

PRODUCT INFORMATION PACKET



Model No: OFR1036

Catalog No: OFR1036

OEM Replacement Motor, 1/3 HP, 1 Ph, 60 Hz, 230 V, 1075 RPM, 5 Speed, 48 Frame, TEAO



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Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	1.8 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	5

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Lug	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	9.69 in	Frame Length	4.25 in
Shaft Diameter	0.500 in	Shaft Extension	2.3X.5X2.8 in
Outline Drawing	OFR1036-S01	Connection Drawing	614131-114

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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 (SENSATA 7AM 032)
 LEADS: NO. 18 GA., .06[1.5] THK. INSUL. 125°C
 GROUND LEAD: NO. 18 GA., .03[.8] THK. (GREEN) INSUL.

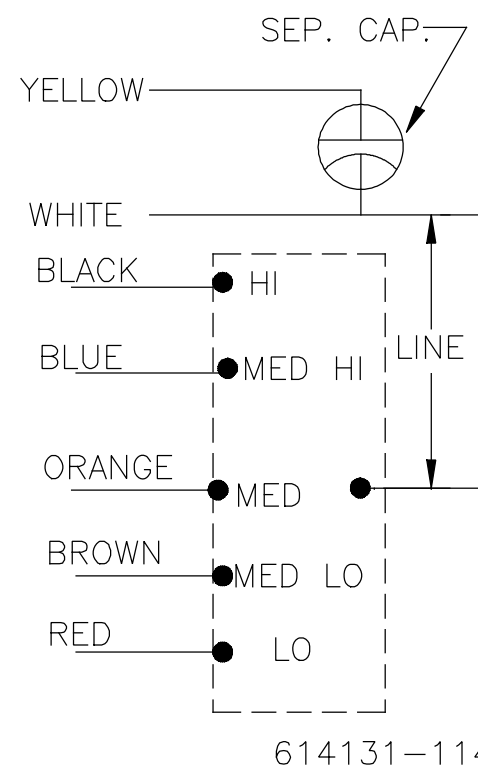
NOTE:
 1. DISTRIBUTION: CUST. P/N: OFR1036
 GRAINGER: CUST. P/N: 4ME10

SEE NOTE 1

NAMEPLATE DATA :

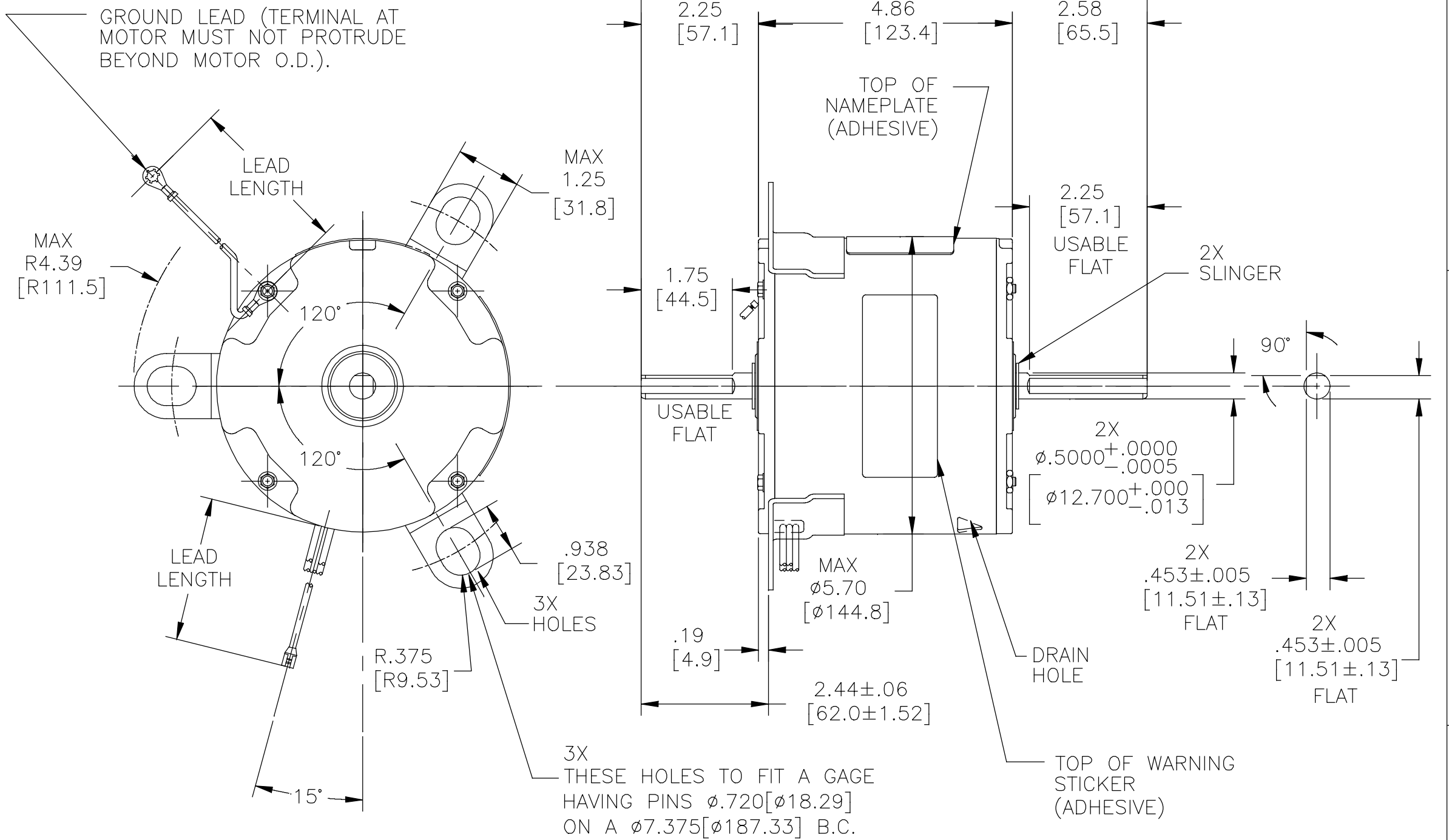
MODEL NO.: F48SN6L30
 CUST. P/N: []
 HP: 1/3
 ROT: CCWLE
 RPM: 1075/5 SPD.
 TYPE: UF
 FRAME: 48Y
 VOLTS: 230
 PH: 1
 AMPS: 1.8 (2.5 MAX.)
 HZ: 60
 INS: B
 AMB: 40 °C
 DUTY: AIR OVER
 CAP.: 5 MFD/370VAC
 UL LOGO
 CSA LOGO
 THERMALLY PROTECTED
 ENCLOSURE: TEAO

EXTERNAL CONNECTION DIAGRAM



614131-114

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CNN #	FILE #	CLASS #
C23843	29.6 OZ. FT.	EX11892-2	E46412	PRGY2	LR43341	4211-010



COLOR	LENGTH	TERMINAL OR STRIP LENGTH
GREEN(GRD)	7.0/8.0 [178/203]	#10 EYELET
YELLOW	20.0/22.0 [508/559]	.25[6.4] SPADE
WHITE	32.0/34.0 [813/864]	.25[6.4] SPADE
BLACK	32.0/34.0 [813/864]	.25[6.4] SPADE
BLUE	32.0/34.0 [813/864]	.25[6.4] SPADE
ORANGE	32.0/34.0 [813/864]	.25[6.4] SPADE
BROWN	32.0/34.0 [813/864]	.25[6.4] SPADE
RED	32.0/34.0 [813/864]	.25[6.4] SPADE

LEAD DATA

COLOR	LENGTH	TERMINAL OR STRIP LENGTH
GREEN(GRD)	7.0/8.0 [178/203]	#10 EYELET
YELLOW	20.0/22.0 [508/559]	.25[6.4] SPADE
WHITE	32.0/34.0 [813/864]	.25[6.4] SPADE
BLACK	32.0/34.0 [813/864]	.25[6.4] SPADE
BLUE	32.0/34.0 [813/864]	.25[6.4] SPADE
ORANGE	32.0/34.0 [813/864]	.25[6.4] SPADE
BROWN	32.0/34.0 [813/864]	.25[6.4] SPADE
RED	32.0/34.0 [813/864]	.25[6.4] SPADE

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

ENCLOSURE	
MAIN FR.-OLE	ENCLOSED
END FR.-OLE	ENCLOSED
MAIN FR.-LE	ENCLOSED
END FR.-LE	ENCLOSED

CUSTOMER	DISTRIBUTION SERVICE

DRAWING REVISION: D
 ECO-0181841
 @ZONE A4 ADD ENCLOSURE: TEAO

REVISION BY: CADDIE.ZHOU
 APPROVED BY: TRICIA NIEDERHOLTMEYER
 DATE: 02-18-2020

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DRAWN BY: DZ
 DATE: 02-10-2011

APPROVED BY: DZ
 DATE: 02-10-2011

REFERENCE: -

THIRD ANGLE PROJECTION

REGAL Regal Beloit America, Inc.

DESCRIPTION: MODEL-RFHP-48FR OUTLINE

MATERIAL: - PROCESS/FINISH: -

SIZE: C DWG NO: OFR1036 SHEET: 1

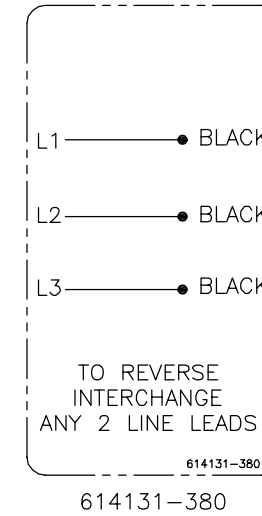
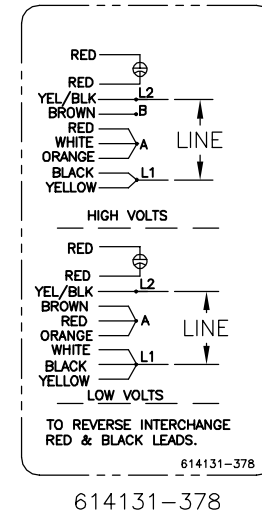
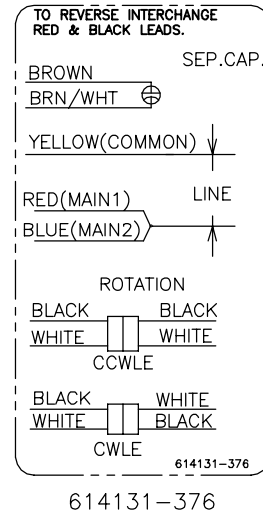
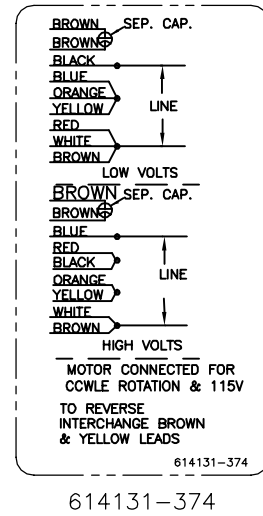
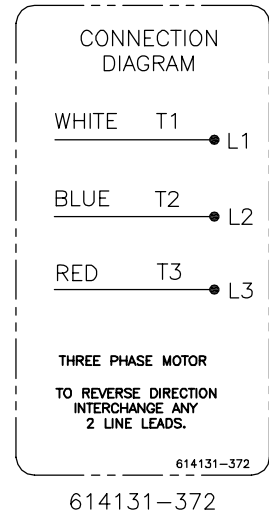
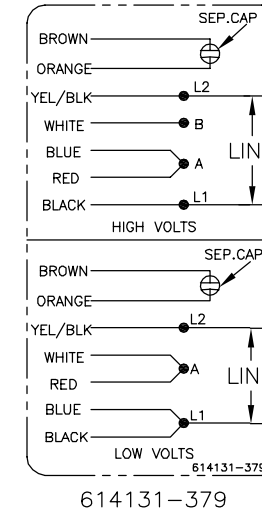
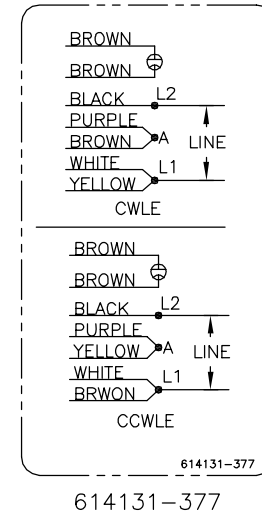
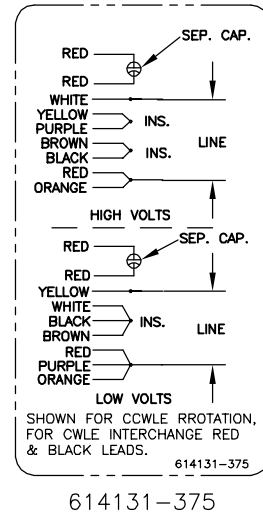
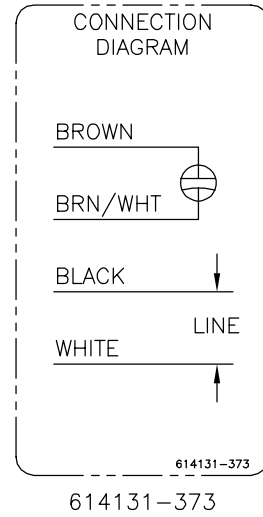
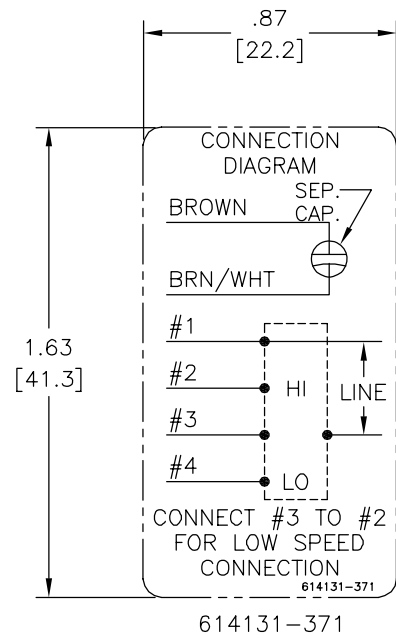
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REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
D.04	00017504	0703436	Hong	04/09/2008		



NOTES:

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

INCH	X	XX	XXX	XXXX
	±.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	08-15-2007
APPD:	cbranch	08/15/2007
THIRD ANGLE PROJECTION	⊕	EDS DATE 01-21-2007 FORMAT REV E
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SIZE C	DWG NO 614131	-371 THRU -380	
SCALE NONE			SHEET 38

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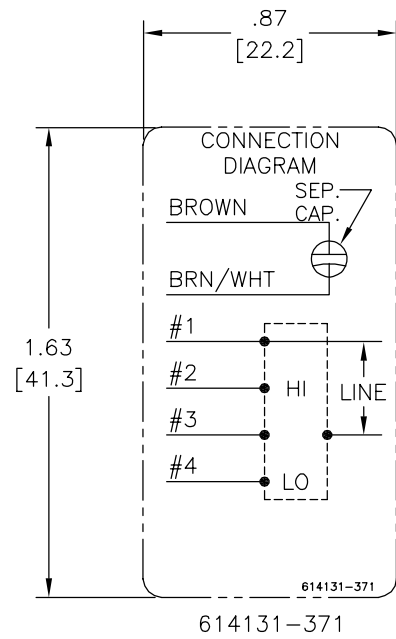
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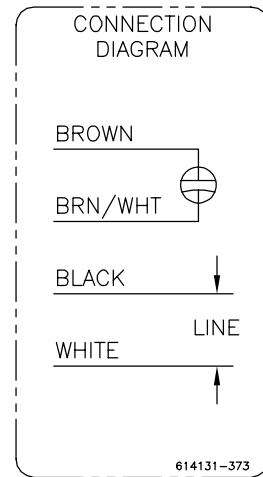
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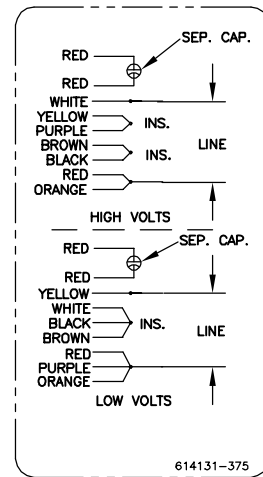
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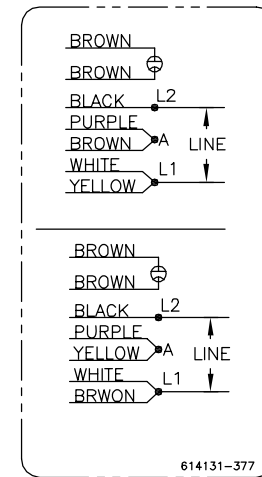
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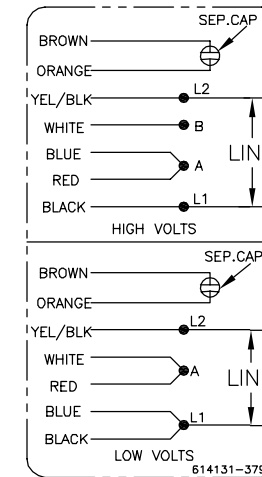
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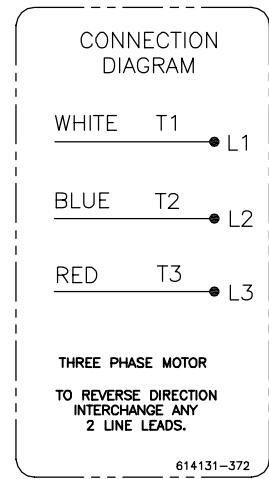


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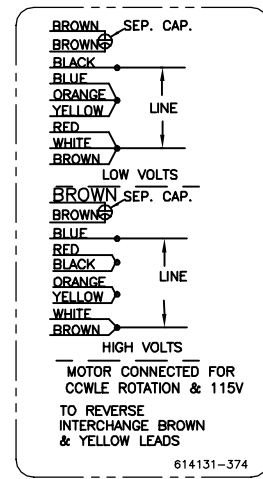


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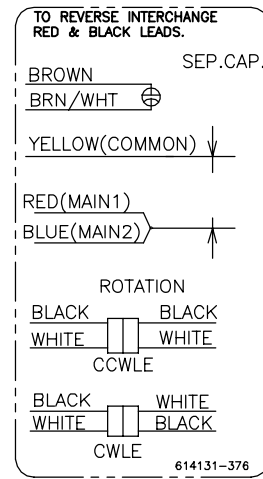
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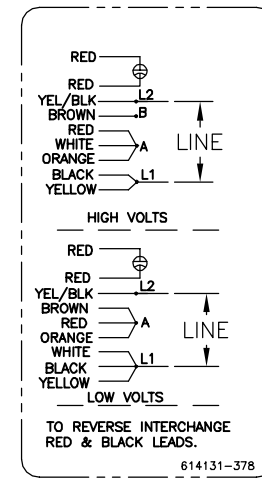
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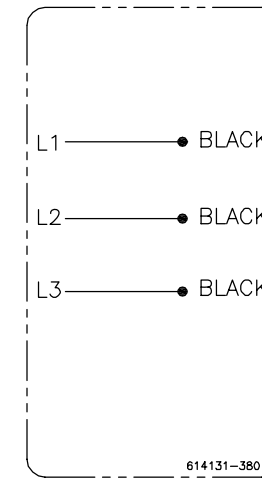
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614131-376



614131-378



614131-380

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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:

	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	08-15-2007
APROBADO POR: cbranh	08/15/2007
TERCER ANGULO DE PROYECCION	FECHA EDS: 01-21-2007 REV. FORMATO: E
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DESCRIPCION: CONN DIAGRAM - EXTERNAL		
TAMAÑO: C	NUMERO DE DIBUJO: 614131	-371 THRU -380
ESCALA: NONE		HOJA: 38

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