

PRODUCT INFORMATION PACKET



Model No: 5SME39HXL213I
Catalog No: 5SME39HXL213I
REY BUILD - MTR FROM INDIA

Regal and Genteq are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E



**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	5SME39HXL213I	Connection Drawing	24X328008

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/19/2025

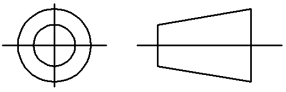
Winding and Test Specification

WTS # 24X332717-1																																																																																																							
Revision # 2				Rev. Date : Jul 13, 2018				First Made for :																																																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="background-color: #4f81bd; color: white;">WTS Nameplate Data</th> </tr> <tr> <td style="width: 25%;">Horsepower</td> <td style="width: 25%;">1/2</td> <td style="width: 25%;">RPM</td> <td style="width: 25%;">1050</td> </tr> <tr> <td>Voltage</td> <td>277/208-230/115</td> <td>Amps</td> <td>4.10 6.80</td> </tr> <tr> <td>Frequency</td> <td>60/50</td> <td>Phases</td> <td>1</td> </tr> <tr> <td>Capacitor</td> <td></td> <td>Cap Volts</td> <td></td> </tr> <tr> <td colspan="2">Test Volts : 115</td> <td colspan="2">Low Spd St Volts :</td> </tr> <tr> <td colspan="2">Test Frequency : 60</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">Test Instructions : 24A105040AA-P1</td> </tr> </table>												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																																																															
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																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2" style="width: 15%;">Winding</th> <th colspan="3" style="background-color: #4f81bd; color: white;">Resistance</th> </tr> <tr> <th style="width: 15%;">Min</th> <th style="width: 15%;">Nominal</th> <th style="width: 15%;">Max</th> </tr> <tr> <td>Main *</td> <td>6.17</td> <td>6.50</td> <td>6.83</td> </tr> <tr> <td>X Main</td> <td>6.17</td> <td>6.50</td> <td>6.83</td> </tr> <tr> <td>Y Main</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z Main</td> <td></td> <td></td> <td></td> </tr> <tr> <td>W Main</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Start</td> <td>6.17</td> <td>6.50</td> <td>6.83</td> </tr> </table>												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																																																													
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																																																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="3" style="width: 10%;"></th> <th colspan="4" style="background-color: #4f81bd; color: white;">N. L. Performance Data</th> <th colspan="6" style="background-color: #4f81bd; color: white;">Full Load Performance</th> </tr> <tr> <th style="background-color: #4f81bd; color: white;">Amps</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Watts</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Cap. Volts</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Amps</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Watts</th> <th style="background-color: #4f81bd; color: white;">Speed</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Torque</th> </tr> <tr> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Max</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Max</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Max</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Min</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> </tr> <tr> <td>High</td> <td>3.55</td> <td>33</td> <td>40</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. High</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Medium</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>													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											
	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																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="3" style="width: 10%;"></th> <th colspan="3" style="background-color: #4f81bd; color: white;">Max. Torque</th> <th colspan="5" style="background-color: #4f81bd; color: white;">Locked Rotor</th> </tr> <tr> <th rowspan="2" style="background-color: #4f81bd; color: white;">RPM</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Torque</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Amps</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Watts</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Torque</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Nominal</th> <th rowspan="2" style="background-color: #4f81bd; color: white;">Nominal</th> </tr> <tr> <th style="background-color: #4f81bd; color: white;">Min</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> </tr> <tr> <td>High</td> <td></td> <td></td> <td></td> <td>Nominal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. High</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Medium</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>													Max. Torque			Locked Rotor					RPM	Torque		Amps	Watts	Torque	Nominal	Nominal	Min	Nominal	High				Nominal					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																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="3" style="width: 10%;"></th> <th colspan="7" style="background-color: #4f81bd; color: white;">Customer/Special Load Points</th> </tr> <tr> <th style="background-color: #4f81bd; color: white;">Speed</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Torque</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Watts</th> <th colspan="2" style="background-color: #4f81bd; color: white;">Amps</th> </tr> <tr> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Min</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Max</th> <th style="background-color: #4f81bd; color: white;">Nominal</th> <th style="background-color: #4f81bd; color: white;">Max</th> </tr> <tr> <td>High</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. High</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Medium</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Med. Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Low</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>													Customer/Special Load Points							Speed	Torque		Watts		Amps		Nominal	Min	Nominal	Nominal	Max	Nominal	Max	High								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																																																																																																							

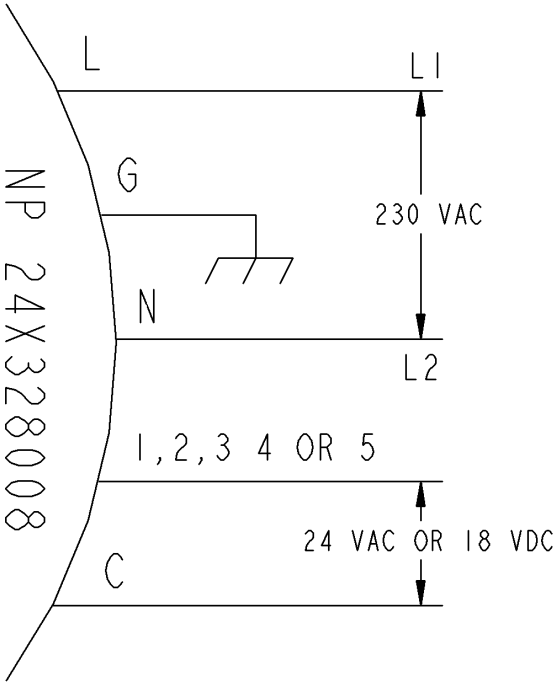
* Large wire size may be double stranded.

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

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION	
This document is the property of REGAL-BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.	
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

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	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 :	5SME39HXL213I	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# :	HD44AR237
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 :			

This document is the property of the Regal Beloit Company containing proprietary and confidential information.

Date of last revision : 08-NOV-18