

PRODUCT INFORMATION PACKET



Model No: RAL1024

Catalog No: RAL1024

Fan Coil & Air Conditioner Motor, 1/4 HP, 1 Ph, 60 Hz, 115 V, 1625 RPM, 3 Speed, 48 Frame,
SEMI ENCLOSED



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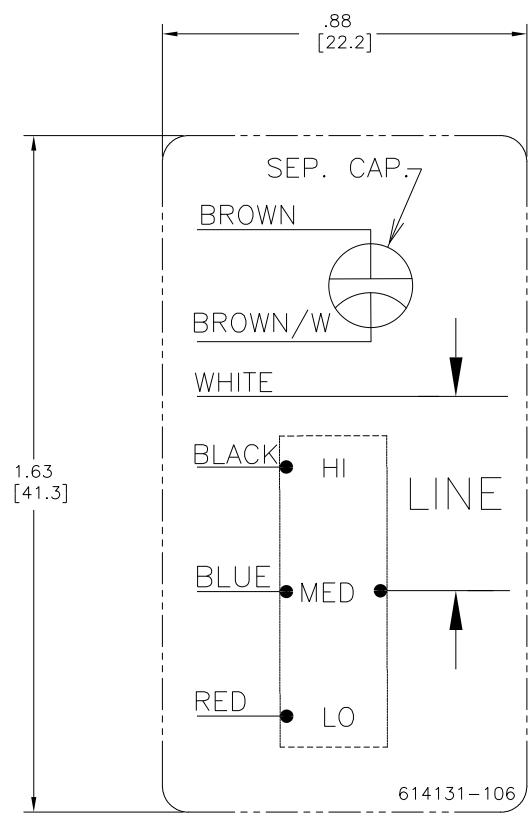
Nameplate Specifications

Output HP	1/4 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115 V
Current	3.4 A	Speed	1625 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	48Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
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	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	20.00 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	7.6 X .5 X 8.0 in
Connection Drawing	614131-106	Outline Drawing	RAL1024-S01

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- 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:		<div> Regal Beloit America, Inc.</div>	
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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		.XXXX ±0.0005 [±0.0127]		REMOVE BURRS & BREAK SHARP		REFERENCE		MATERIAL	
		EDGES .003/.015 [0.076/.381] X 45°		CORNER FILLETS R.02 [51]		THIRD ANGLE PROJECTION		PROCESS/FINISH	
		MACHINED SURFACES .125 [3.175] mm		mm SHOWN IN [BRACKETS]		SIZE DWG NO		614131-106	
						C		SHEET	
								1	