

PRODUCT INFORMATION PACKET



Model No: ORM1026

Catalog No: ORM1026

OEM Replacement Motor, 1/4 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, OAO



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Nameplate Specifications

Output HP	1/4 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.6 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	60 °C
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	Reversible
Mounting	Extended Studs	Motor Orientation	Vertical Shaft Down
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	10.37 in	Frame Length	3.37 in
Shaft Diameter	0.500 in	Shaft Extension	5.5 in
Outline Drawing	ORM1026-S01	Connection Drawing	614131-115

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GENERAL INFORMATION:

SHAFT RUNOUT: .001[.025] T.I.R. PER INCH LENGTH OF EXTENSION

END PLAY: .010[.254] TO .063[1.60]

BEARINGS: SLEEVE

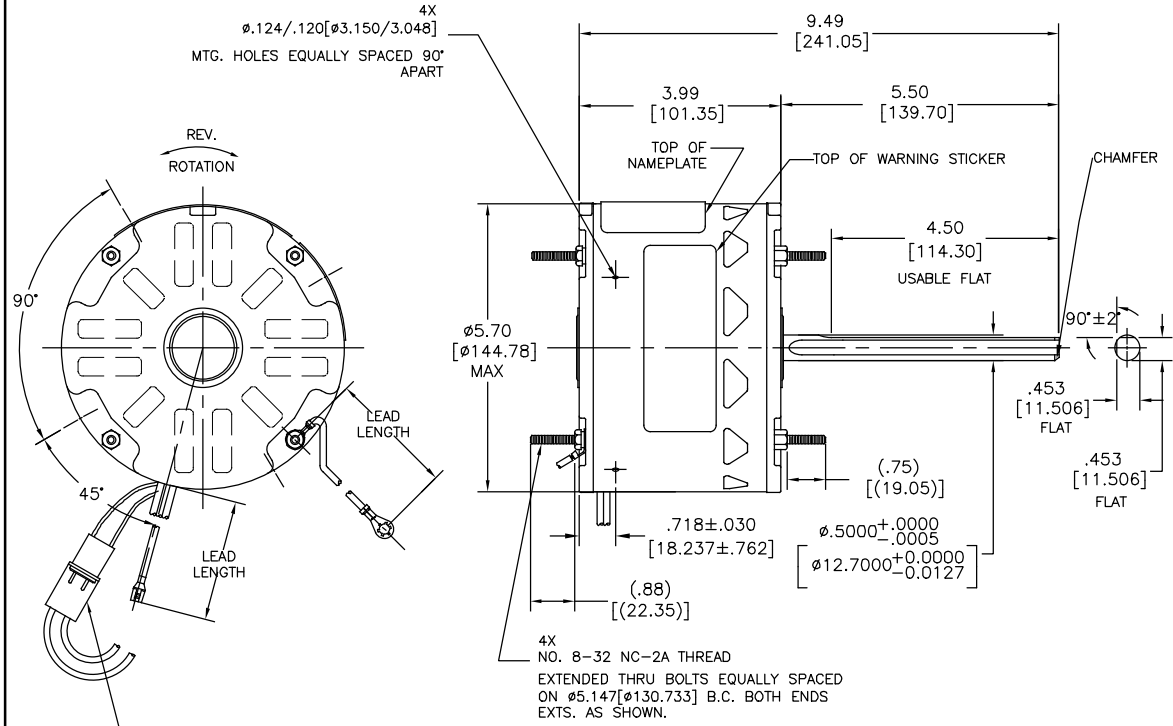
MOUNTING POSITION: VERTICAL SHAFT DOWN

ELECTRICAL DATA:

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

LEADS: NO. 18 GA., .06[1.52] THK. PVC 105°C INSULATION.

GROUND LEAD: NO. 18 GA., .03[.76] THK. (GREEN) INSULATION.



NOTES:
 4X SCREWS 615982-001 TO BE PUT IN A POLYBAG.

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48SF6L10 CUST. P/N: ORM1026 HP: 1/4 ROT.: REVERSIBLE RPM: 1075 TYPE: UF FRAME: 48 VOLTS: 208-230 PH: 1 AMPS: 1.6 (2.0 MAX) HZ: 60 INS.: B AMB: 60° C DUTY: AIR OVER CAP.: 5.0 MFD/370 VAC ENCL: SEMI ENCL JL LOGO CSA LOGO THERMALLY PROTECTED	<p>614131-115</p>

GREEN(GRD)	12/13 [305/330]	# 10 EYELET
BROWN	72/76 [1829/1930]	.25[6.35] FEMALE SPADE
BROWN/WHT	72/76 [1829/1930]	.25[6.35] FEMALE SPADE
YELLOW	48/52 [1219/1321]	.25[6.35] FEMALE SPADE
BLACK	48/52 [1219/1321]	.25[6.35] FEMALE SPADE
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - LE	CLOSED
END FRAME - LE	CLOSED

CUSTOMER	DISTRIBUTION SERVICE

PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C23482	22.8 OZ. FT.	EX11539	E46412	PRGY2	LR43341	260-0-0

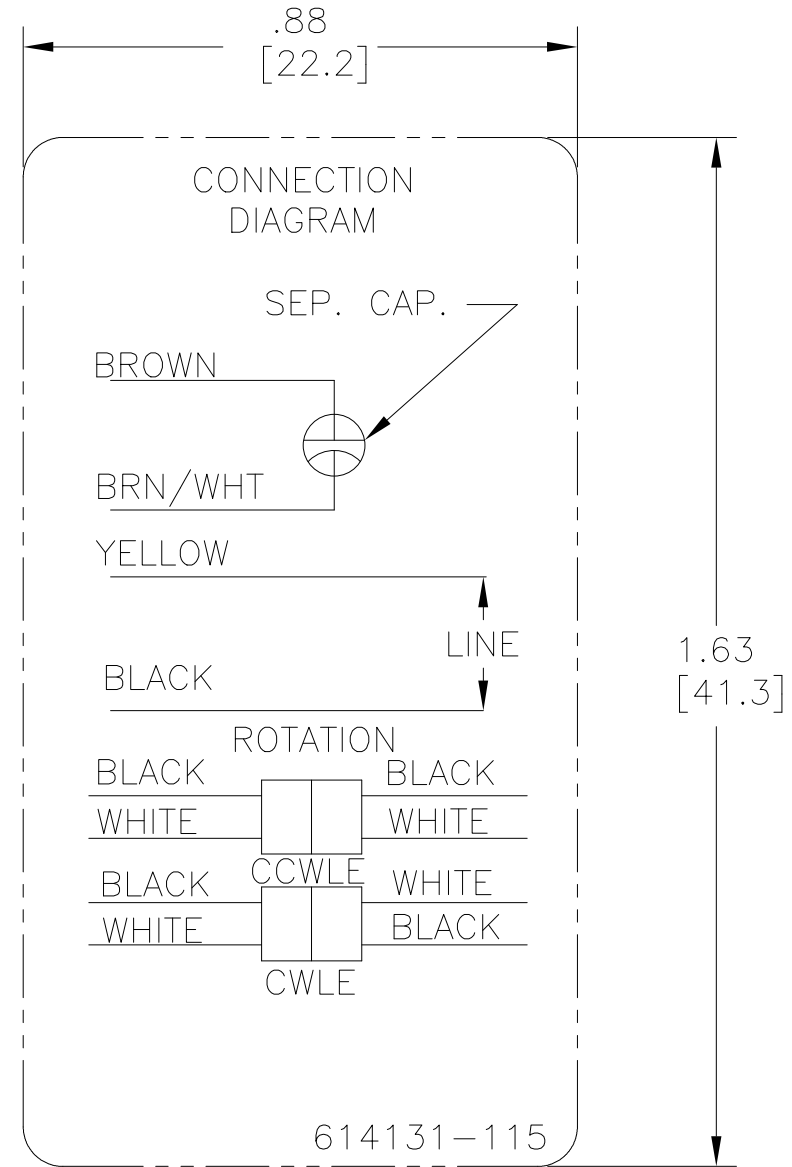
DRAWING REVISION	REVISION BY	DATE
C	GELINE ZHAO	05-23-2019
ECO	KEYUN.QONG	05-23-2019

ECO DESCRIPTION
 SEE ECO

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THIRD ANGLE PROJECTION	
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DRAWN BY: H.ZHU	DATE: 07-15-2014	Regal Beloit America, Inc. DESCRIPTION MODEL-RFHP-48FR OUTLINE
APPROVED BY: J.ZHU	DATE: 07-15-2014	
REFERENCE 11748-035-S01	MATERIAL	PROCESS/FINISH
SIZE DWG NO C	ORM1026	SHEET 1



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

DRAWING REVISION D	REVISION BY J. RUPERT	DATE 09-09-2021
ECO NMR-0210333	APPROVED BY J. RUPERT	DATE 09-09-2021
ECO DESCRIPTION REVISED FOR UP ISSUE		

TOLERANCES UNLESS OTHERWISE SPECIFIED			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45°			
CORNER FILLETS R.02 [51]			
MACHINED SURFACES			
$\sqrt[.125]{\text{INCH}}$ $\sqrt[3.2]{\text{mm}}$			
mm SHOWN IN [BRACKETS]			

DRAWN BY: J. RUPERT	
DATE: 06-24-2010	
APPROVED BY: T. RILEY	
DATE: 06-24-2010	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE A	DWG NO 4 of 4
614131-115	
SHEET 1	

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