

PRODUCT INFORMATION PACKET



Model No: FSE6000

Catalog No: FSE6000

MASTERFIT™ Condenser Fan Motor, 1/3-1/6 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 2 Speed, 48 Frame, TEAO



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Nameplate Specifications

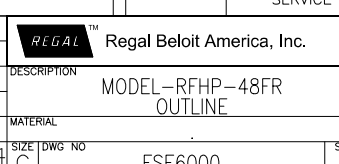
Phase	1	Output HP	1/3-1/6 Hp
Output KW	0.25 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	60 °C
Frequency	60 Hz	Current	2.8 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

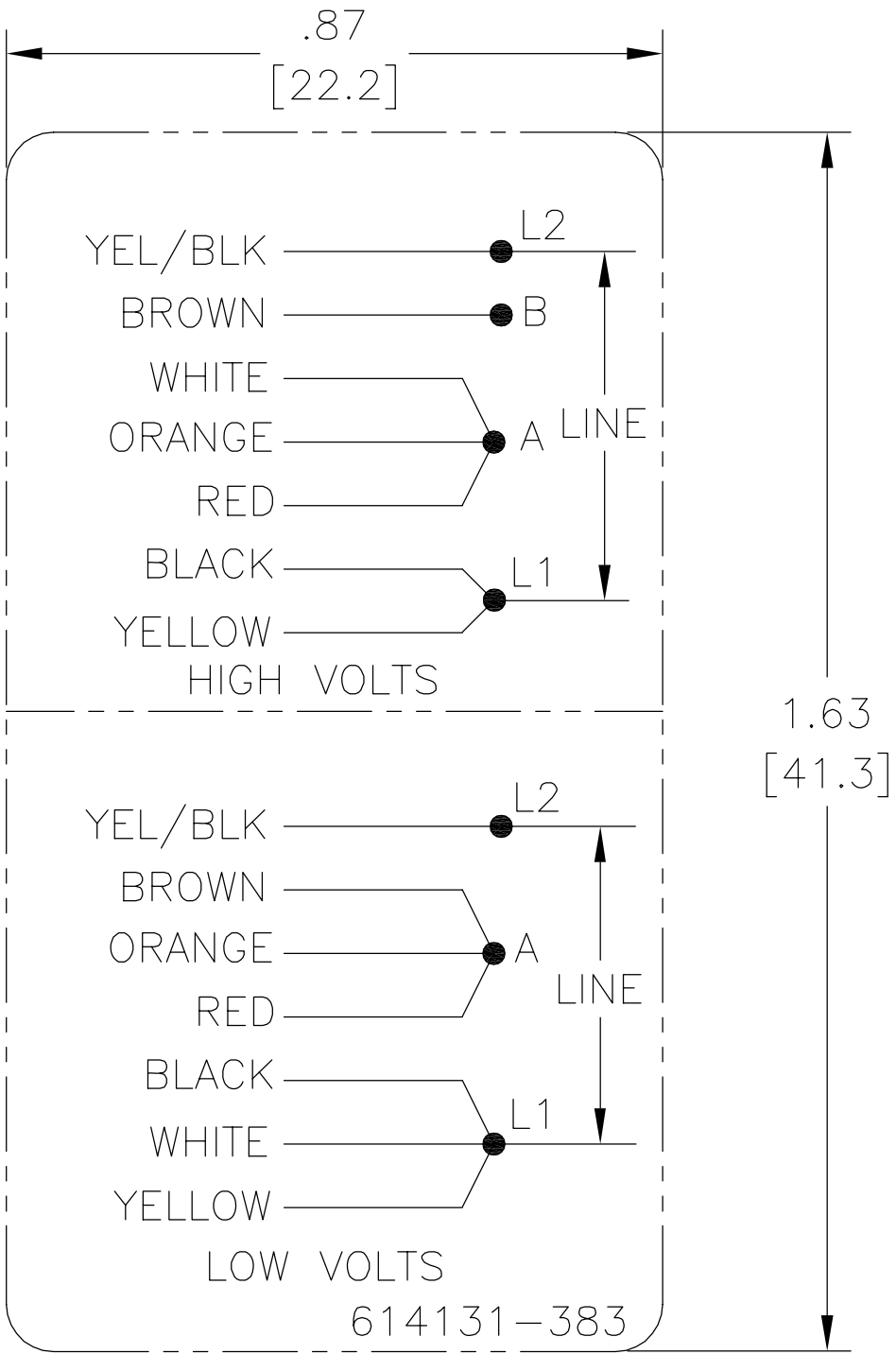
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	11.42 in	Frame Length	4.25 in
Shaft Diameter	0.500 in	Shaft Extension	6 in
Connection Drawing	614131-390	Outline Drawing	FSE6000-S01

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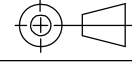
GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN) INSUL.



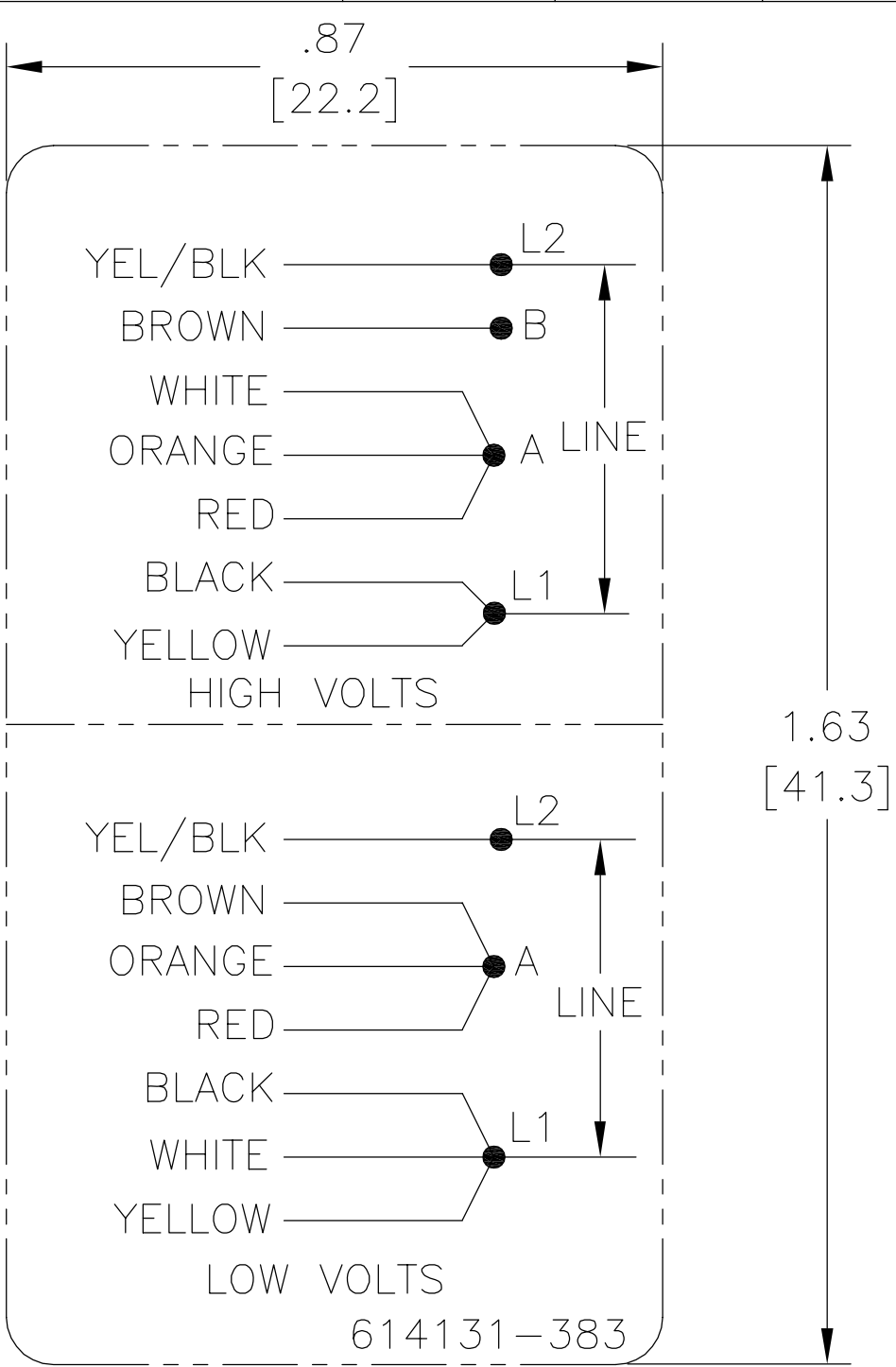
REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0022540	jrupert	09-21-2011	jrupert	09-21-2011



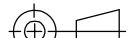
- NOTES:
1. FOR USE WITH 614129 NAMEPLATE BLANK
 2. — — — — — INDICATES DIMENSION LIMITS
 3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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: INCH X XX XXX XXXX mm ±.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	09-21-2011	 ELECTRICAL PRODUCTS COMPANY INNOVATION HAS A NAME. A DIVISION OF A. O. SMITH CORPORATION
		APPD:	jrupert	09-21-2011	
		THIRD ANGLE PROJECTION 		EDS DATE 02-22-2008	DESCRIPTION CONN DIAGRAM NAMEPLATE
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED. ASME Y14.5M 1994		FORMAT REV F	
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			SCALE NONE	SHEET 1	

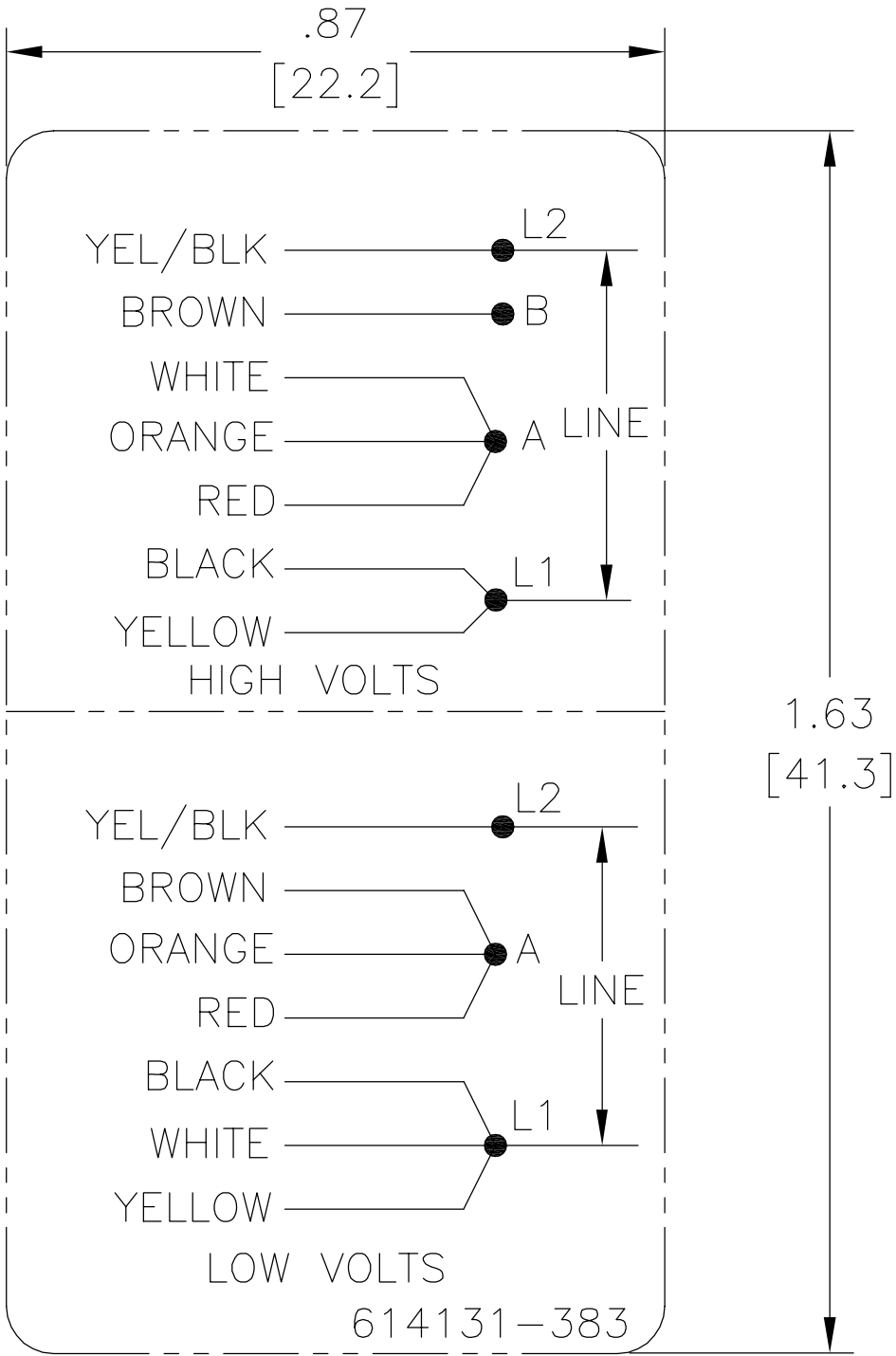
REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0022540	jrupert	09-21-2011	jrupert	09-21-2011



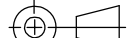
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ∇ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⌀ CILINDRICIDAD ⌒ PERFIL DE CUALQUIER SUPERFICIE ⌒ PERFIL DE CUALQUIER LINEA ↑ VARIACION ⊕ POSICION 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	09-21-2011	ELECTRICAL PRODUCTS COMPANY Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION		
		APROBADO POR: jrupert	09-21-2011			
		TERCER ANGULO DE PROYECCION		FECHA EDS: 02-22-2008 REV. FORMATO: F	DESCRIPCION: CONN DIAGRAM NAMEPLATE	
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE A.O.SMITH CORP. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP. -TODOS LOS DERECHOS RESERVADOS.ASME Y14.5M 1994			TAMAÑO: A	NUMERO DE DIBUJO: 614131-383
					ESCALA:NONE	

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C	ECO-0022540	jrupert	09-21-2011	jrupert	09-21-2011



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		?: jrupert	09-21-2011		
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