

PRODUCT INFORMATION PACKET



Model No: ONR6406

Catalog No: ONR6406

OEM Replacement Motor, 1/8 HP, 1 Ph, 60 Hz, 115 V, 1050 RPM, 1 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/8 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	115 V
Current	6.0 A	Speed	1050 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	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	8.02 in	Shaft Diameter	0.500 in
Shaft Extension	4.2 in		
Connection Drawing	261B865F01	Outline Drawing	11692-032

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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]

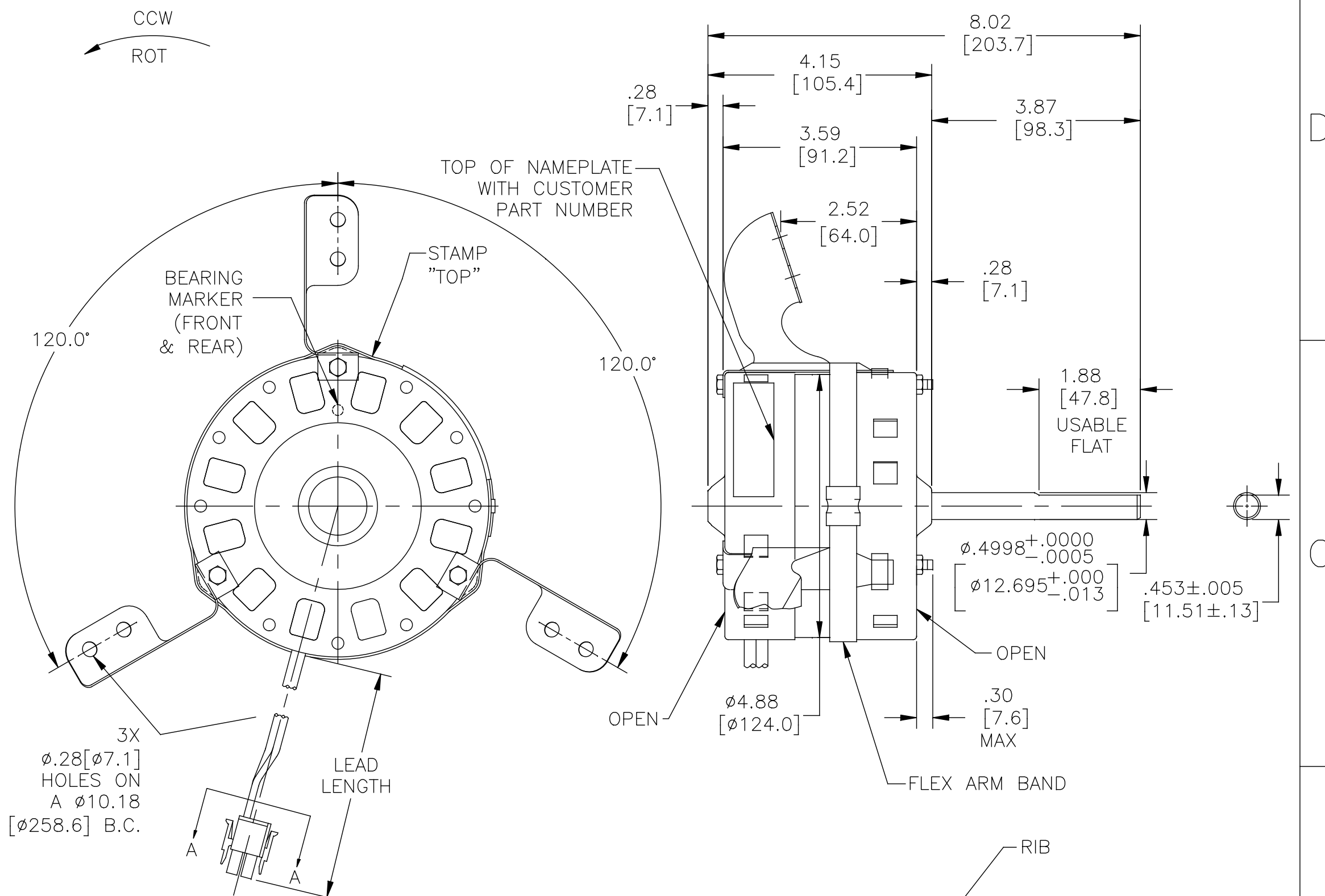
BEARINGS: SLEEVE

MOUNTING POSITION: HORIZONTAL

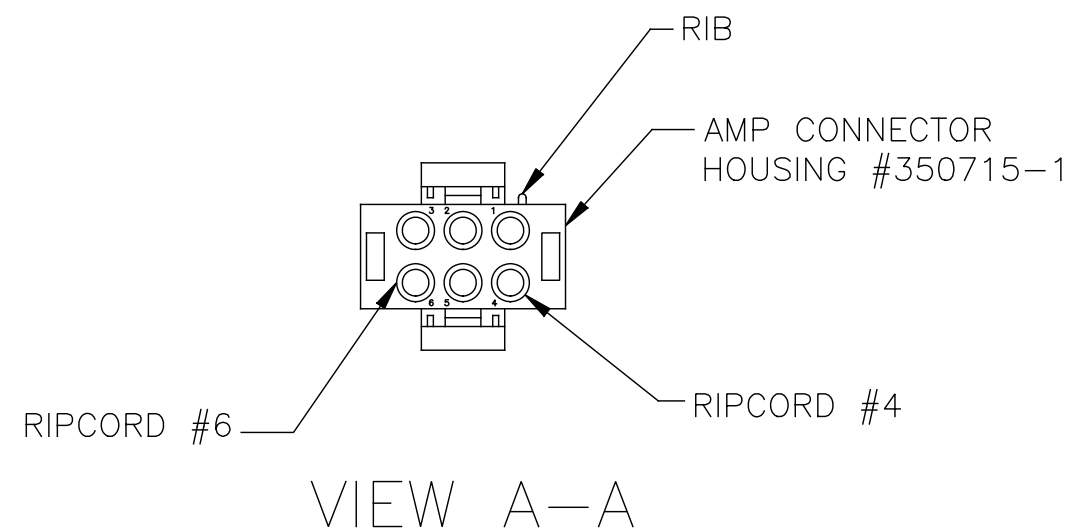
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 034)

LEADS: NO. 18 GA., .06[1.5] THK., EPDM 125°C INSULATION



NOTE:
1. PIN TERMINAL CRIMP HEIGHT TO BE .052±.002[1.32±.05]



NAMEPLATE DATA:		EXTERNAL CONNECTION DIAGRAM	
MODEL NO.: 326P113 CUST. P/N: ONR6406 HP: 1/8 ROT.: CCWLE RPM: 1050 TYPE: FE FRAME: 42Y VOLTS: 115 PH: 1 AMPS: 6.0 HZ: 60 INS.: A AMB.: 40° C DUTY: AIR COVER CAP.: - ENCL: - UL LOGO CSA LOGO THERMALLY PROTECTED TYPE C			

2 CONDUIT RIPCORD	16.0/18.0 [406/457]	PIN AMP 350700-1
	16.0/18.0 [406/457]	PIN AMP 350700-1
COLOR	LENGTH	TERMINAL OR STRIP LENGTH
LEAD DATA		

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

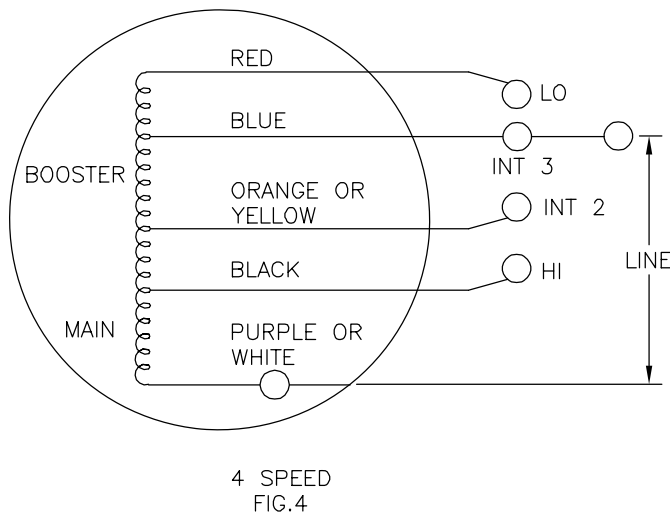
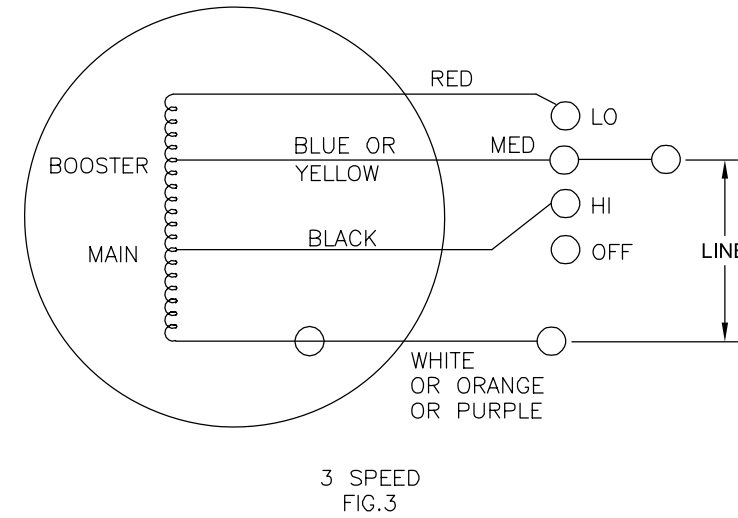
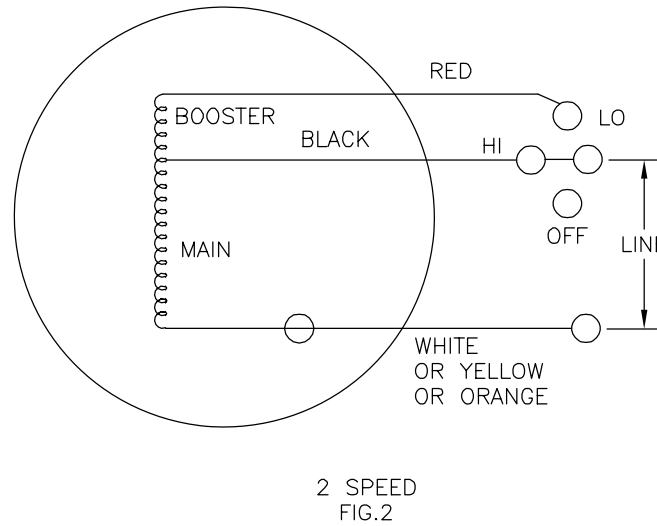
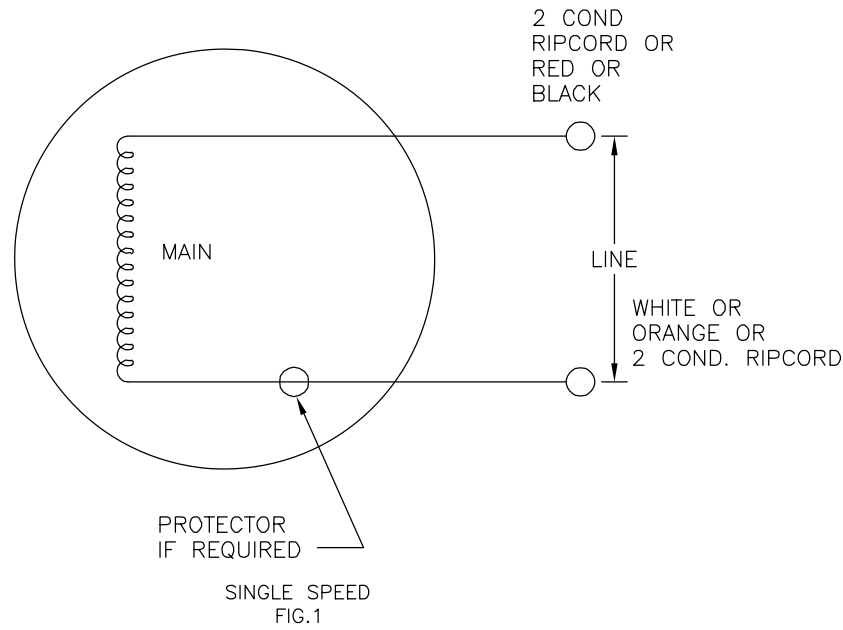
CUSTOMER	DISTRIBUTION SERVICES
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PERFORMANCE CURVE NO.	TORQUE @ 1050 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C30115	10.0 OZ. FT.	PSE7155	E46412	PRGY2	LR43341	4211-01

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	REGAL™ Regal Beloit America, Inc.	
D	N.HONG	12-06-2016	DEC. INCH mm ANGLE	WBH		
ECO	APPROVED BY	DATE	.XX ±0.1 [±2.5] ±0.5°	DATE:	DESCRIPTION	
ECO-0114284	C.ZHOU	12-06-2016	.XX ±0.02 [±0.51]	04-18-1998		MODEL-RFHP-48FR
ECO DESCRIPTION			.XXX ±0.005 [±0.127]	APPROVED BY:	OUTLINE	
SEE ECO			.XXXX ±0.0005 [±0.0127]	TPR		
			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381]	DATE:	MATERIAL	PROCESS/FINISH
			CORNER FILLETS .02 [.51]	04-18-1998		
			MACHINED SURFACES 125/3.2	REFERENCE		
			mm SHOWN IN [BRACKETS]		SIZE DWG NO	
				THIRD ANGLE PROJECTION	C	11692-032
						SHEET 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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	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
	DESCRIPTION CONN DIAGRAM-EXTERNAL	
SIZE C	DWG NO 261B865F01	
SCALE NONE		SHEET 1

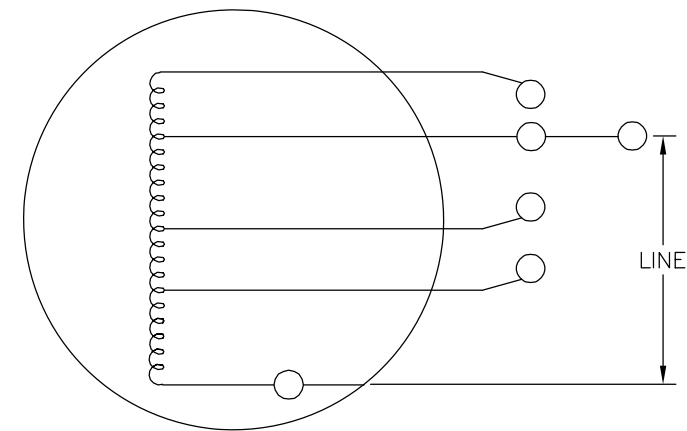
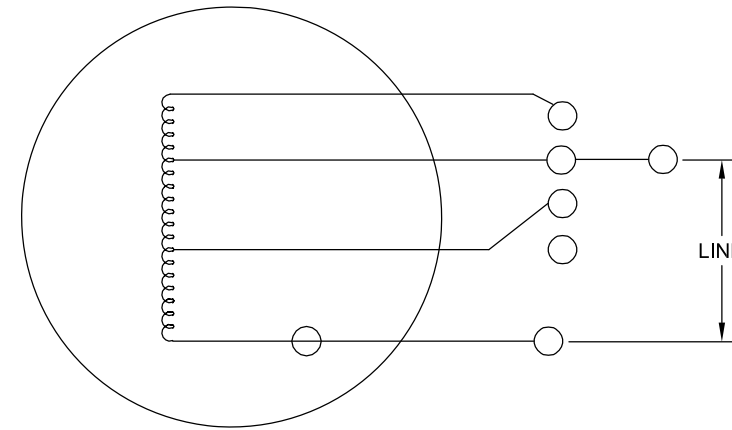
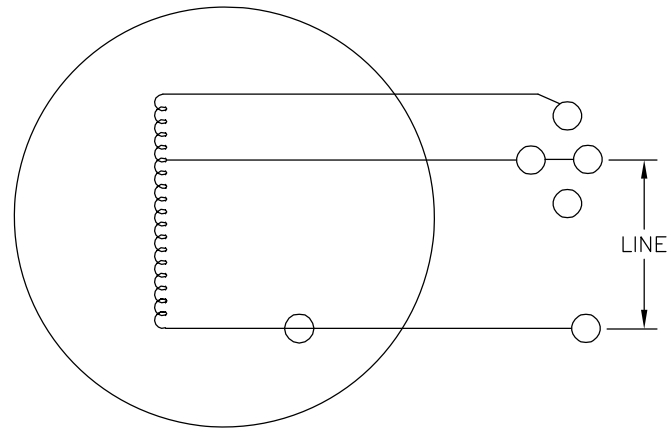
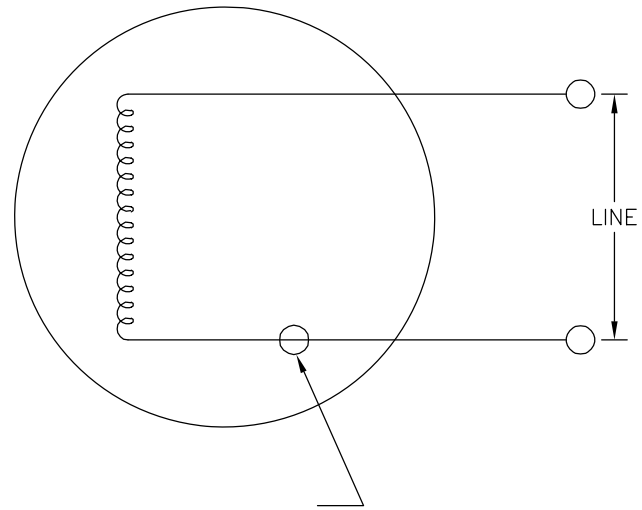
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
T	ECO-0018824	J.HESS	04-15-2011	J.HESS	04-15-2011



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
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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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DESCRIPCION: CONN DIAGRAM-EXTERNAL		
TAMAÑO: C	NUMERO DE DIBUJO: 261B865F01	HOJA: 1
ESCALA: NONE		

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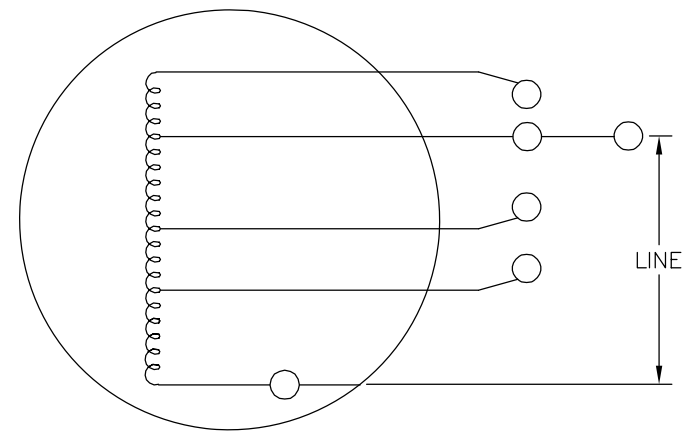
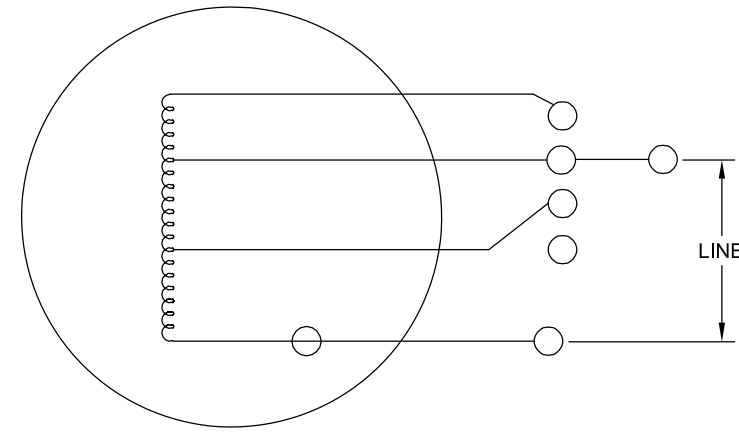
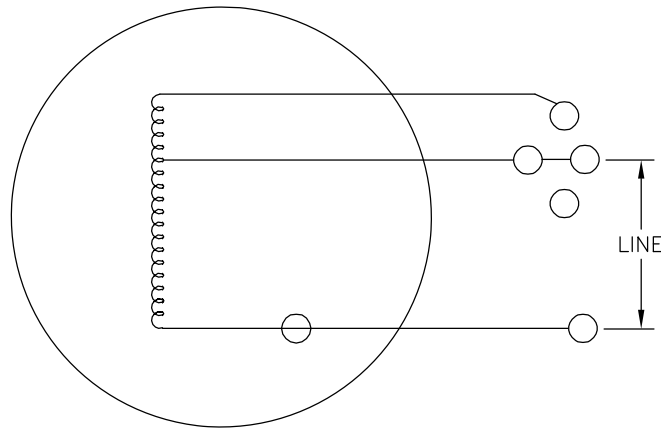
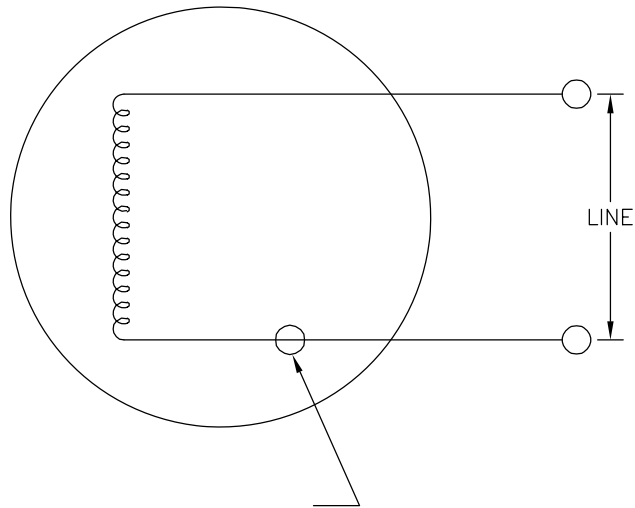
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版本	ECO	编制	日期	批准	日期
T	ECO-0018824	J.HESS	04-15-2011	J.HESS	04-15-2011



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
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名称 CONN DIAGRAM-EXTERNAL			
图幅	C	图号	261B865F01
比例	NONE	页号	1

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