PRODUCT INFORMATION PACKET

Model No: EM3736F
Catalog No: EM3736F
PRO-E SERIES® Condenser Fan Motor, 1/4 HP, 1 Ph, 60 Hz, 460 V, 1075 RPM, 1 Speed, 48 Frame, ENCLOSED



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Nameplate Specifications

Phase	1	Output HP	1/4 Hp
Output KW	0.19 kW	Voltage	460 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	70 °C
Frequency	60 Hz	Current	1.0 A
Duty	Air Over	Insulation Class	F
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	Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	11.30 in	Frame Length	4.13 in
Shaft Diameter	0.500 in	Shaft Extension	6.0 in
Connection Drawing	614131-292	Outline Drawing	EM3736F-S01

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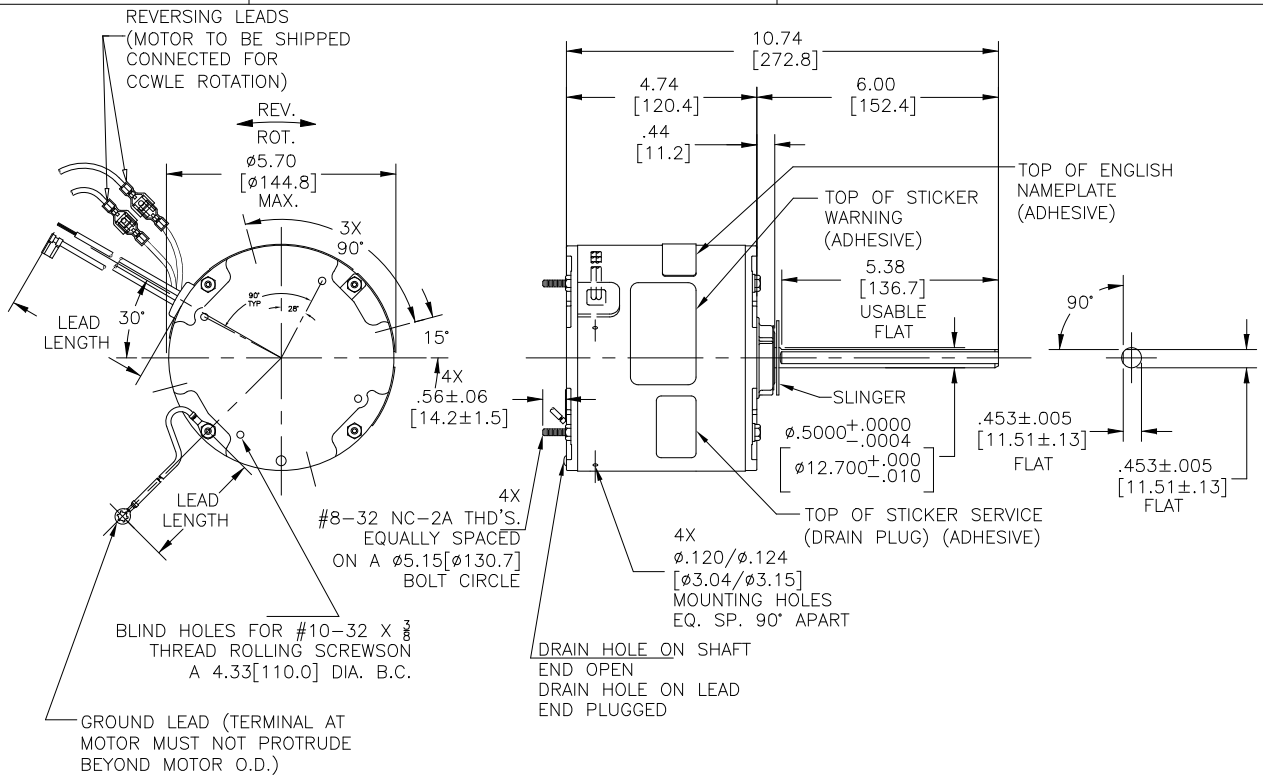
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GENERAL INFORMATION:

SHAFT RUNOUT:	.001[.03] T.I.R. PER INCH LENGTH OF EXTENSION
BEARINGS:	BALL
MOUNTING POSITION:	ALL ANGLE

ELECTRICAL DATA:

OVERLOAD PROTECTOR:	AUTOMATIC RESET (T.I. 7AM 304)
LEADS:	NO. 18 GA., .03[.8] THK.,XLP 125°C INSUL.
GROUND LEAD:	NO. 18 GA., .03[.8] THK. (GREEN) INSUL.



NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48AF92A01 CUST. P/N: EM3736F HP: 1/4 ROT.: REVERSIBLE RPM: 1075 TYPE: UF FRAME: 48Y VOLTS: 460 PH: 1 AMPS: 1.0 HZ: 60 INS.: F AMB.: 70°C DUTY: AIR OVER CAP.: 7.5 MFD/370V ENCL: ENCLOSED THERMALLY PROTECTED c UL us E25022	SEP. CAP. BROWN BRN/WHT WHITE LINE BLACK ROTATION AT LEAD END CCW YELLOW PURPLE YELLOW PURPLE CW YELLOW YELLOW PURPLE PURPLE 614131-292

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE
C32582	28.8 OZ. FT.	0601188A

LEAD DATA		
GREEN (GROUND)	12.0/13.0 [305/330]	#10 EYELET
PURPLE(REV)	4.0/6.0 [102/152]	.25[6.4] PRE-INSUL. MALE TAB
PURPLE(REV)	4.0/6.0 [102/152]	.25[6.4] PRE-INSUL. FEMALE SPADE
YELLOW (REV)	4.0/6.0 [102/152]	.25[6.4] PRE-INSUL. MALE TAB
YELLOW (REV)	4.0/6.0 [102/152]	.25[6.4] PRE-INSUL. FEMALE SPADE
BROWN/WHITE	35.0/37.0 [889/940]	.25[6.4] FLAG
BROWN	35.0/37.0 [889/940]	.25[6.4] FLAG
WHITE	35.0/37.0 [889/940]	.50[12.7] SKIN
BLACK	35.0/37.0 [889/940]	.50[12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

NOTES:
1. 4X SCREWS 615982-001 & 4X HEX NUTS 7555A19H01 TO BE PUT IN A POLYBAG.
2. THE SYMBOL OF CTQ: ▲ (NO CTQ ON THIS DRAWING).
3. MEET THE REQUIREMENT OF RoHS & REACH, SEE EP000014_5.1.

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

ENCLOSURE	
MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED

CUSTOMER	EconoMaster

DRAWING REVISION	REVISION BY	DATE
FB	ABHI	11/06/2025
ECO	APPROVED BY	DATE
ECR-0247039	KEP	11/06/2025
ECO DESCRIPTION		
UPDATED AGENCY INFO		

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DRAWN BY:	C.ZHOU
DATE:	08-06-2013
APPROVED BY:	FRANK.JIN
DATE:	08-06-2013
PROCESS/FINISH	-
THIRD ANGLE PROJECTION	

Regal Rexnord — Regal Beloit America, Inc.

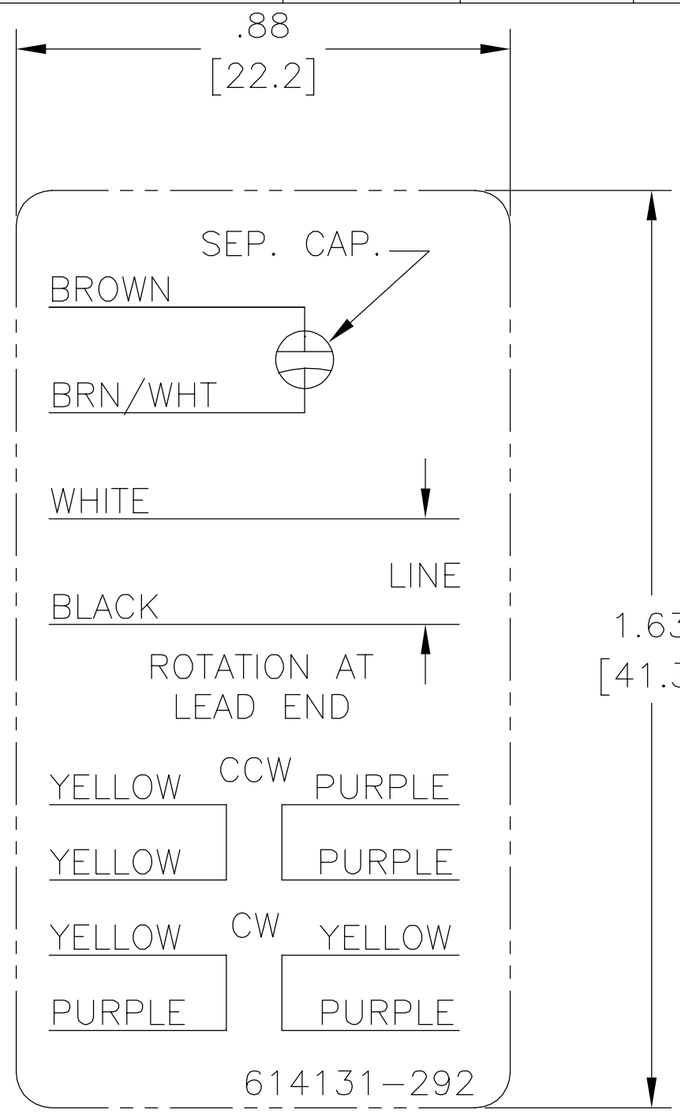
DESCRIPTION: MODEL-RFHP-48FR OUTLINE

MATERIAL: -

SIZE	DWG NO	SHEET
C	EM3736F	1

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REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0022458	jrupert	09-19-2011	jrupert	09-19-2011



NOTES:

1. FOR USE WITH 614129 NAMEPLATE BLANK
2. ——— - - ——— INDICATES DIMENSION LIMITS
3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
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

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

	X	XX	XXX	XXXX
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: jrupert 09-19-2011
APPD: jrupert 09-19-2011
THIRD ANGLE PROJECTION
EDS DATE 02-22-2008
FORMAT REV F

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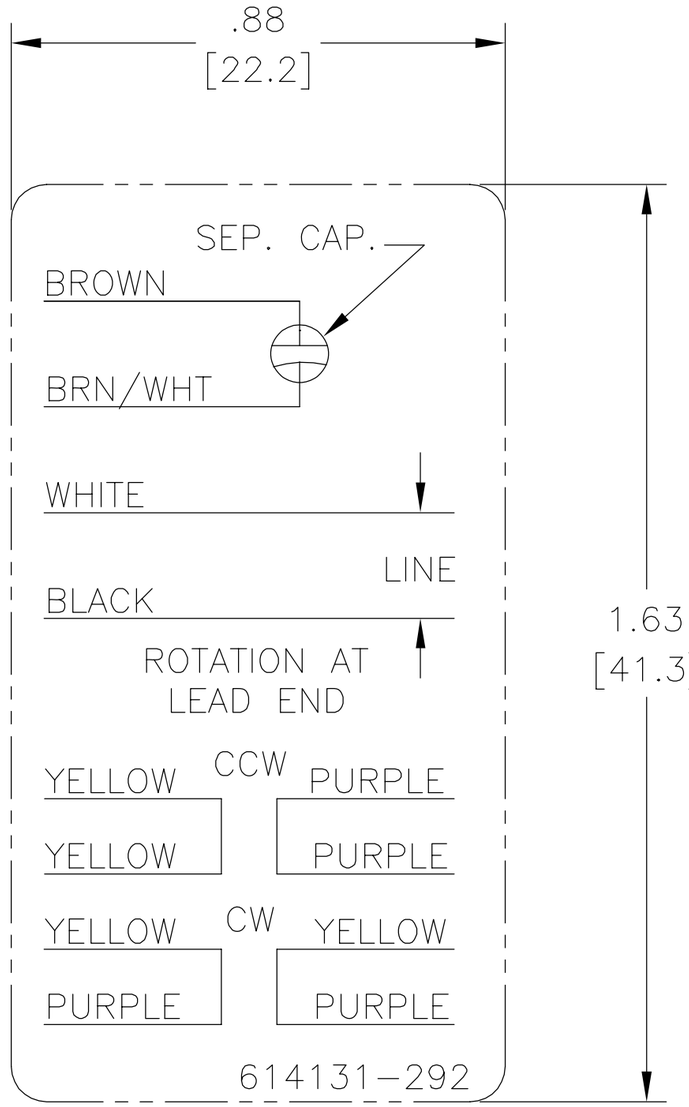
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ELECTRICAL PRODUCTS COMPANY
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DESCRIPTION
CONN DIAGRAM NAMEPLATE

SIZE A | DWG NO 614131-292
SCALE NONE | SHEET 1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
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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:

	X	XX	XXX	XXXX
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: jrupert — 09-19-2011
APROBADO POR: jrupert — 09-19-2011
TERCER ANGULO DE PROYECCION
FECHA EDS: 02-22-2008
REV. FORMATO: F

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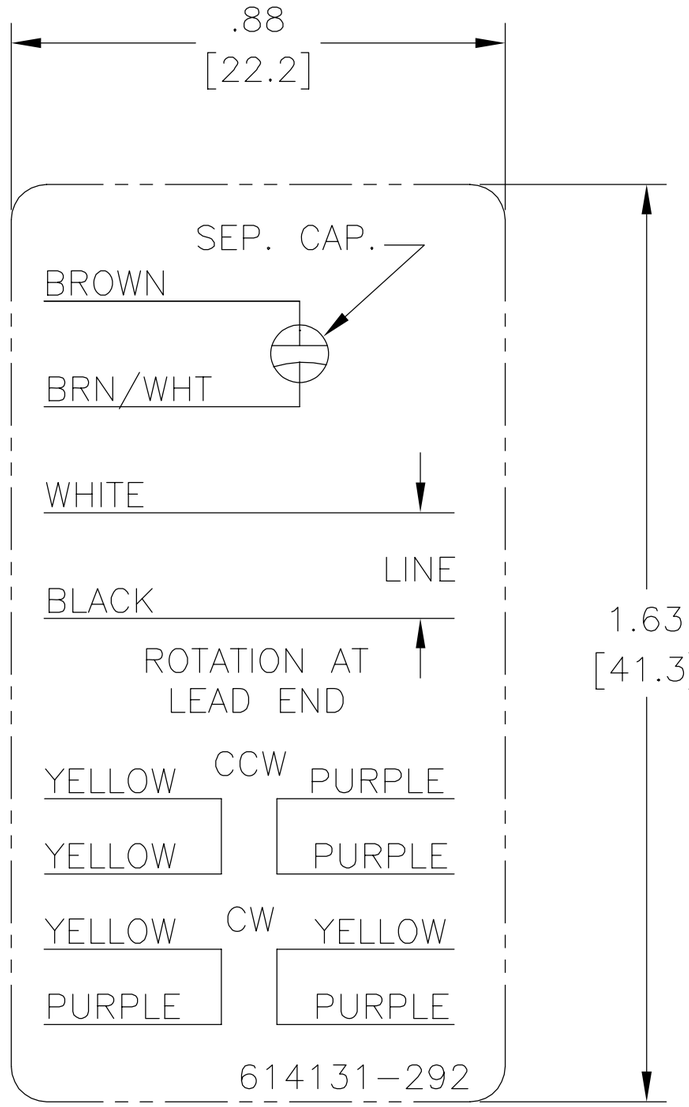
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DESCRIPCION: CONN DIAGRAM NAMEPLATE

TAMAÑO: A
NUMERO DE DIBUJO: 614131-292
ESCALA: NONE
HOJA: 1

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版本	ECO	编制	日期	批准	日期
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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

除另有注明
尺寸公差如下：

	X	XX	XXX	XXXX
英寸	±.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:	jrupert	09-19-2011
批准:	jrupert	09-19-2011
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图幅	A	图号	614131-292
比例	NONE		页号 1