

# PRODUCT INFORMATION PACKET



Model No: OLG1036

Catalog No: OLG1036

OEM Replacement Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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**Nameplate Specifications**

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	50 °C
Frequency	60 Hz	Current	2.0 A
Duty	Air Over	Insulation Class	B
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	Counterclockwise Lead End
Mounting	Lug	Motor Orientation	Any
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	8.11 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	3.8 in
Connection Drawing	614131-113	Outline Drawing	OLG1036-S01

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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0037560	R.LIAN	08-28-2013	B.SHEN	08-28-2013

GENERAL INFORMATION:

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

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

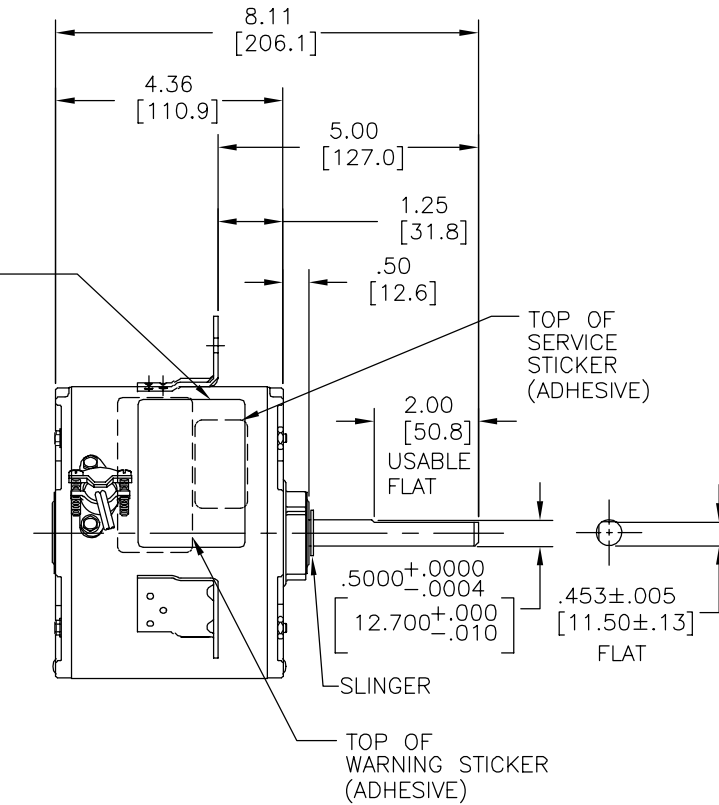
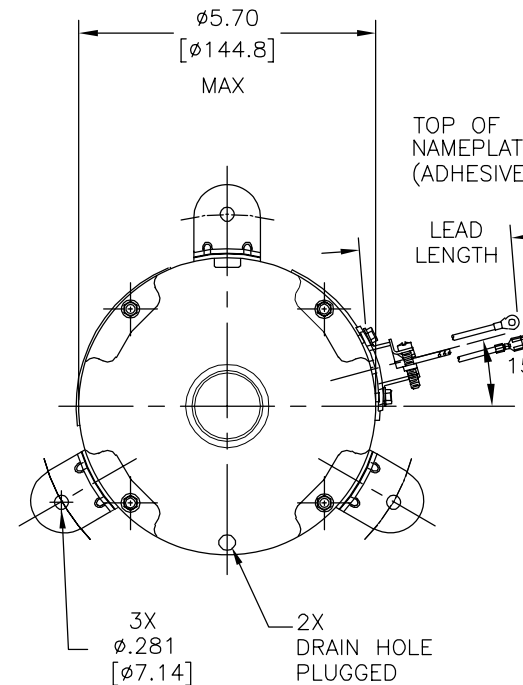
BEARINGS: SLEEVE

MOUNTING POSITION: ALL POSITION

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA T.I. 7AM 036)

LEADS: NO. 18 GA., .06[1.5] THK. PVC 125°C INSUL.



NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL: F48SJ6L15 CUST. P/N: OLG1036 HP: 1/3 ROT: CCWLE RPM: 1075 TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 2.0 (2.6 MAX) HZ: 60 INS: B AMB: 50 °C DUTY: AIR OVER CAP.: 5 MFD/370 V ENCL: ENCLOSED CSA LOGO UL LOGO THERMALLY PROTECTED	
614131-113	

COLOR	LENGTH	TERMINAL OR STRIP LENGTH
YELLOW	30.0/32.0 [762/812]	.25[6.4] FEMALE SPADE
RED	36.0/38.0 [914/965]	#10 EYELET
BLACK	36.0/38.0 [914/965]	#10 EYELET
LEAD DATA		

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

CUST.	DISTRIBUTION SERVICES
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PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM(25°C)	APPROVED SAMPLE	UL COMPONENT FILE#	CCN#	CSA FILE#	CLASS#
C23832	30.4 OZ. FT.	EX11891	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

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

DR BY: R.LIAN 08-28-2013  
 APPD: B.SHEN 08-28-2013  
 THIRD ANGLE PROJECTION  
 EDS DATE 11-11-2011  
 FORMAT REV H  
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DESCRIPTION	
MODEL-RFHP-48FR OUTLINE	
SIZE C	DWG NO OLG1036
SCALE NONE	SHEET 1

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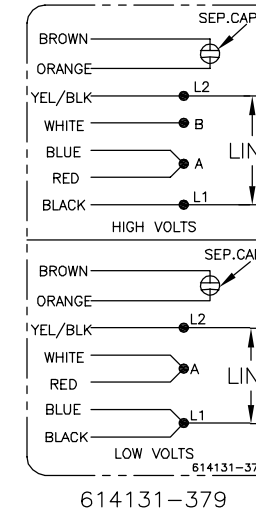
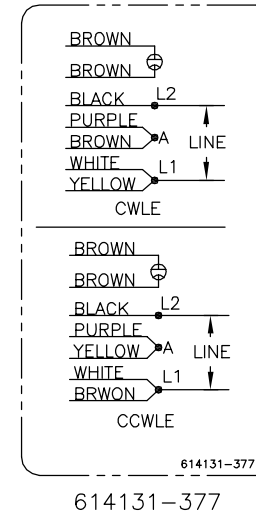
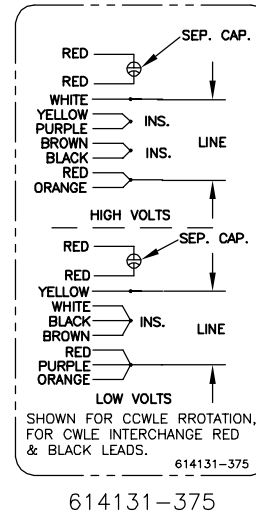
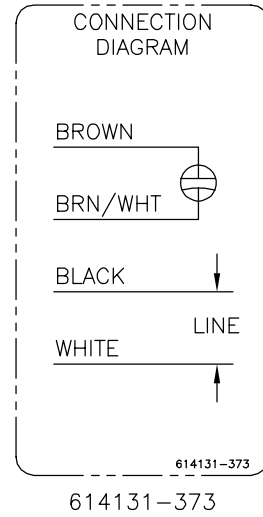
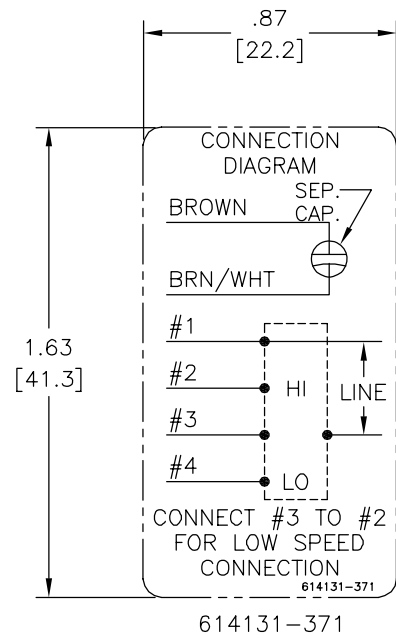
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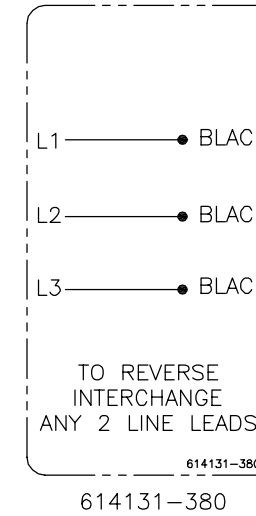
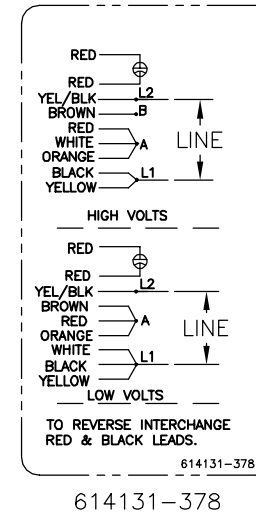
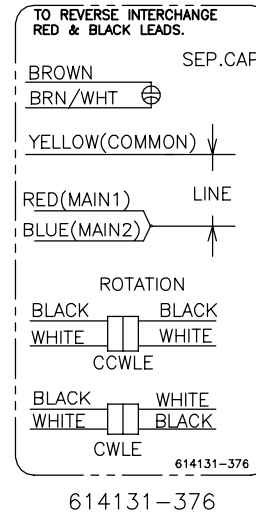
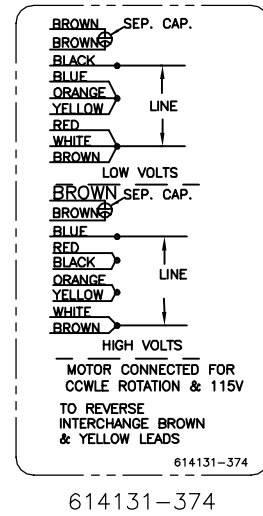
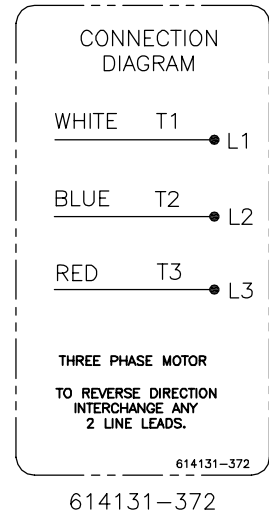
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REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
D.04	00017504	0703436	Hong	04/09/2008		



LOW VOLTS (CWLE)



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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DESCRIPTION	
CONN DIAGRAM - EXTERNAL	
SIZE	DWG NO
C	614131 -371 THRU -380
SCALE	SHEET
NONE	38

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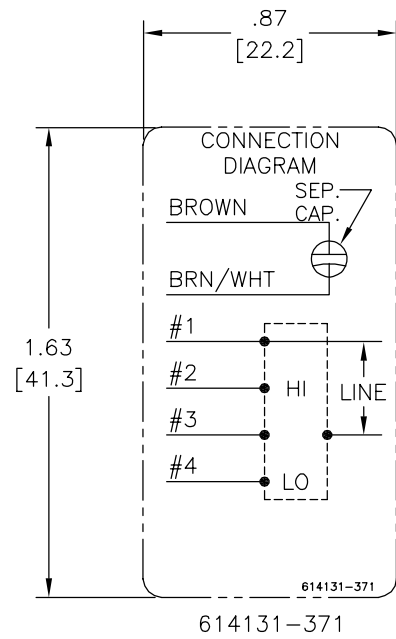
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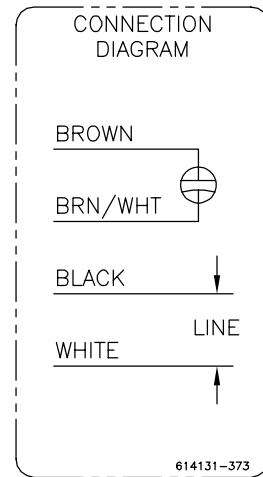
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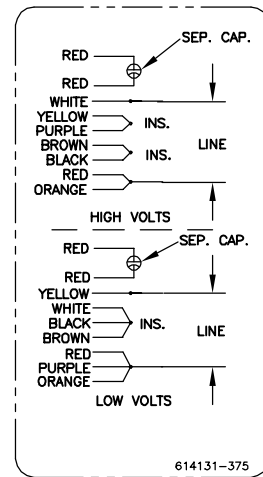
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D.04	00017504	0703436	Hong	04/09/2008		



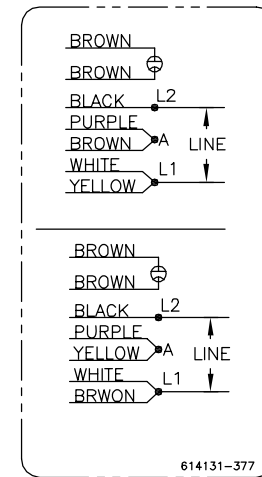
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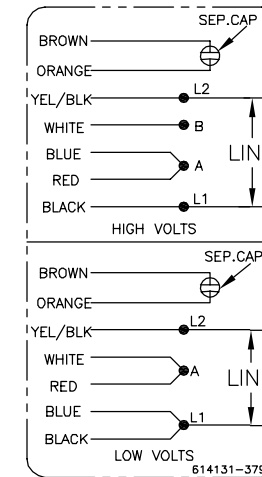
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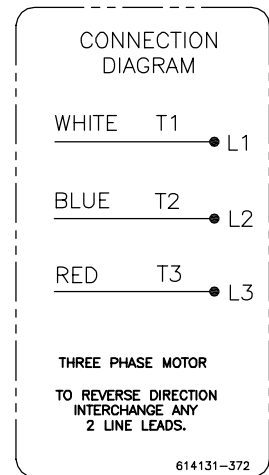


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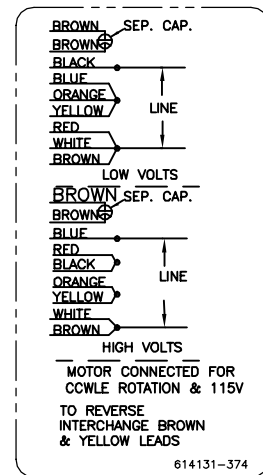


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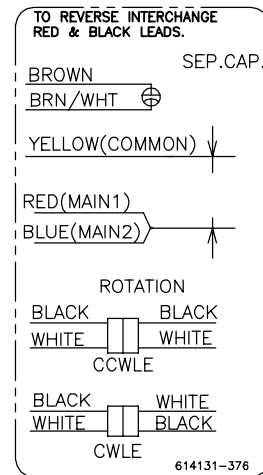
LOW VOLTS (CWLE)



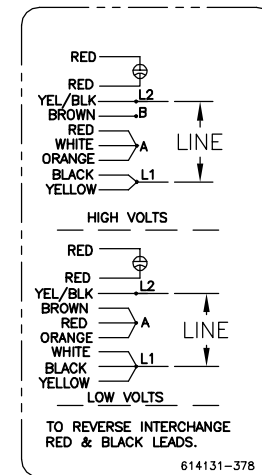
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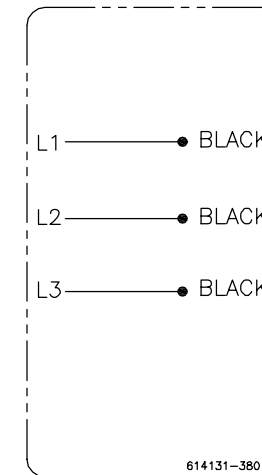
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614131-376



614131-378



614131-380

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.

<p>CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS</p> <ul style="list-style-type: none"> <li>□ PLANICIDAD</li> <li>— RECTITUD</li> <li>∠ ANGULARIDAD</li> <li>⊥ PERPENDICULARIDAD (A ESCUADRA)</li> <li>// PARALELISMO</li> <li>○ REDONDEZ (CIRCULARIDAD)</li> <li>∅ CILINDRICIDAD</li> <li>△ PERFIL DE CUALQUIER SUPERFICIE</li> <li>∧ PERFIL DE CUALQUIER LINEA</li> <li>∩ VARIACION</li> <li>⊕ POSICION REAL</li> <li>⊙ CONCENTRICIDAD</li> <li>= SIMETRIA</li> </ul>
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<p>A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:</p> <p>mm ±0.5 ±0.13 ±0.013</p> <p>PULG ±.1 ±.02 ±.005 ±.0005</p> <p>ANG. ±.50 GRADOS</p> <p>ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.</p> <p>PULG .003-.015 mm 0.1-0.4</p> <p>FILETEAR ESQUINA: PULG .020 mm 0.5</p> <p>MAQUINAR SUPERFICIES</p> <p>PULG 125 mm 3.2</p> <p>DIMS METRICAS MOSTRADAS [PARENTESIS]</p>
---

DIBUJADO POR:	jrupert	08-15-2007
APROBADO POR:	cbranh	08/15/2007
TERCER ANGULO DE PROYECCION		FECHA EDS: 01-21-2007
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-TODOS LOS DERECHOS RESERVADOS.ASME Y14.5M 1994		

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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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