

PRODUCT INFORMATION PACKET



Model No: 5SME39HXL175I-S
Catalog No: 5SME39HXL175I-S
REY BUILT - MTR FROM INDIA

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**Nameplate Specifications**

Phase	1	Output HP	1/2 Hp
Voltage	208-230/277 V	Speed	1050 rpm
Service Factor	1	Frame	48
Enclosure	Open Air Over	Thermal Protection	No Protection
Ambient Temperature	40 °C	Frequency	60/50 Hz
Current	3.6 A	Duty	Continuous Air Over
Insulation Class	B	UL	Recognized
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	9.67 in
Frame Length	4.82 in	Shaft Diameter	0.500 in
Shaft Extension	3.92 in		
Outline Drawing	5SME39HXL175I	Connection Drawing	24X328008

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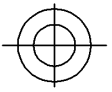
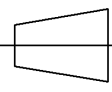
Winding and Test Specification

WTS # 24X332717-1																			
Revision # 2				Rev. Date : Jul 13, 2018				First Made for :											
WTS Nameplate Data																			
Horsepower	1/2		RPM	1050															
Voltage	277/208-230/115		Amps	4.10 6.80															
Frequency	60/50		Phases	1															
Capacitor			Cap Volts																
Test Volts : 115				Low Spd St Volts :															
Test Frequency : 60																			
Test Instructions : 24A105040AA-P1																			
Winding		Resistance																	
		Min		Nominal		Max													
Main *		6.17		6.50		6.83													
X Main		6.17		6.50		6.83													
Y Main																			
Z Main																			
W Main																			
Start		6.17		6.50		6.83													
N. L. Performance Data																			
		Amps			Watts		Cap. Volts		Amps		Watts		Speed		Torque				
		Nominal		Nominal		Max				Nominal		Max		Nominal		Min		Nominal	
High		3.55		33		40													
Med. High																			
Medium																			
Med. Low																			
Low																			
Max. Torque																			
		RPM		Torque		Locked Rotor													
						Amps		Watts		Torque		Nominal		Nominal					
High						Nominal													
Med. High																			
Medium																			
Med. Low																			
Low																			
Customer/Special Load Points																			
		Speed		Torque		Watts		Amps											
		Nominal		Min		Nominal		Nominal		Max		Nominal		Max					
High																			
Med. High																			
Medium																			
Med. Low																			
Low																			

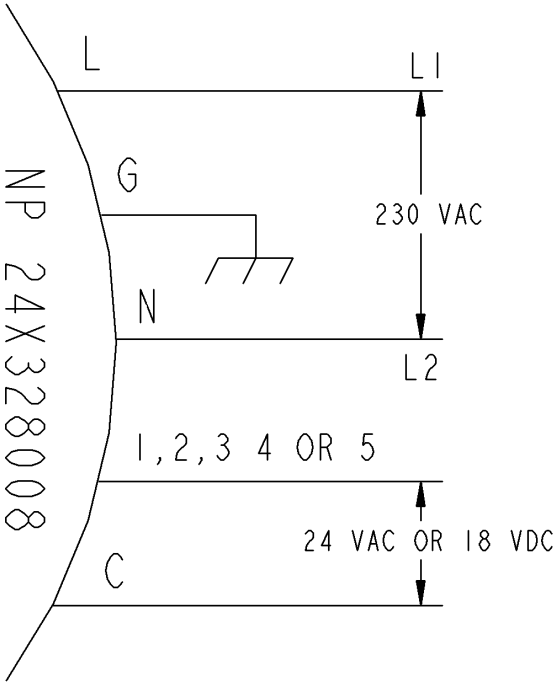
* Large wire size may be double stranded.

NAME: 501108895 OBJECT: 24X328008 DATE: 16-May-05 19:37:32

REV	SHEET	DRAWING NO.	SIZE	REVISIONS			
				REV.	DESCRIPTION	DATE	APPROVED
2	24X328008	A	A	1	MODIFIED PER ISAAC 05-1148	SURAJ 05/16/05	PALESH
				2	CHANGED "GE" FORMAT TO "RBC" FORMAT AS PER ISAAC 05-1777	GEETHA 09/05/05	PALESH

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THIRD ANGLE PROJECTION	
	

230V UNIT CONNECTION



FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE
APPLIED PRACTICES	MODEL	
DIMENSIONS ARE IN INCHES	DETAIL	SREYAS 05/09/05
TOLERANCE ON:	CHECKED	
1 PL DECIMALS ± 0.1	ENGRG	
2 PL DECIMALS ± 0.01	MFG	
3 PL DECIMALS ± 0.005	QUALITY	
ANGLES ± 0.5	ISSUED	
FRACTIONS ±		
FINISH		

TITLE	
NAME PLATE CONNECTION DIAGRAM	
FMF X-13 MODELS	

SIZE	DRAWING	REV
A	24X328008	2

SCALE:		SHEET
		1 of 1

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X Main	6.17	6.50	6.83										
Y Main													
Z Main													
W Main													
Start	6.17	6.50	6.83										
N. L. Performance Data					Full Load Performance								
	Amps	Watts		Cap. Volts	Amps		Watts		Speed	Torque			
	Nominal	Nominal	Max		Nominal	Max	Nominal	Max	Nominal	Min	Nominal		
High	3.55	33	40										
Med. High													
Medium													
Med. Low													
Low													
	Max. Torque			Locked Rotor									
	RPM	Torque		Amps	Watts	Torque	Nominal	Nominal					
		Min	Nominal										
High				Nominal									
Med. High													
Medium													
Med. Low													
Low													
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.



Motor Details

Model :	5SME39HXL175I	Catalog Number :	N/A
General:			
Application :	INDOOR INT CONTROL	Motor Category :	COMPLETE MOTOR
Phases :	1	Production Status :	PROD
# of Speeds :	1	Stock Status :	
Testspec :	24X332717-1	Approved For Sale :	
Horiz/Vertical :	VSD	Restricted Model :	
Shell Enclosure :	OPEN	Customer :	ALL
Endshield Enclosure :	CLOSED	Customer Part# :	N/R
Nameplate Data:			
Horsepower :	1/2	GE Type :	SME
RPM :	1050	Time Rating :	CAO
Voltage :	208-230/277	Frequency :	60/50
FL Amps :	3.6	Insulation Class:	B
Capacitor 1mFd/V :	N/R	Capacitor 2mFd/V :	N/R
Additional Information :	N/R		
Miscellaneous:			
Fullload RPM - HI :		GE Frame :	39
Poles :	12	Shell Length :	4.82
Rotation :	CCW/CW	Drains :	Y
Thermal Protection :		Est. Weight :	12
Finish Color:	STD GRAY	Capacitor By :	N/R
OVERLOAD INFORMATION::			
Protector:	N/R	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 :	3.92	OPE Length :	N/R
PE Diameter :		OPE Diameter :	
PE Flat Length :	3.50	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 :	PE	Screw Size :	#8
Nut Thickness :	.12		
Lead & Cord :			
Lead End :	OPE	Lead Type :	SINGLE COND
Lead Exit H/W :	N/R	Lead Harness Desc :	LEAD HARNESS
Lead Exit H/W Orient. :	N/R		
Note : Exit position is viewed from the Lead End with the Shell Weld at 6:00.			
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 :		C-Dimension :	
Connection Diagram :	423B631 Fig# 35	Connection Label :	24X328008
Notes :			
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