

PRODUCT INFORMATION PACKET



Model No: 5SME39HXL145I-S
Catalog No: 5SME39HXL145I-S
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

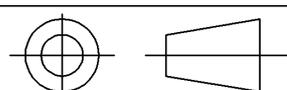
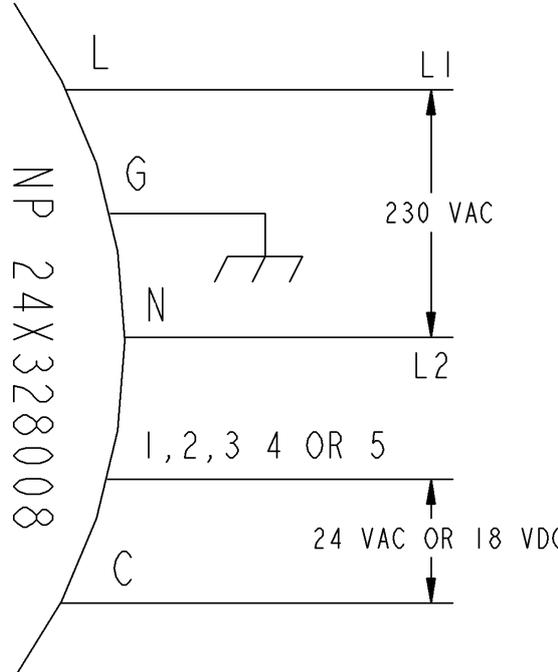
Electrical Type	Electronically Commutated Motor	Poles	12
Rotation	Clockwise	Mounting	Round
Motor Orientation	Vsd	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	7.89 in
Frame Length	4.82 in	Shaft Diameter	0.500 in
Shaft Extension	3.92 in		
Outline Drawing	5SME39HXL145I	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																
Locked Rotor																
	Max. Torque			Locked Rotor												
	RPM		Torque		Amps		Watts		Torque		Nominal		Nominal			
			Min		Nominal				e		Nominal		Nominal			
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. Regal Beloit Confidential Information

SHEET	1	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.	REVISIONS			
	2		REV.	DESCRIPTION	DATE	APPROVED
24X328008	A	THIRD ANGLE PROJECTION	1	MODIFIED PER ISAAC 05-1148	SURAJ 05/16/05	PALESH
24X328008	A		2	CHANGED "GE" FORMAT TO "RBC" FORMAT AS PER ISAAC 05-1777	GEETHA 09/05/05	PALESH
<h2 style="margin: 0;">230V UNIT CONNECTION</h2> 						
FOR ADDITIONAL INFO REFER TO: APPLIED PRACTICES DIMENSIONS ARE IN INCHES TOLERANCE ON: 1 PL DECIMALS ± 0.1 2 PL DECIMALS ± 0.01 3 PL DECIMALS ± 0.005 ANGLES ± 0.5 FRACTIONS ± FINISH <input checked="" type="checkbox"/>		SIGNATURES MODEL DETAIL SREYAS CHECKED ENGRG MFG QUALITY ISSUED	DATE 05/09/05	 REGAL-BELOIT CORPORATION TITLE <h3 style="margin: 0;">NAME PLATE CONNECTION DIAGRAM</h3> FMF X-13 MODELS		
MATERIAL		SOLID MODEL: MODEL NAME		SIZE DRAWING 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 :						
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	Amps		Watts		Cap. Volts		Amps		Watts		Speed		Torque			
	Nominal		Nominal		Max		Nominal		Max		Nominal		Min		Nominal	
High	3.55		33		40											
Med. High																
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Low																
Max. Torque																
	RPM		Torque		Locked Rotor											
			Min		Nominal		Amps		Watts		Torque		Nominal		Nominal	
High							Nominal									
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	Speed		Torque		Watts		Amps									
	Nominal		Min		Nominal		Nominal		Max		Nominal		Max			
High																
Med. High																
Medium																
Med. Low																
Low																

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Motor Details			
Model :	5SME39HXL145I	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# :	HD44AR232
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		
	N/R		
Miscellaneous:			
Fullload RPM - HI :		GE Frame :	48
Poles :	12	Shell Length :	4.82
Rotation :	CW	Drains :	Y
Thermal Protection :		Est. Weight :	-10
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 :	.5	OPE Diameter :	0
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 : OPE 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 : 5SME39HXL145I C-Dimension : 7.89
Connection Diagram : 423B631 Fig# 35 Connection Label : 24X328008

Notes :

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Date of last revision : 05-APR-19