

PRODUCT INFORMATION PACKET



Model No: 6405
Catalog No: 6405

EVERGREEN® CM Fan and Blower Motor, 1/2 HP, 1 Ph, 60/50 Hz, 460 V, 1075 RPM, 1 Speed, 48 Frame, OPAO



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Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	460 V
Speed	1075 rpm	Service Factor	1
Frame	48	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	2.1 A
Duty	Continuous Air Over	Insulation Class	B
UL	No	CSA	N
CE	N	Number of Speeds	1

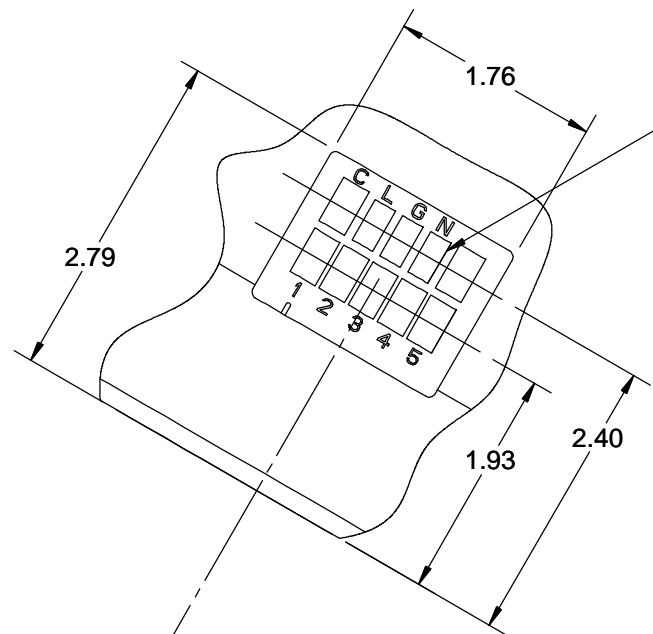
Technical Specifications

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	10.53 in
Frame Length	4.82 in	Shaft Diameter	0.500 in
Shaft Extension	3.92 in		
Outline Drawing	5SME39HXL5032	Connection Drawing	N/R

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

- NOTES:
- BELLY BAND MUST NOT BE PLACED WITHIN AREA "A".
 - APPROXIMATE WEIGHT IS 12.26 LBS.
 - OPTIONAL EXTERNAL #8 SELF TAPPING GROUND SCREW AND TERMINAL MAY BE PROVIDED BY CUSTOMER AT LOCATION SHOWN.



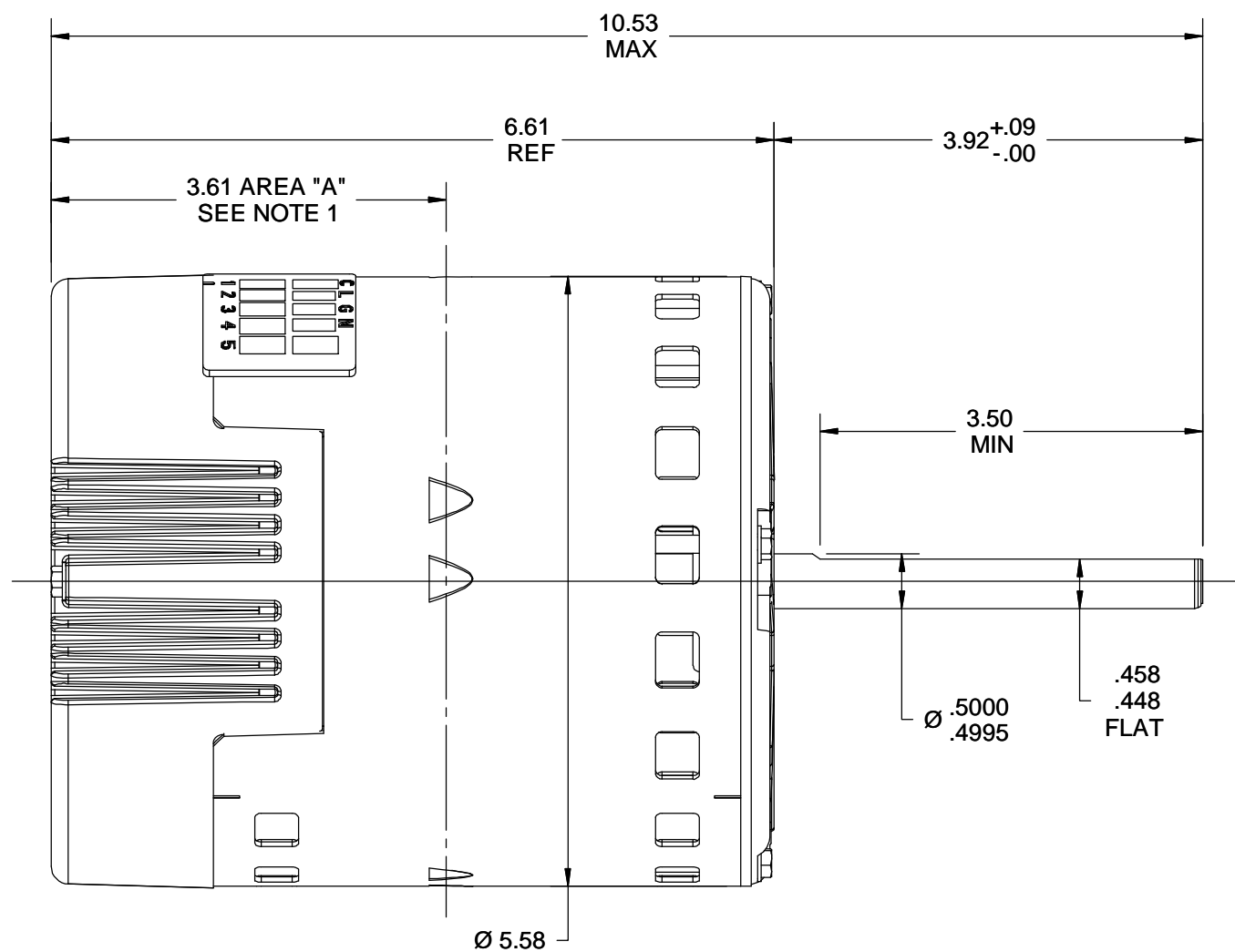
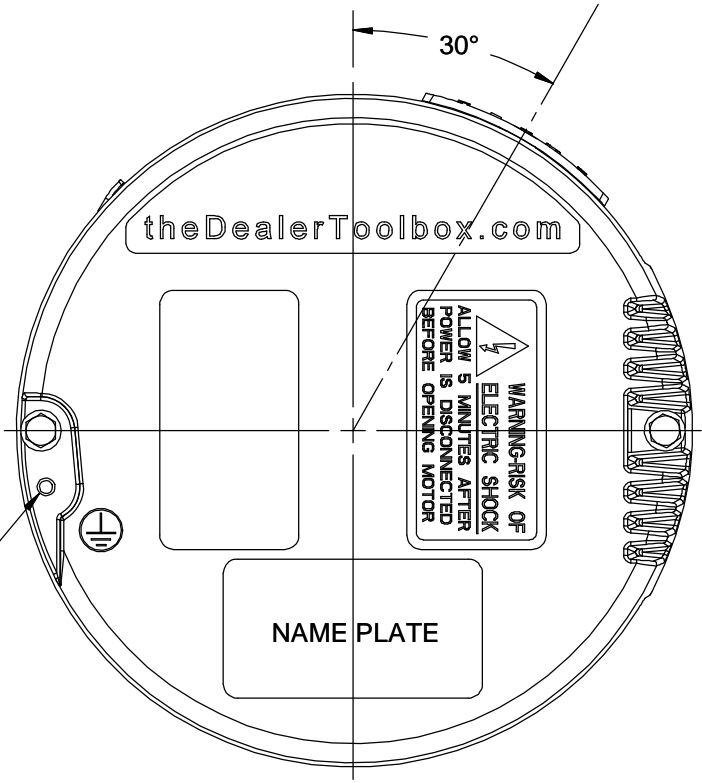
SEE TABLE FOR CONNECTION DEFINITIONS

B

B

A

A



NAMEPLATE DATA	
MODEL	5SME39HXL5032
CUSTOMER	DEF PUR
CPN/STOCK NO.	STOCK NO 6405
H.P.	1/2
RPM	1075
VOLTS	460
HZ	60/50
AMPS	2.1
ROTATION	CCW/CW
MTG POSITION	HOR/VSD

DRAWING REVISION G	REVISION BY KEP	DATE 12/26/2017
ECO ECO-0129397	APPROVED BY ANDREA	DATE 12/26/2017
ECO DESCRIPTION UPDATED AS PER ECO REQUEST		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP
 EDGES: .003/.015 [.076/.381]
 CORNER FILLETS: .02 [.51]
 MACHINED SURFACES: 125 $\sqrt{\text{mm}}$ 3.2 $\sqrt{\text{mm}}$
 mm SHOWN IN [BRACKETS]

DRAWN BY VB	DATE 09/02/2015
APPROVED BY VB	DATE 09/02/2015
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION OUTLINE Endura Pro 1/2 HP 460V	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER 5SME39HXL5032
	SHEET 1 OF 1