

PRODUCT INFORMATION PACKET



Model No: EM3464
Catalog No: EM3464

PRO-E SERIES® Fan and Blower Motor, 1/2-1/6 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 4 Speed, 48 Frame,
OPEN



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Nameplate Specifications

Phase	1	Output HP	1/2-1/6 Hp
Output KW	0.37 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	3.9 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	4.99 in
Shaft Diameter	0.500 in	Shaft Extension	4.5 in
Outline Drawing	EM3464_FA	Connection Drawing	614131-265

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING
POSITION: HORIZONTALELECTRICAL DATA:OVERLOAD
PROTECTOR: AUTOMATIC RESET (T.I. 7AM 035)

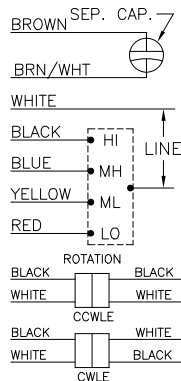
LEADS: NO. 18 GA., .03 [.8] THK. XLP 125°C INSUL.

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

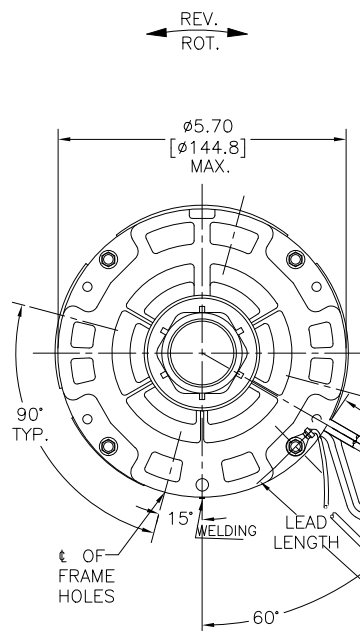
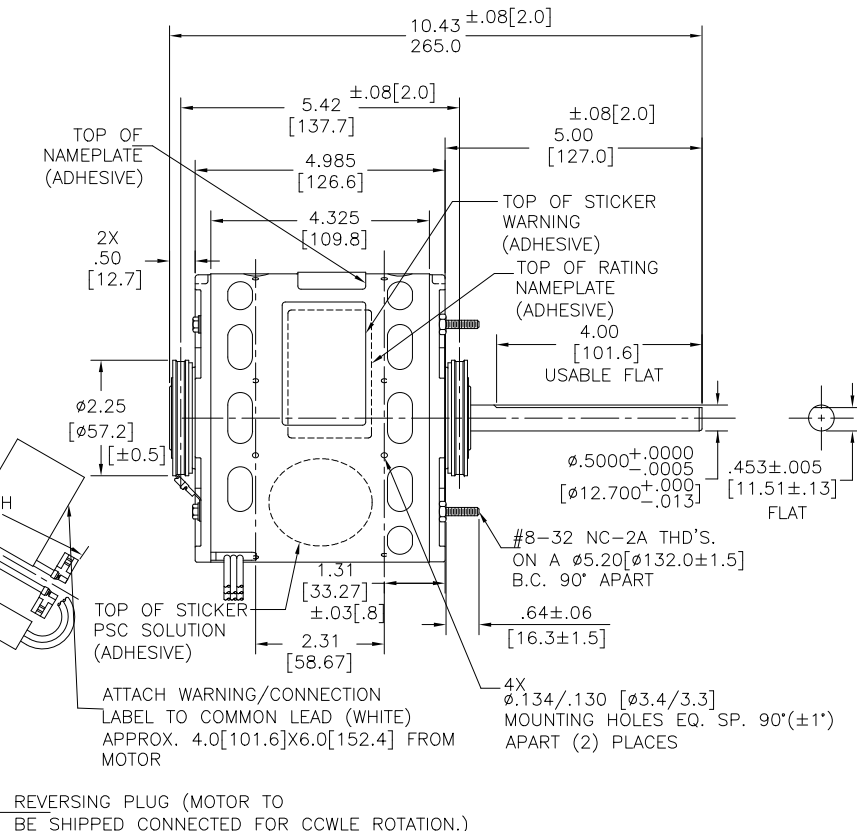
GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN) INSUL.
SEE NOTE 3SAMPLE PAPER SM19-356
NAMEPLATE DATA:EXTERNAL CONNECTION
DIAGRAM

MODEL NO.: 5KCP39MGDD616S
CUST. P/N: EM3464
HP: 1/2 MAX.
ROT.: REVERSIBLE
RPM: 1075/4 SPD.
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 3.9 MAX.
HZ: 60
INS.: B
AMB.: 40° C
DUTY: AIR OVER
CAP.: 10 MFD/370V
THERMALLY PROTECTED

REGAL
E27885
MADE IN INDIA



614131-265

GROUND LEAD (TERMINAL AT
MOTOR MUST NOT PROTRUDE
BEYOND MOTOR O.D.)

- NOTES:
1. CENTURY OUTSIDE MOTOR SERIES.
 2. 4X SPLIT RING ADAPTOR 615035, 8X SCREWS 1N94P1504B9 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

CUSTOMER CENTURY

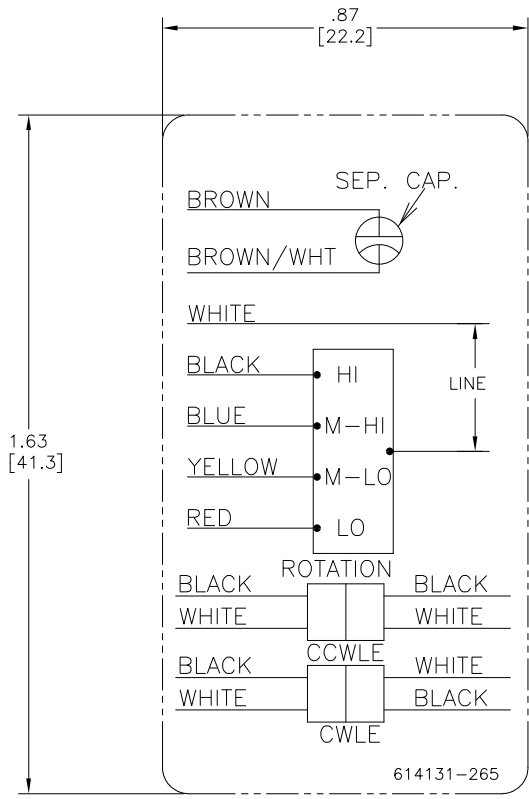
LEAD DATA

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

ENCLOSURE

DRAWING REVISION	REVISION BY	DATE
D	MG	07.01.2022
ECO	APPROVED BY	DATE
ECR-0212494	LS	07.01.2022
ECO DESCRIPTION		
PSC SOLUTION STICKER ADDED IN MOTOR VIEW		
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DRAWN BY: MANOJ		Regal Beloit America, Inc.	
DATE: 11.12.19			
APPROVED BY: LAXMAN			
DATE: 11.12.19			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE DWG NO C	EM3464_FA	SHEET 1



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 G		REVISION BY J. RUPERT	DATE 04-19-2022	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY: JZ	 Regal Beloit America, Inc.	
ECO NMR-0213524		APPROVED BY J. RUPERT	DATE 04-19-2022	DEC.	INCH mm ANGLE	DATE: 03-31-2011		
ECO DESCRIPTION REVISED FOR UP ISSUE				X	±0.1 [±2.5]	±0.5°	APPROVED BY: CZ	
				.XX	±0.02 [±0.51]		DATE: 03-31-2011	
				.XXX	±0.005 [±0.127]		REFERENCE	
				XXXX	±0.0005 [±0.0127]		MATERIAL	
				REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45° CORNER FILLETS R.02 [51] MACHINED SURFACES		THIRD ANGLE PROJECTION		PROCESS/FINISH
				mm SHOWN IN [BRACKETS]		SIZE DWG NO C 614131-265		SHEET 1