

PRODUCT INFORMATION PACKET



Model No: 6210X

Catalog No: 6210X

EVERGREEN® EM Fan and Blower Motor, 1 HP, 1 Ph, 60/50 Hz, 115/230 V, 1050 RPM, 1 Speed, 48 Frame,
OPAO



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Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1050 rpm	Service Factor	1
Frame	48	Enclosure	Open Air Over
Thermal Protection	Electronically Protected	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	12.2/9.0 A
Duty	Continuous Air Over	Insulation Class	B
UL	No	CSA	N
CE	N	A2L Status	A2L Certified
Number of Speeds	1		

Technical Specifications

Electrical Type	Electronically Commutated Motor	Poles	10
Rotation	Counterclockwise/Clockwise	Mounting	Round
Motor Orientation	Hor	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	12.45 in
Frame Length	4.07 in	Shaft Diameter	0.500 in
Shaft Extension	4.92 in		
Connection Drawing	N/R	Outline Drawing	5SEA39MLP8021G

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Winding and Test Specification

WTS # 24X333829-1

Revision # 3

Rev. Date : Mar 20, 2019

First Made for : ONESITE 1 HP

WTS Nameplate Data

Horsepower	1	RPM	1050
Voltage	115/230	Amps	12.20
Frequency	60/50	Phases	1
Capacitor		Cap Volts	

Test Volts : Low Spd St Volts :

Test Frequency :

Test Instructions : 24A105040AA-P1

Winding

Resistance

	Min	Nominal	Max
Main *	1.83	1.92	2.02
X Main	1.83	1.92	2.02
Y Main			
Z Main			
W Main			
Start	1.83	1.92	2.02

N. L. Performance Data

	Amps	Watts		Cap. Volts
	Nominal	Nominal	Max	
High				
Med. High				
Medium				
Med. Low				
Low				

Full Load Performance

Amps		Watts		Speed	Torque	
Nominal	Max	Nominal	Max	Nominal	Min	Nominal

Max. Torque

	RPM	Torque	
		Min	Nominal
High			
Med. High			
Medium			
Med. Low			
Low			

Locked Rotor

Amps	Watts	Torque
Nominal	Nominal	Nominal

Customer/Special Load Points

	Speed	Torque		Watts		Amps	
	Nominal	Min	Nominal	Nominal	Max	Nominal	Max
High							
Med. High							

	Medium							
	Med. Low							
	Low							

* Large wire size may be double stranded.

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Motor Details

Model :	5SEA39MLP8021G	Catalog Number :	
General:			
Application :	INDOOR INT CONTROL	Motor Category :	COMPLETE MOTOR
Phases :	1	Production Status :	PROD
# of Speeds :	1	Stock Status :	
Testspec :	24X333829-1	Approved For Sale :	
Horiz/Vertical :	HOR	Restricted Model :	
Shell Enclosure :	OPEN	Customer :	DEF PUR
Endshield Enclosure :	CLOSED	Customer Part# :	6210X
Nameplate Data:			
Horsepower :	1	GE Type :	SME
RPM :	1050	Time Rating :	CAO
Voltage :	115/230	Frequency :	60/50
FL Amps :	12.2/9.0	Insulation Class:	B
Capacitor 1mFd/V :	N/R	Capacitor 2mFd/V :	N/R
Additional Information :	45 DEG C AMBIENT N/R		
Miscellaneous:			
Fullload RPM - HI :		GE Frame :	39
Poles :	10	Shell Length :	4.07
Rotation :	CCW/CW	Drains :	N
Thermal Protection :		Est. Weight :	15
Finish Color:	GREEN	Capacitor By :	N/R
OVERLOAD INFORMATION::			
Protector:	ELECTRONICALLY PROTECTED	Overload Temp :	N/A
Catalog No:	N/A	Vendor Name:	N/A
THERMAL CUT-OFF INFORMATION:			
TCO:	N/A	Overload Temp :	N/A
Catalog No:	N/A	Vendor Name:	N/A
U.L.CONSTRUCTION FILES:			
Motor Construction:	E46035(excluding SME)	Class B Insulation :	E306343(excluding SME)
Over Load :	E27885(excluding SME)	CSA(REY) :	MC236833(excluding SME)
Shaft:			
PE Type :	FLAT	OPE Type :	N/R
PE Length :	4.92	OPE Length :	N/R
PE Diameter :	.5	OPE Diameter :	0
PE Flat Length :	4.50	OPE Flat Length :	N/R
Endshields:			
PE Material :	AL	OPE Material :	AL
PE Hub Type :	FLAT	OPE Hub Type :	FLAT
PE Oiler :	N/R	OPE Oiler :	N/R
PE Oil Plug :	N/R	OPE Oil Plug :	N/R
PE Mounting Holes :	N/R	OPE Mounting Holes :	N/R
Bearings:			
PE Bearing Type :	BALL	OPE Bearing Type :	BALL
Bearing Protection :	No	Rohs Compliant :	No
Mounting:			
Base :	N/R	Lug :	N/R
Clamp Screw :	Yes	Weld Screw :	No
Extended Clamp Screws:			
PE Pattern :		OPE Pattern :	
PE Length :	0	OPE Length :	0
PE Nut Qty :	0	OPE Nut Qty :	0
Head End :	OPE	Screw Size :	#8
Nut Thickness :	N/R		
Lead & Cord :			
Lead End :	OPE	Lead Type :	TERM BLOCK
Lead Exit H/W :	N/R	Lead Harness Desc :	N/R
Lead Exit H/W Orient. :	N/R		

Note : Exit position is viewed from the Lead End with the Shell Weld at 6:00.

Terminal Block :

Type :	N/R	Qty :	0
Termination :	N/R	Label 1 :	N/R
Location 1 :	N/R		

Grounding :

Type :	N/R	Location :	N/R viewed from N/R with Oil boss at 12:00
Exit Type :	N/R	AWG Size :	0
Length :	N/R	Color :	N/R
Terminal :	N/R	Ins.Material & Thickness	N/R N/R

Diagrams and Dimensions :

Outline Drawing :	5SEA39MLP8021G	C-Dimension :	12.45
Connection Diagram :	423B631 Fig# 35	Connection Label :	N/R

Notes :

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