

PRODUCT INFORMATION PACKET



Model No: EM3466

Catalog No: EM3466

PRO-E SERIES® Fan and Blower Motor, 3/4-1/5 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 4 Speed, 48 Frame,
OPEN



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Nameplate Specifications

Phase	1	Output HP	3/4-1/5 Hp
Output KW	0.56 kW	Voltage	115 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	9.1 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.36 in	Frame Length	4.93 in
Shaft Diameter	0.500 in	Shaft Extension	4.5 in
Connection Drawing	614131-265	Outline Drawing	EM3466_FA

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GENERAL INFORMATION:

SHAFT RUNOUT: .001[.03] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

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

LINE LEADS: NO. 18 GA., .03[.8] THK. XLP 125°C INSUL.

REVERSING PLUGS: NO. 18 GA., .03[.8] THK. XLP 125°C INSUL.

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

SAMPLE PAPER SM19-191

NAMEPLATE DATA:

MODEL NO.: 5KCP39MGDD617S

CUST. P/N: EM3466

HP: 3/4 MAX.

ROT.: REVERSIBLE

RPM: 1075/4 SPD.

TYPE: UF

FRAME: 48Y

VOLTS: 115

PH: 1

AMPS: 9.1

HZ: 60

INS.: B

AMB.: 40° C

DUTY: AIR OVER

CAP.: 10 MFD/370V

THERMALLY PROTECTED



E27885

MADE IN INDIA

EXTERNAL CONNECTION DIAGRAM

BROWN SEP. CAP

BRN/WHT

WHITE

BLACK

BLUE

YELLOW

RED

ROTATION

BLACK

WHITE

BLACK

WHITE

CCWLE

WHITE

BLACK

WHITE

CWLE

BLACK

WHITE

BLACK

WHITE

BLACK

WHITE

BLACK

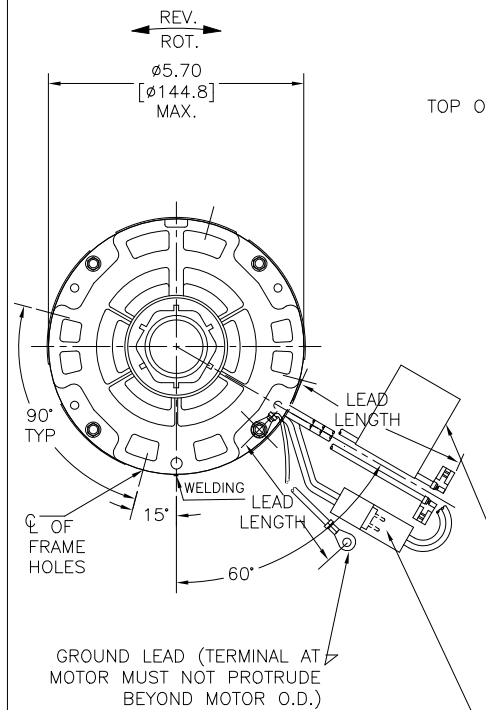
WHITE

BLACK

WHITE

BLACK

WHITE



REVERSING PLUG (MOTOR TO BE SHIPPED CONNECTED FOR CCWLE ROTATION.)

GREEN (GROUND)	9.0/11.0 [229/279]	.25[6.4] RING
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	36.5/39.5 [927/1003]	.25[6.4] FLAG
BROWN/WHITE	36.5/39.5 [927/1003]	.25[6.4] FLAG
RED	36.5/39.5 [927/1003]	.25[6.4] FLAG
YELLOW	36.5/39.5 [927/1003]	.25[6.4] FLAG
BLUE	36.5/39.5 [927/1003]	.25[6.4] FLAG
BLACK	36.5/39.5 [927/1003]	.25[6.4] FLAG
WHITE	36.5/39.5 [927/1003]	.25[6.4] FLAG
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

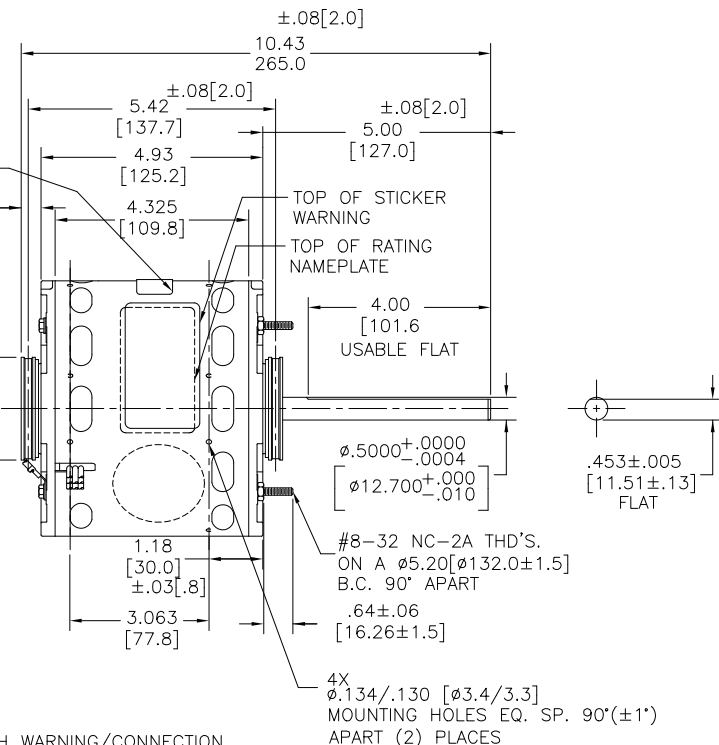
LEAD DATA

DRAWING REVISION	REVISION BY	DATE
F	MS	03.07.23
ECO	APPROVED BY	DATE
ECO-0226674	LS	03.07.23
ECO DESCRIPTION		
DIM. CHANGES	1.18/3.063 WAS 1.31/2.31	
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TOP OF NAMEPLATE .50 [12.7] TYP.

Ø2.25 [Ø57.2] TYP. [±0.5]

ATTACH WARNING/CONNECTION LABEL TO COMMON LEAD (WHITE) APPROX. 4.0[101.6]X6.0[152.4] FROM MOTOR



- NOTES:
1. ECONOMASTER OUTSIDE MOTOR SERIES.
 2. 4X SPLIT RING ADAPTOR 615035, 8X SCREWS N194P1504B9 TO BE PUT IN A POLYBAG
 3. SPRING SHIM IN OLE SIDE.
 4. ALL LABEL READ FROM LE

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.

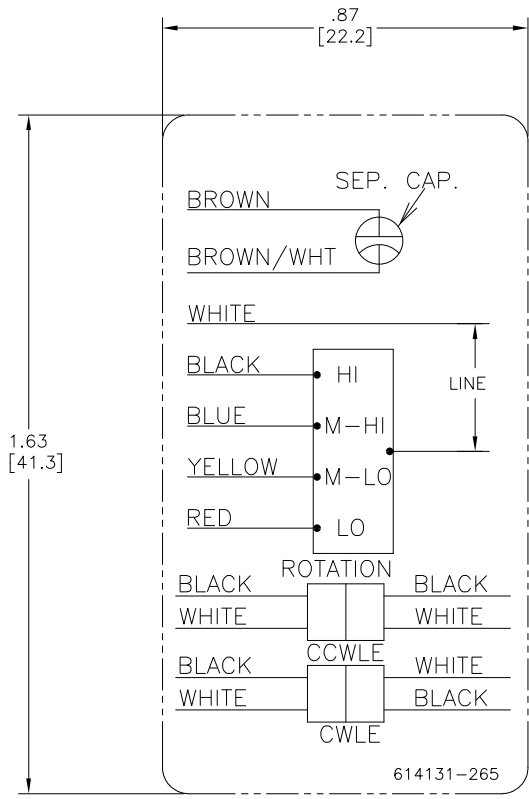
DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

ENCLOSURE

DRAWN BY: mano	DATE: 03.07.23	APPROVED BY: LAXMAN	DATE: 03.07.23	REFERENCE
THIRD ANGLE PROJECTION		MATERIAL		
SIZE DWG NO		PROCESS/FINISH		
C		EM3466_FA		
SHEET 1				

REGAL™ Regal Beloit America, Inc.	MODEL-RFHP-48FR OUTLINE
CUSTOMER DISTRIBUTION SERVICE	



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

DRAWING REVISION		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY:		REGAL™ Regal Beloit America, Inc.	
ECO		J. RUPERT	04-19-2022	DEC.	INCH	mm	ANGLE		
APPROVED BY		J. RUPERT	04-19-2022	X	±0.1	[±2.5]	±0.5°	DATE:	03-31-2011
ECO DESCRIPTION				.XX	±0.02	[±0.51]		APPROVED BY:	CZ
REVISED FOR UP ISSUE				.XXX	±0.005	[±0.127]		DATE:	03-31-2011
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		CORNER FILLETS R.02 [51]		THIRD ANGLE PROJECTION		SIZE		DWG NO	
		MACHINED SURFACES		mm SHOWN IN [BRACKETS]		C		614131-265	
								SHEET	