

PRODUCT INFORMATION PACKET



Model No: 9681

Catalog No: 9681

Fan Coil & Air Conditioner Motor, 1/8 HP, 1 Ph, 60/50 Hz, 115 V, 1550 RPM, 3 Speed, 48 Frame,
SEMI ENCL



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Nameplate Specifications

Phase	1	Output HP	1/8 Hp
Output KW	0.10 kW	Voltage	115 V
Speed	1550 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	2.3 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	3

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Lead End
Mounting	Resilient Ring/Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	19.37 in	Frame Length	3.25 in
Shaft Diameter	0.500 in	Shaft Extension	7.5X.5X8.0 in
Outline Drawing	F48V28A01-S01	Connection Drawing	614131-106

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Diagram illustrating the wiring connections for the 614131-106 unit:

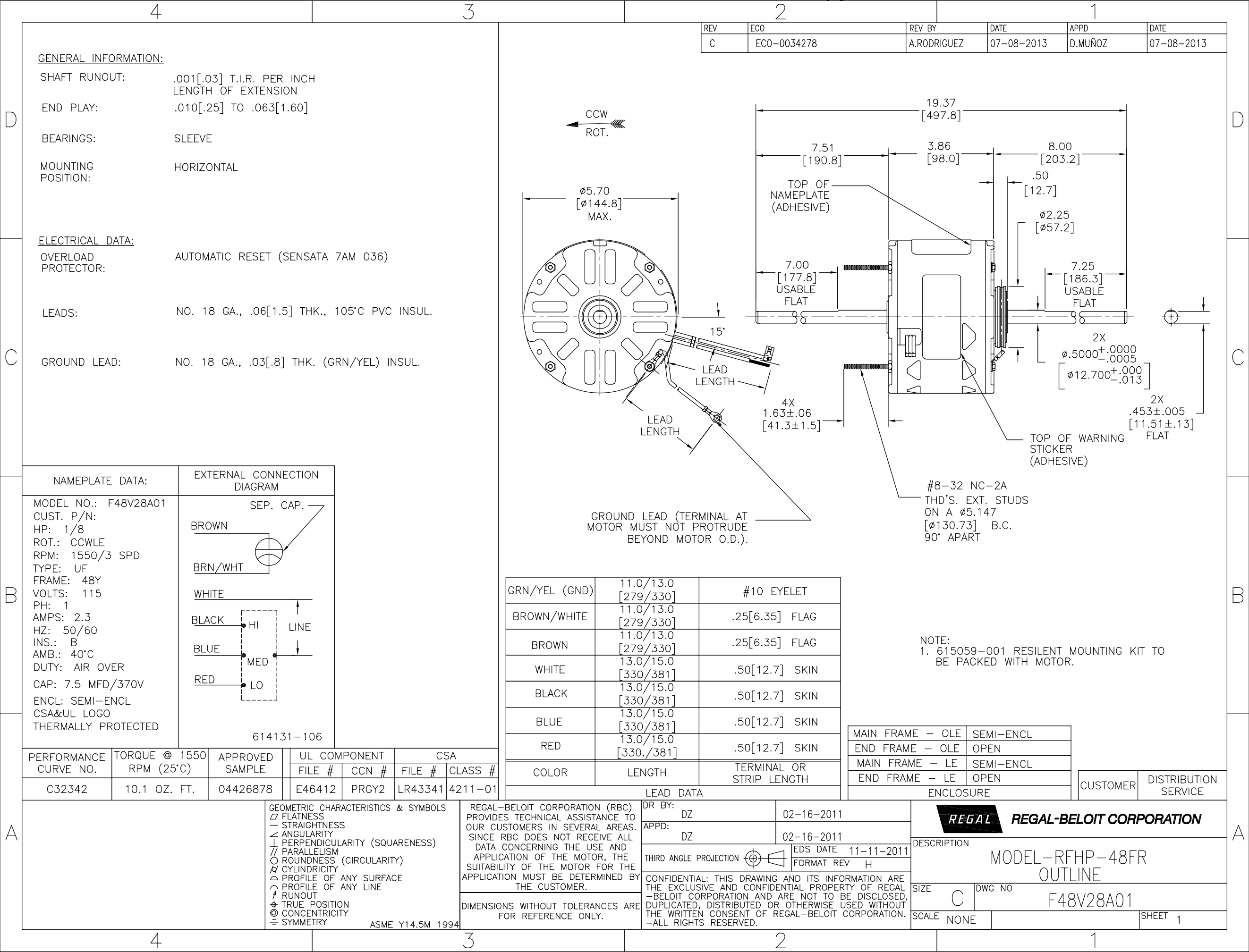
- BROWN** wire is connected to the top terminal of the **SEP. CAP.** (Separate Capacitor).
- BRN/WHT** wire is connected to the bottom terminal of the **SEP. CAP.**
- WHITE** wire is connected to the common line.
- BLACK** wire is connected to the **HI** terminal.
- BLUE** wire is connected to the **MED** terminal.
- RED** wire is connected to the **LO** terminal.
- The **HI**, **MED**, and **LO** terminals are grouped together in a dashed box.
- The **MED** terminal is also connected to the common line.

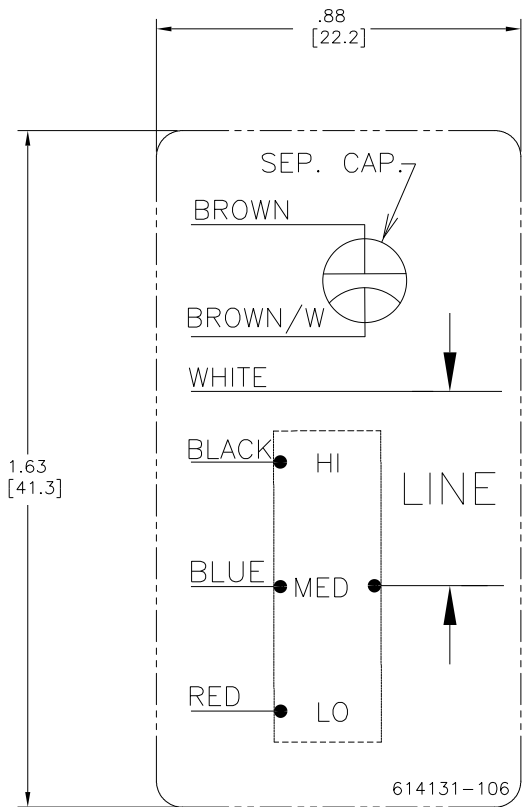
614131-106

	11.0/13.0 [279/330]	
	11.0/13.0 [279/330]	.25[6.35]
	11.0/13.0 [279/330]	.25[6.35]
	13.0/15.0 [330/381]	.50[12.7]
	13.0/15.0 [330/381]	.50[12.7]
	13.0/15.0 [330/381]	.50[12.7]
	13.0/15.0 [330./381]	.50[12.7]

DISTRIBUTION
SERVICE

 REGAL-BELOIT CORPORATION		
名称 MODEL-RFHP-48FR OUTLINE		
图幅 C	图号 F48V28A01	
比例 NONE		页号 1





- NOTES:
1. FOR USE WITH 614129 OR 2513020-001 NAMEPLATE BLANKS
 2. _____ INDICATES DIMENSION LIMITS

DRAWING REVISION		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED			DRAWN BY:		 Regal Beloit America, Inc.	
ECO		J. RUPERT	09-08-2022	DEC. INCH mm ANGLE			PZ			
NMR-0216370		J. RUPERT	09-08-2022	X ±0.1 [±2.5] ±0.5°			DATE:		04-12-2011	
ECO DESCRIPTION		REVISED FOR UP ISSUE		.XX ±0.02 [±0.51]			APPROVED BY:		Tiger Wong	
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				.XXX ±0.0005 [±0.0127]			REFERENCE		MATERIAL	
				REMOVE BURRS & BREAK SHARP			THIRD ANGLE PROJECTION		PROCESS/FINISH	
				EDGES .003/.015 [0.076/.381] X 45°			SIZE DWG NO		614131-106	
				CORNER FILLETS R.02 [51]			SHEET		1	
				MACHINED SURFACES .125 INCH mm 32						
				mm SHOWN IN [BRACKETS]						