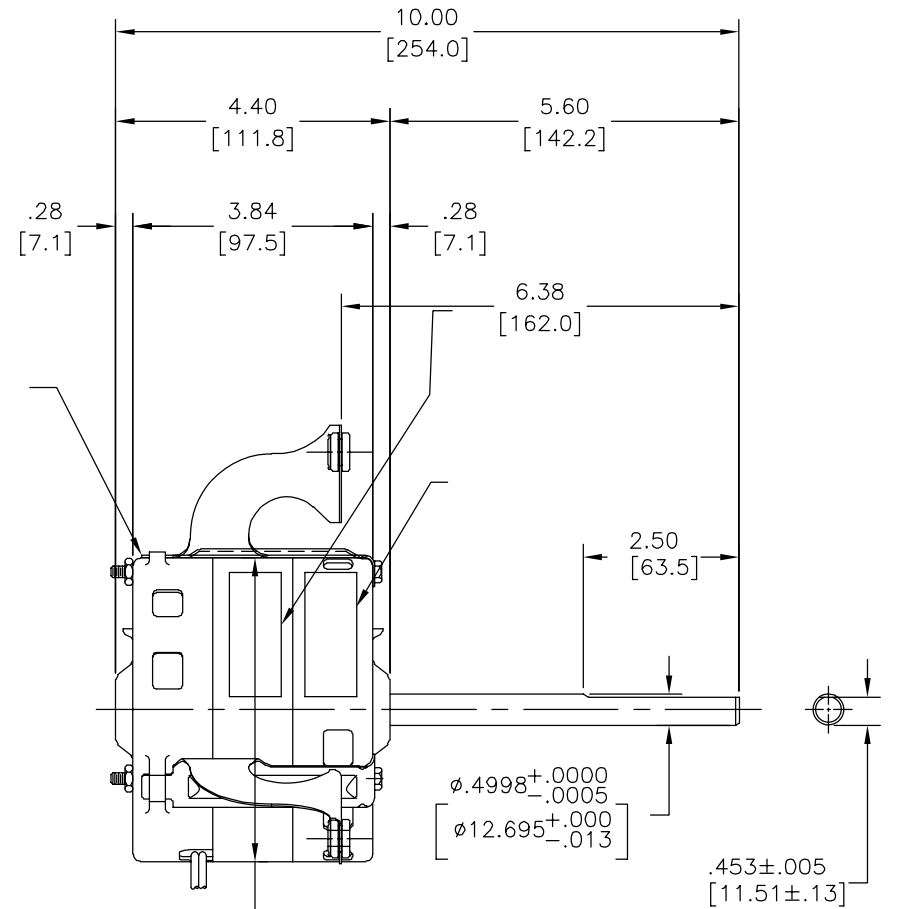
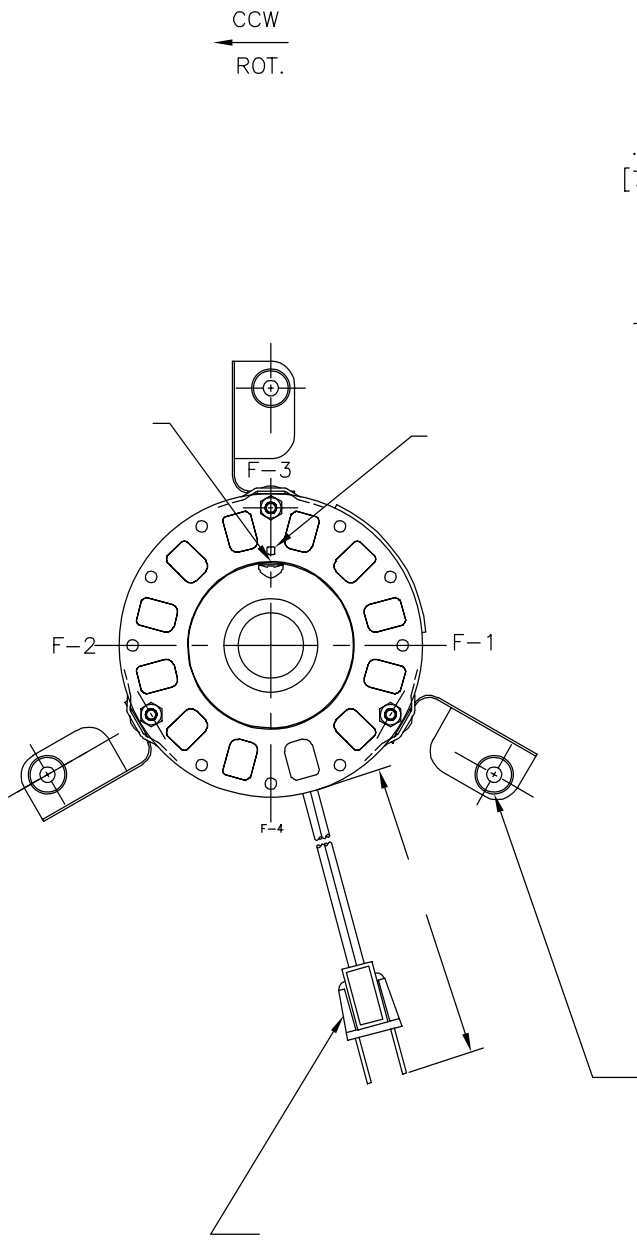
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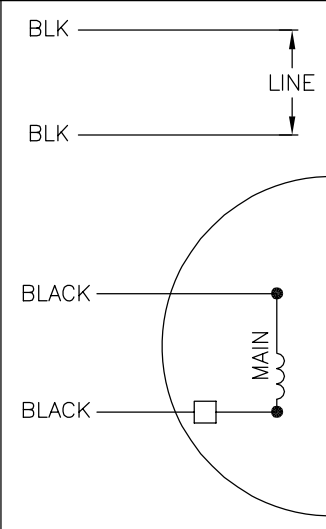
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版本	ECO	编制	日期	批准	日期
E	0025556	F. MORENO	05-02-2012	M. AVILA	05-02-2012

总技术要求:  
 轴跳动:  
 轴承:  
 安装位置:  
 电气数据:  
 过载保护:  
 引线:  
 接地线:



MODEL NO.:	外部数据线
CUST. P/N: 1/5	BLK
HP: 1/5	LINE
ROT.: -	BLK
RPM: 1050 OML6433	
TYPE: FE	
FRAME: COWE	
VOLTS: 115	
PH: 1	
AMPS: 4.0	
HZ: 60	
INS.: B*	
AMB.: 40° C	
DUTY:	
CODE: -	
CAP.: -	
CONT. AIR OVER	
UL & CSA APPROVED	



性能曲线编号	转矩在 @ RPM (25° C)	批准样品	UL部件	文件号	CSA
C30091	14.8 OZ. FT.	A7136B	E46412 PRGY2	LR43341	4211-01

无引线端机壳	
无引线端盖	
有引线端机壳	
有引线端盖	

AMMO (SID HARVEY)	用户
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- 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

REGAL-BELOIT CORPORATION (RBC) 在个别领域为客户提供技术支持。鉴于RBC未收到任何涉及电机使用和应用环境的数据，电机的适用性由客户自己决定。

未注公差尺寸仅供参考。

ASME Y14.5M 1994

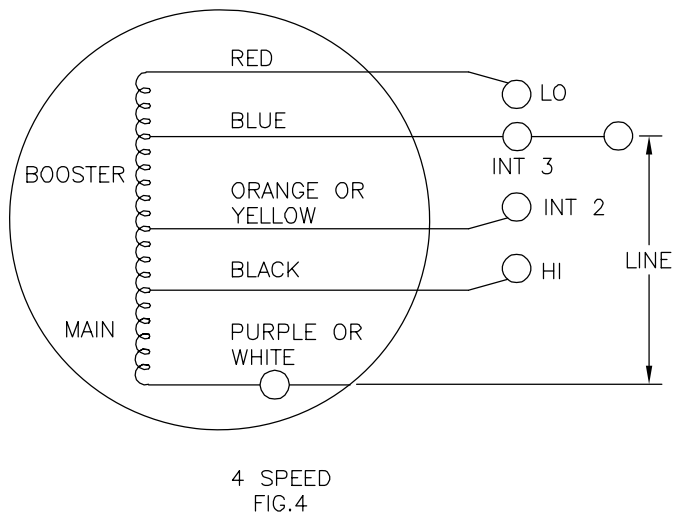
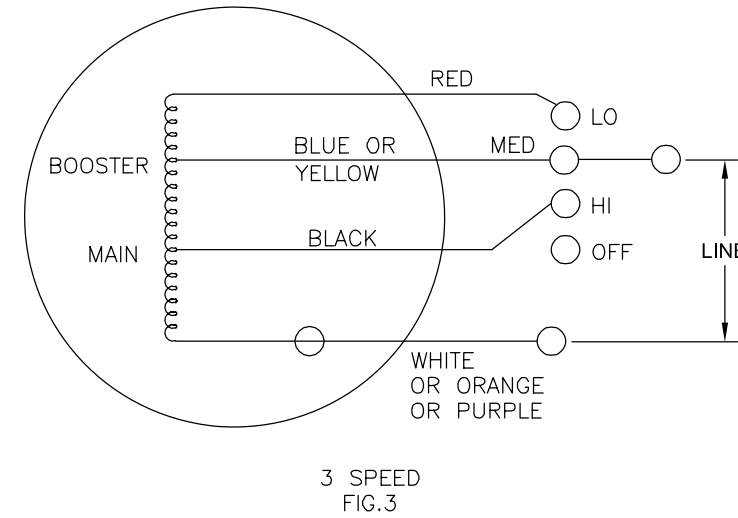
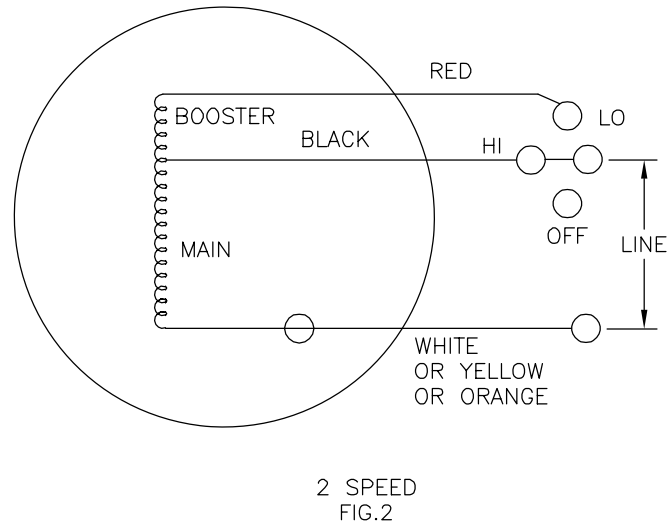
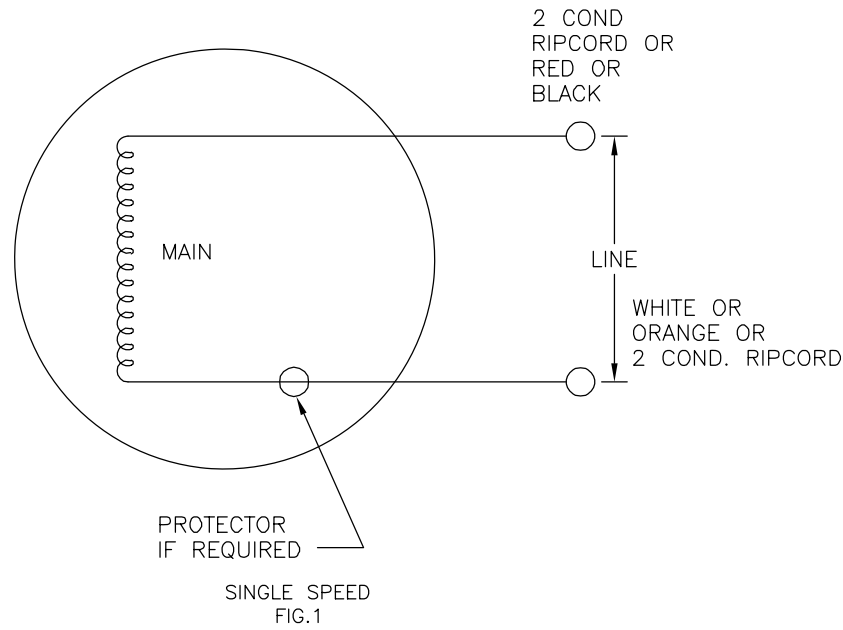
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批准:	
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名称		REGAL-BELOIT CORPORATION	
MODEL-RFHP-48FR		OUTLINE	
图幅 C	图号 326P155-0L	比例 NONE	页号 1

4 3 2 1

REV	ECO	REV BY	DATE	APPD	DATE
T	ECO-0018824	J.HESS	04-15-2011	J.HESS	04-15-2011

FOR SINGLE SPEED ONLY  
COLOR OF LEADS TO BE OPTIONAL



QUALITY CONTROL NOTE:  
TO CHECK THE WINDINGS FOR OPENS VERIFY THE CONTINUITY AS OUTLINED BELOW.  
FIG.1 BETWEEN WHITE AND BLACK OR WHITE & RED LEADS  
FIG.2, 3 & 4, BETWEEN THE WHITE & RED LEADS.

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	±.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:	KLINE	10-24-1966
APPD:	RDS	10-27-1966
THIRD ANGLE PROJECTION		EDS DATE 02-22-2008 FORMAT REV F
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		<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPTION CONN DIAGRAM-EXTERNAL			
SIZE C	DWG NO 261B865F01	SHEET 1	
SCALE NONE			

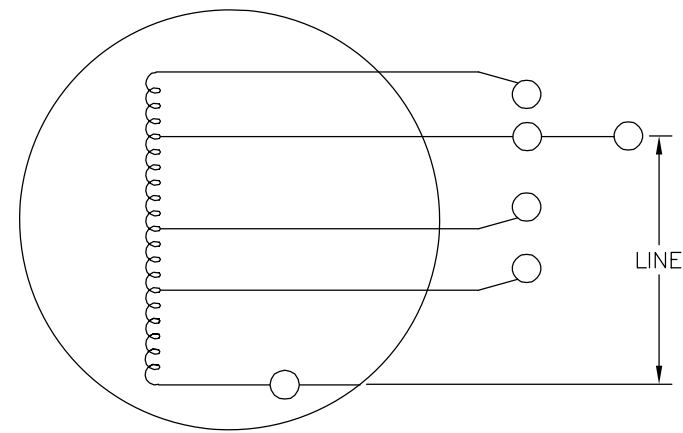
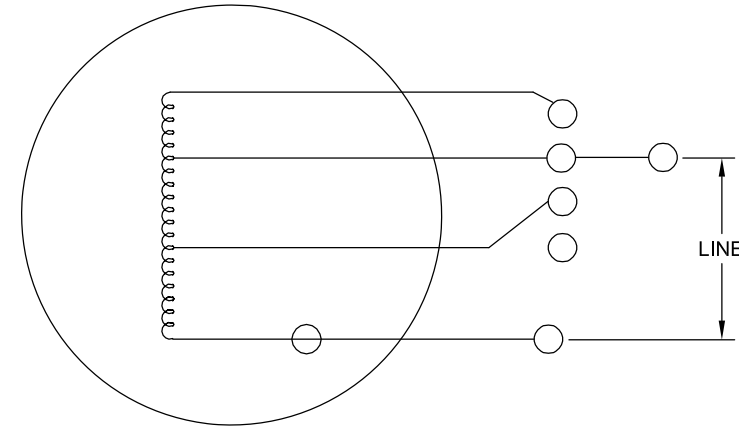
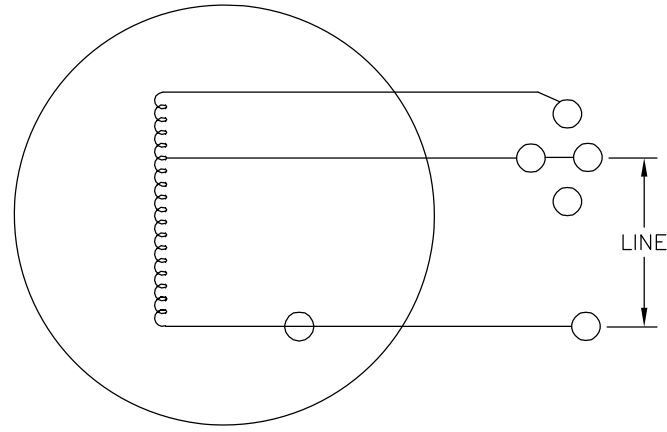
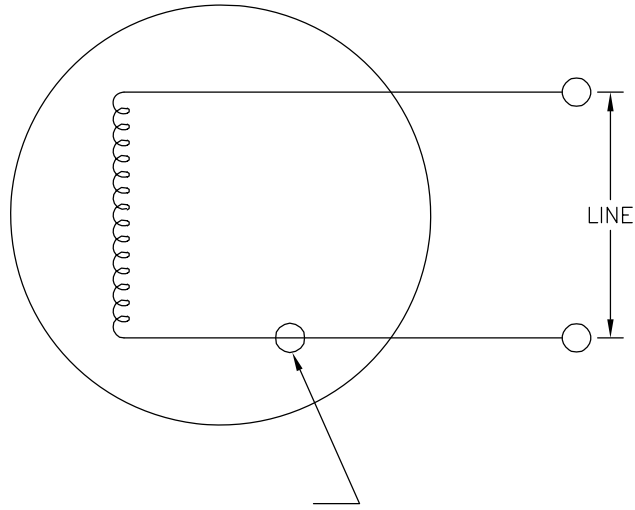
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
T	ECO-0018824	J.HESS	04-15-2011	J.HESS	04-15-2011



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:

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 .32

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	KLINE	10-24-1966
APROBADO POR:	RDS	10-27-1966
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 02-22-2008 REV. FORMATO: F
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<b>ACSmith</b> <small>Innovation has a name.</small>		<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPCION: CONN DIAGRAM-EXTERNAL			
TAMAÑO: C	NUMERO DE DIBUJO: 261B865F01		
ESCALA:NONE			HOJA: 1

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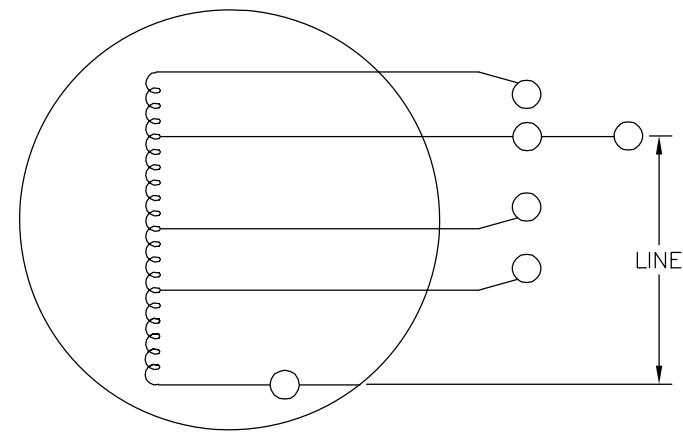
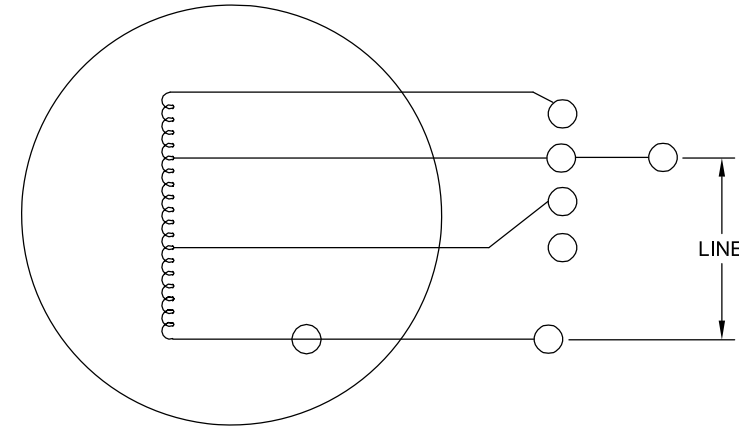
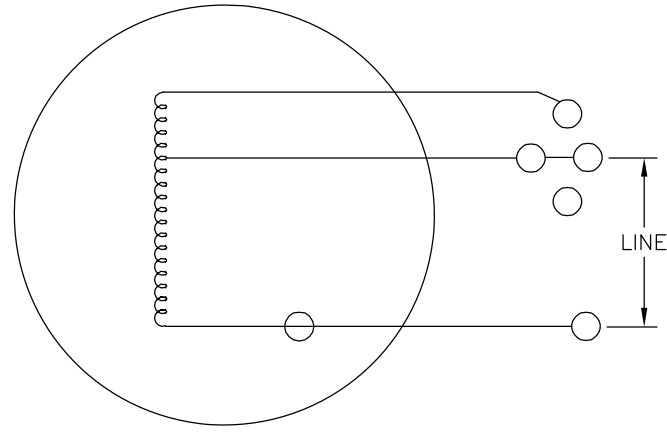
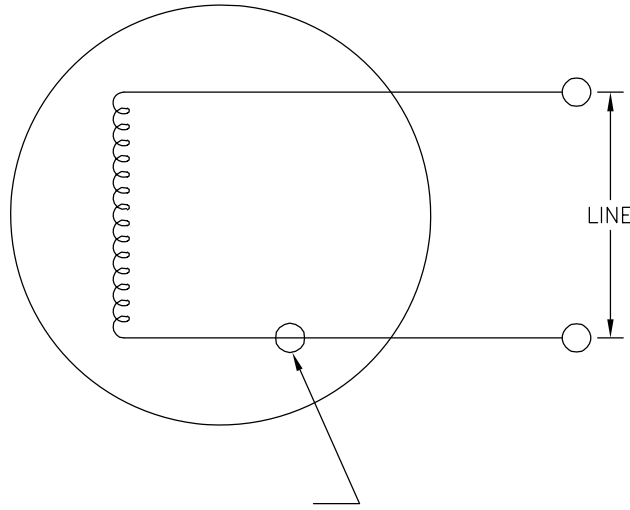
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版本	ECO	编制	日期	批准	日期
T	ECO-0018824	J.HESS	04-15-2011	J.HESS	04-15-2011



形位公差
□ 平面度
— 直线度
∠ 倾斜度
⊥ 垂直度
// 平行度
○ 圆度
⊙ 圆柱度
∩ 内圆角
△ 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
毫米 ±0.1 ±0.02 ±0.005 ±0.0005
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:	KLINE	10-24-1966
批准:	RDS	10-27-1966
第三角投影		图纸格式发布日期 02-22-2008 图纸格式版本 F
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ASME Y14.5M 1994		

<b>ACSmith</b> Innovation has a name.		<b>ELECTRICAL PRODUCTS COMPANY</b> A DIVISION OF A. O. SMITH CORPORATION	
名称 CONN DIAGRAM-EXTERNAL			
图幅	C	图号	261B865F01
比例	NONE	页号	1

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