

PRODUCT INFORMATION PACKET



Model No: 6407
Catalog No: 6407
3/4 HP Fan & Blower Motor, 1075 RPM, 5 Speed/PWM, 460 Volts, 48 Frame, Semi Enclosed
Direct Drive Motors



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Nameplate Specifications

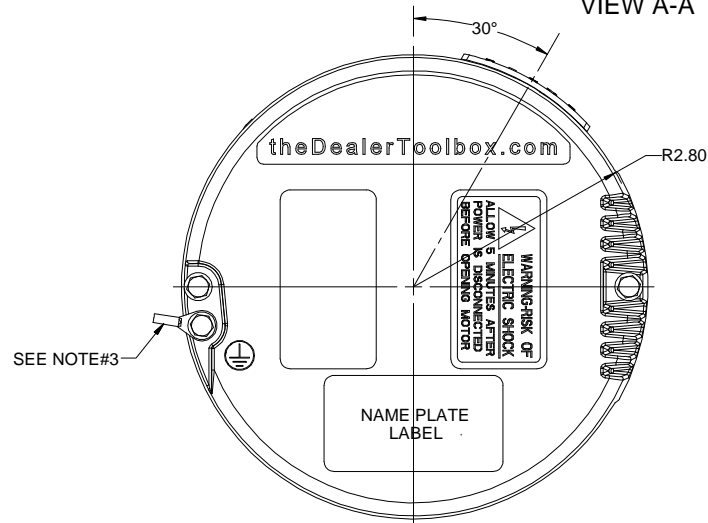
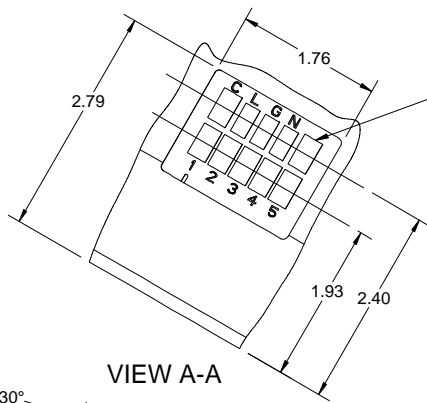
Output HP	3/4 Hp	Frequency	60 Hz
Voltage	460 V	Current	3.1 A
Speed	1075 rpm	Service Factor	1
Phase	1	Duty	Continuous Air Over
Insulation Class	B	Frame	48
Enclosure	Open Air Over	Thermal Protection	No
Ambient Temperature	40 °C	UL	Recognized
CSA	N	CE	N

Technical Specifications

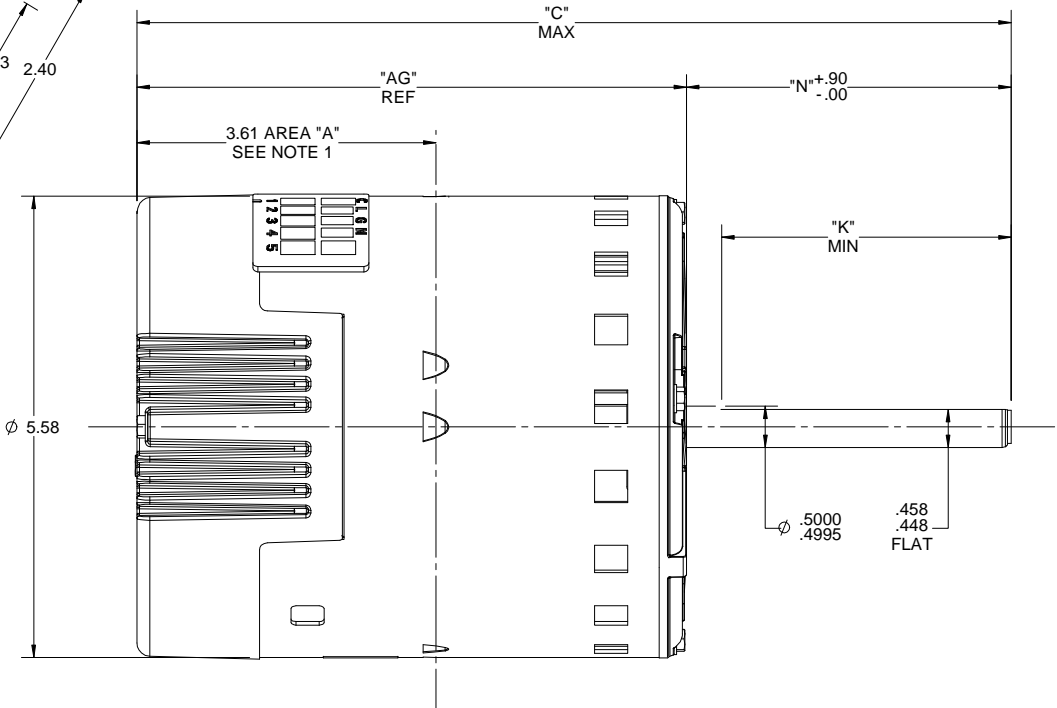
Electrical Type	Electronically Commutated Motor	Poles	12
Rotation	Reversible	Mounting	Round
Motor Orientation	Vertical Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	11.28 in
Frame Length	5.57 in	Shaft Diameter	0.500 in
Shaft Extension	3.92 in		

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CONNECTOR ID	DESCRIPTION	OPERATING MODE
C	SIGNAL COMMON	SIGNAL COMMON
L	LINE 1	LINE 1
G	GROUND	GROUND
N	NEUTRAL	NEUTRAL
1	TAP 1	LOW (PWM)
2	TAP 2	MID-LOW
3	TAP 3	MID
4	TAP 4	MID-HIGH
5	TAP 5	HIGH



SEE NOTE#3



- NOTE:
- BELLY BAND MUST NOT BE PLACED WITHIN AREA "A"
 - APPROXIMATE WEIGHT IS 16.06 LB
 - OPTIONAL EXTERNAL #8 SELF TAPPING GROUND SCREW AND TERMINAL MAY BE PROVIDED BY CUSTOMER AT LOCATION SHOWN.

11.28	3.92	3.50	7.36
C	N	K	AG

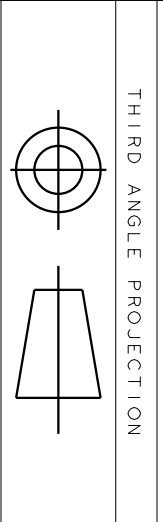
NAMEPLATE DATA	
MODEL	5SME39NXL5033
CUSTOMER	DEF PUR
CUSTOMER P/N	STOCK NO 6407
H.P	3/4
RPM	1075
VOLTS	460
HZ	60/50
AMPS	3.1
ROTATION	CCW/CW
MTG POSITION	HOR/VSD

DRAWING REVISION H	REVISION BY KEP	DATE 12/26/2017
ECO ECO-0129397	APPROVED BY ANDREA	DATE 12/26/2017
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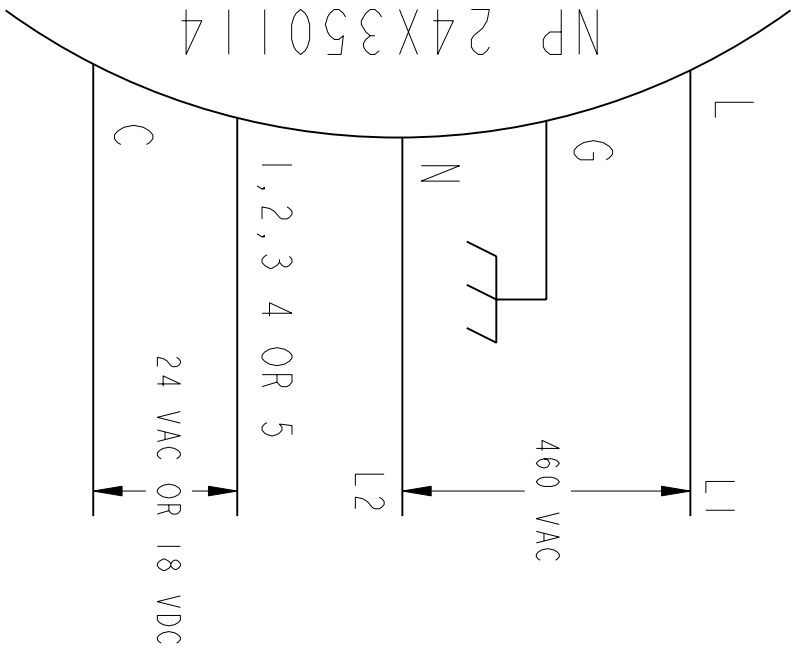
DRAWN BY VNR	Regal Beloit America, Inc.
DATE 09/02/2013	
APPROVED BY SBD	DESCRIPTION OUTLINE Evergreen 460V
DATE 09/02/2013	MATERIAL
REFERENCE	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B
	DRAWING NUMBER 5SME39NXL5033
	SHEET 1 OF 1

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REVISIONS		DATE	APPROVED
REV.	DESCRIPTION		



460V UNIT CONNECTION



FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE
APPLIED PRACTICES	MODEL	
DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCE ON:	CHECKED	2/04/2010
1 PL DECIMALS ± 0.1		
2 PL DECIMALS ± 0.01	ENGRG	
3 PL DECIMALS ± 0.005	MFG	
ANGLES ± 0.5	QUALITY	
FRACTIONS ±	ISSUED	2/04/2010
FINISH	Prashant.B	
MATERIAL	SOLID MODEL:	

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TITLE
NAME PLATE CONNECTION DIAGRAM

NAME PLATE CONNECTION DIAGRAM
 FMF X13 - 460V MODELS

SIZE: DRAWING
 A

SCALE:

24X350114

REV
 0

SHEET 1 of 1