

PRODUCT INFORMATION PACKET



Model No: 5SME39HXL214I
Catalog No: 5SME39HXL214I
REY BUILD - MTR FROM INDIA

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Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Voltage	208-230 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	4.1 A	Duty	Continuous Air Over
Insulation Class	B	UL	Recognized
CSA	Y	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Electronically Commutated Motor	Poles	12
Rotation	Counterclockwise	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	5SME39HXL214I	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				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		Torqu e				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.

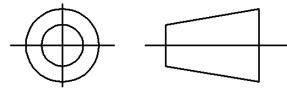
NAME: 501108895 OBJECT: 24X328008 DATE: 16-May-05 19:37:32

REV	SHEET	REVISIONS	DATE	APPROVED
2	2	1	05/16/05	PALESH
		2	09/05/05	PALESH

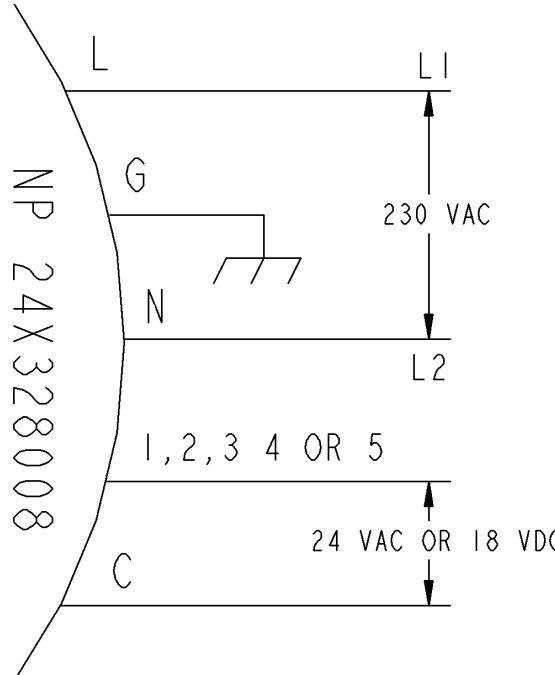
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THIRD ANGLE PROJECTION



230V UNIT CONNECTION

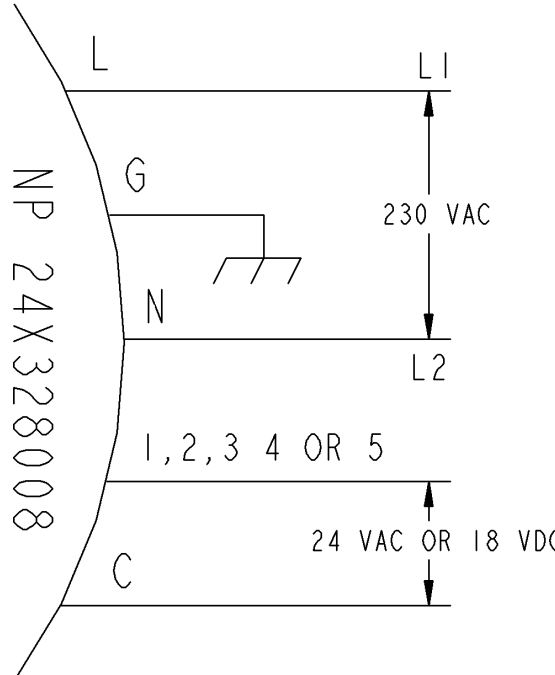


FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE	 REGAL-BELOIT CORPORATION TITLE NAME PLATE CONNECTION DIAGRAM FMF X-13 MODELS
APPLIED PRACTICES	MODEL		
DIMENSIONS ARE IN INCHES	DETAIL	SREYAS 05/09/05	
TOLERANCE ON:	CHECKED		
1 PL DECIMALS ± 0.1	ENGRG		
2 PL DECIMALS ± 0.01	MFG		
3 PL DECIMALS ± 0.005	QUALITY		SIZE DRAWING A
ANGLES ± 0.5	ISSUED		
FRACTIONS ±			24X328008
FINISH			
MATERIAL	SOLID MODEL: MODEL NAME		SCALE:

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
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

230V UNIT CONNECTION



Winding and Test Specification

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WTS Nameplate Data											
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Frequency	60/50		Phases	1							
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Test Volts : 115		Low Spd St Volts :									
Test Frequency : 60											
Test Instructions : 24A105040AA-P1											
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	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				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 :	5SME39HXL214I	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 :	CARRIER
Endshield Enclosure :	CLOSED	Customer Part# :	HD44AR238
Nameplate Data:			
Horsepower :	1/2	GE Type :	SME
RPM :	1050	Time Rating :	CAO
Voltage :	208-230	Frequency :	60/50
FL Amps :	4.1	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	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 & PLUG ASM
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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Date of last revision : 08-NOV-18