

PRODUCT INFORMATION PACKET



Model No: RAB1034S

Catalog No: RAB1034S

OEM Replacement Motor, 1/3 HP, 1 Ph, 60 Hz, 208-240/220 V, 1625/1350 RPM, 1 Speed, 48 Frame,
SEMI ENCLOSED



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Nameplate Specifications

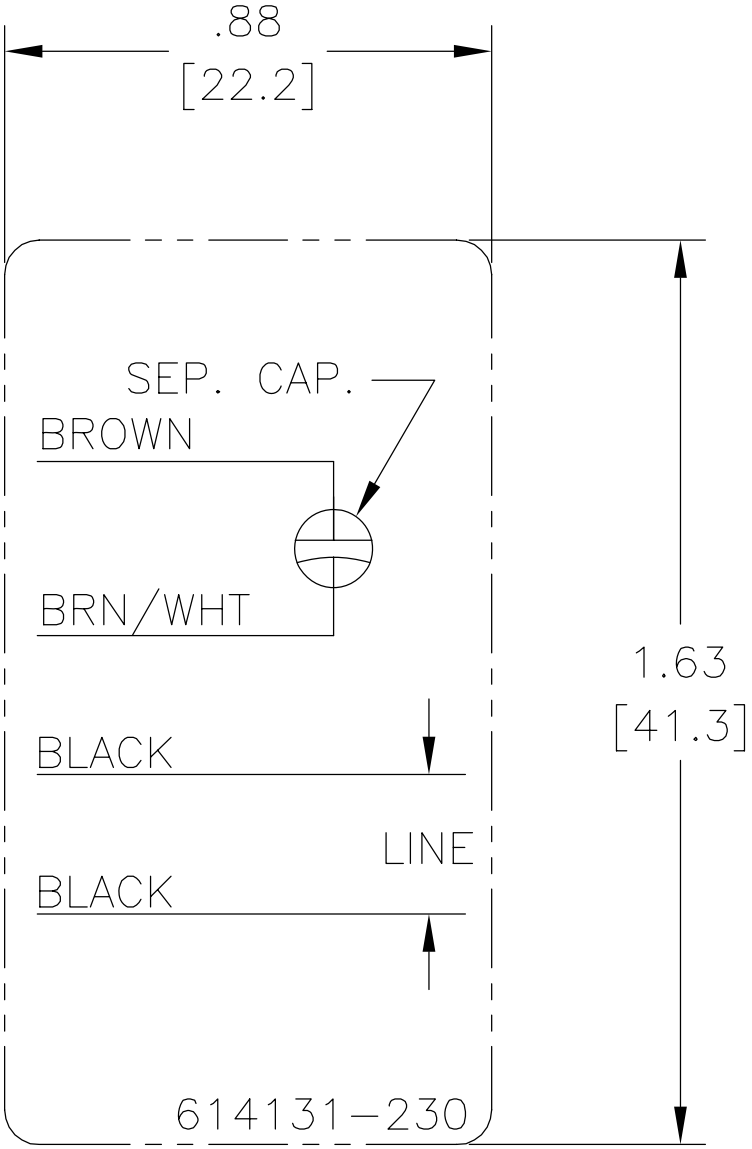
Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-240/220 V
Current	2.4 A	Speed	1625/1350 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

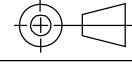
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Lead End
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	19.49 in	Frame Length	5.38 in
Shaft Diameter	0.500 in	Shaft Extension	7.1 X.5 X6.5 in
Connection Drawing	614131-230	Outline Drawing	RAB1034S-S01

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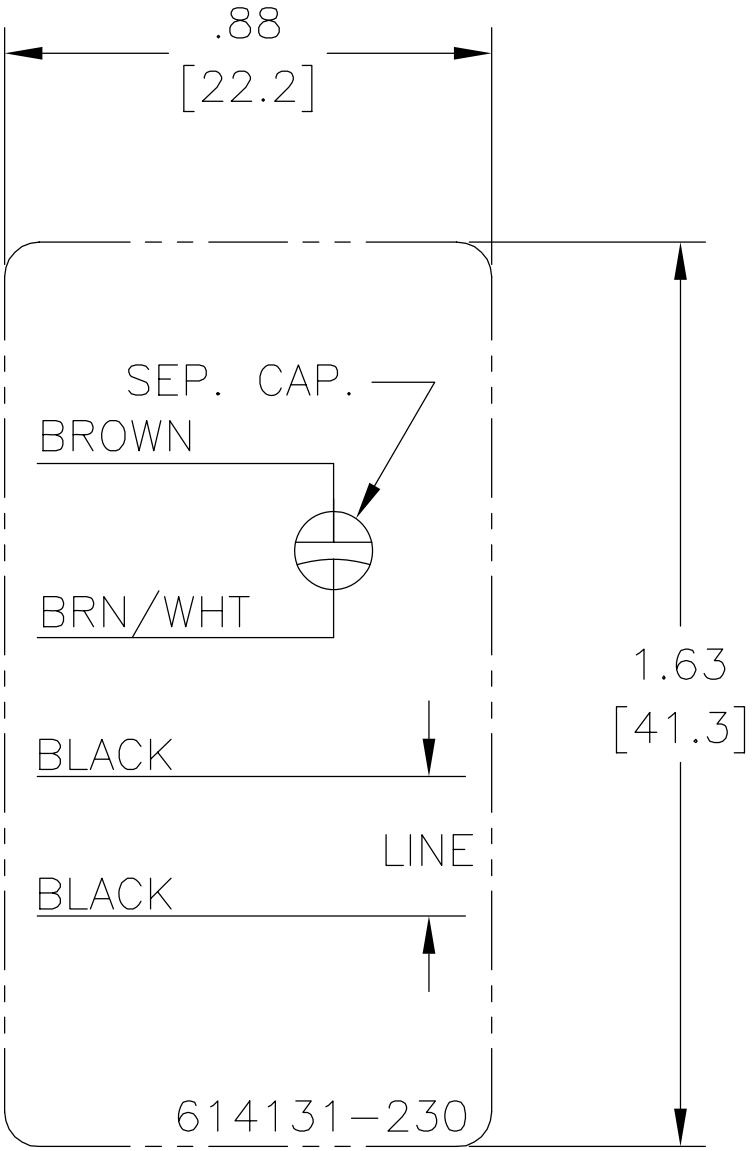
REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0019091	jrupert	03-07-2011	jrupert	03-07-2011



- 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	03-07-2011	 ELECTRICAL PRODUCTS COMPANY innovation has a name. A DIVISION OF A. O. SMITH CORPORATION
		APPD:	jrupert	03-07-2011	
		THIRD ANGLE PROJECTION 	EDS DATE	02-22-2008	DESCRIPTION CONN DIAGRAM EXTERNAL
			FORMAT REV	F	
		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			
		SIZE		A	DWG NO
SCALE		NONE		SHEET 1	

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	ECO-0019091	jrupert	03-07-2011	jrupert	03-07-2011

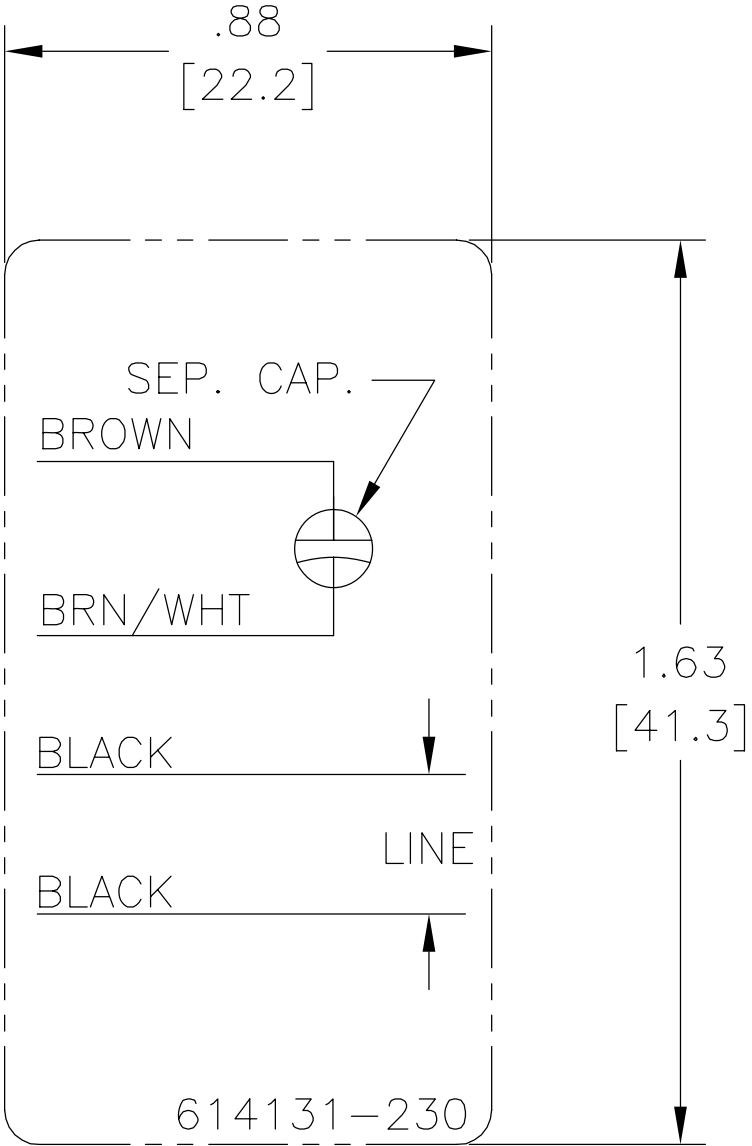


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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ∇ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⊘ CILINDRICIDAD ⌒ PERFIL DE CUALQUIER SUPERFICIE ⌒ PERFIL DE CUALQUIER LINEA ↑ VARIACION ⊕ POSICION 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	03-07-2011	ELECTRICAL PRODUCTS COMPANY Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION		
		APROBADO POR: jrupert	03-07-2011			
		TERCER ANGULO DE PROYECCION		FECHA EDS: 02-22-2008 REV. FORMATO: F	DESCRIPCION: CONN DIAGRAM EXTERNAL	
		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: 614131-230
					ESCALA:NONE	

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