

PRODUCT INFORMATION PACKET



Model No: 6510V

Catalog No: 6510V

EVERGREEN® VS Fan and Blower Motor, 1 HP, 1 Ph, 60/50 Hz, 120/240 V, 1050 RPM, 5 Speed, 48 Frame,
OPAO



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Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	120/240 V
Speed	1050 rpm	Service Factor	1
Frame	48	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	12.8/7.4 A
Duty	Continuous Air Over	Insulation Class	B
UL	No	CSA	N
CE	Y	A2L Status	A2L Certified
Number of Speeds	5		

Technical Specifications

Electrical Type	Electronically Commutated Motor	Poles	12
Rotation	Counterclockwise/Clockwise	Mounting	Round
Motor Orientation	Vsd	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	12.71 in
Frame Length	5.57 in	Shaft Diameter	0.500 in
Shaft Extension	5.00 in		
Outline Drawing	5SME39SXL3222	Connection Drawing	N/R

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CONNECTOR ID

DESCRIPTION

+V

12V INPUT

Tx

SERIAL DATA OUTPUT

Rx

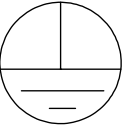
SERIAL DATA INPUT

C

COMMON

JMP

JUMPER APPLICATION FOR 120VAC LINE INPUT ONLY
SEE NOTE 4



GROUND

N

AC LINE

L1

AC LINE

NOTE - 1

- FOR VUI MOTOR (5SME39SXL3222A), USE #CPN 6510VUI
- FOR VS MOTOR (5SME39SXL3222), USE #CPN 6510V

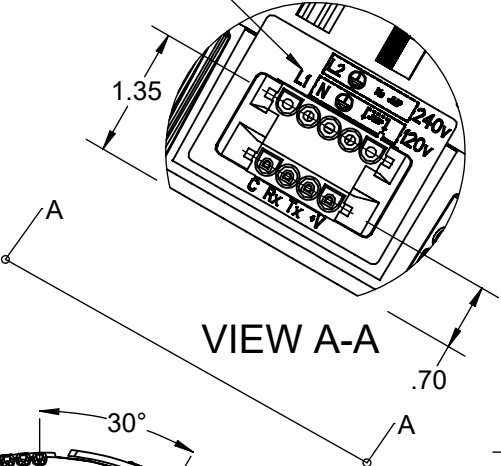
NAMEPLATE DATA

MODEL	SEE NOTE - 1
CPN/STOCK NO	SEE NOTE - 1
HP	1HP
RPM	1050
VOLTS	120/240
HZ	60/50
AMPS	12.8/7.4
ROTATION	CCW/CW
MTG. POSITION	VSD

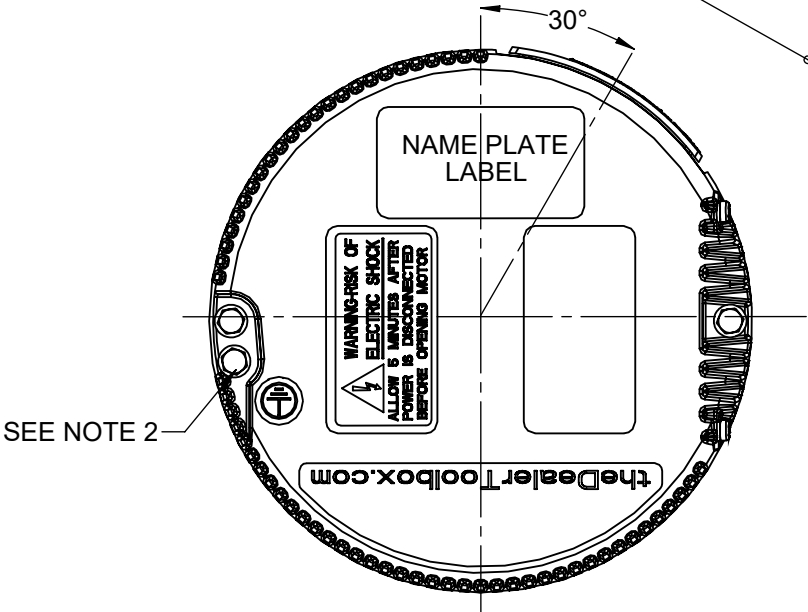
VENTILATION SYSTEM

SHELL VENTS	OPEN
ENDSHIELD (LE)	NA
ENDSHIELD (OLE)	CLOSED

SEE TABLE FOR CONNECTION DEFINITIONS



VIEW A-A



NOTES:

- BELLY BAND MUST BE PLACED WITHIN AREA "A" ONLY
- OPTIONAL EXTERNAL #8 SELF TAPPING GROUND SCREW AND TERMINAL MAY BE PROVIDED BY CUSTOMER AT LOCATION SHOWN.
- SUGGESTED MATING CONNECTORS:
5 PIN CONNECTOR - TYCO 350809-1
4 PIN CONNECTOR - TYCO 350779-1
SOCKET (TIN) - FOR .060-.130 WIRE INS. DIA RANGE - TYCO 350536-1
FOR .130-.200 WIRE INS. DIA RANGE - TYCO 350537-1
- WARNING: APPLYING 240VAC LINE INPUT WITH JUMPER APPLIED WILL PERMANENTLY DAMAGE UNIT.

DRAWING REVISION
E

REVISION BY
SAI KIRAN.R

REV DATE/© DATE
8/7/2023

REQUEST NUMBER
ECR-0227061

APPROVED BY
DON.S

DATE
8/7/2023

REQUEST NUMBER DESCRIPTION
UPDATED AS PER ECR-0227061

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DRAWN BY
KEP

DATE
11/20/2017

APPROVED BY
ANDREA

DATE
11/20/2017

REFERENCE
-

THIRD ANGLE
PROJECTION



Regal Rexnord

Regal Beloit America, Inc.

DESCRIPTION

OUTLINE
ECM EVERGREEN VUI - 1HP

MATERIAL
-

PROCESS/FINISH
-

SIZE
B

DRAWING NUMBER
5SME39SXL3222

SHEET
1 OF 1

12.71

5.00

4.50

5.57

7.71

"C"

"N"

"K"

"XA"

"AG"

Ø 5.58

Ø .5000
.4995

.458
.448
FLAT

"C" MAX

"AG" MAX

N^{+0.09}
-0.00

"K" MIN

3.21 AREA "A"
SEE NOTE 1

"XA"

3

2

1

4

3

2

1

3 of 3