

PRODUCT INFORMATION PACKET



Model No: 5SME39HXL184I-S
Catalog No: 5SME39HXL184I-S
SPF 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	5		

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	7.89 in
Frame Length	4.82 in	Shaft Diameter	0.500 in
Shaft Extension	3.92 in		
Outline Drawing	5SME39HXL184I	Connection Drawing	24X328008

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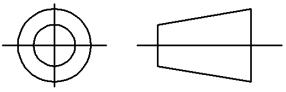
Winding and Test Specification

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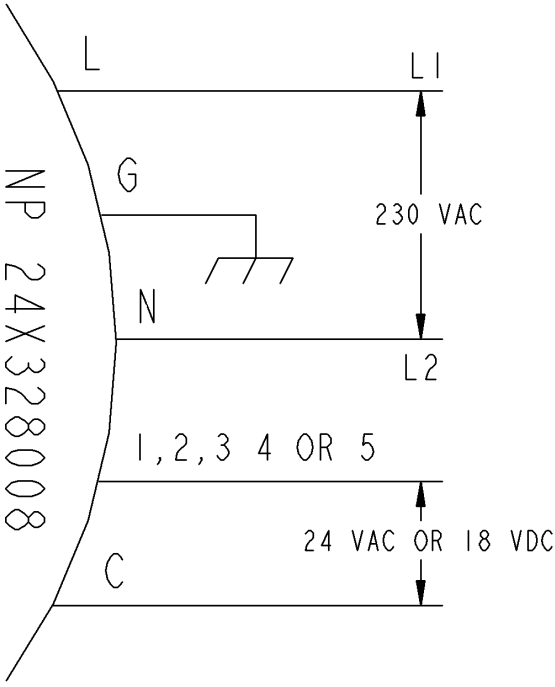
* Large wire size may be double stranded.

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

REV	SHEET	DRAWING NO.	SIZE	REVISIONS			
				REV.	DESCRIPTION	DATE	APPROVED
2	2	24X328008	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	REGAL-BELOIT CORPORATION	
APPLIED PRACTICES		MODEL			 NAME PLATE CONNECTION DIAGRAM FMF X-13 MODELS	
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 24X328008	
ANGLES ± 0.5		ISSUED				
FRACTIONS ±					REV 2	
FINISH	✓					
MATERIAL		SOLID MODEL: MODEL NAME			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												
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Medium																
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Low																

* Large wire size may be double stranded.



Motor Details			
Model :	5SME39HXL184I	Catalog Number :	N/A
General:			
Application :	INDOOR INT CONTROL	Motor Category :	COMPLETE MOTOR
Phases :	1	Production Status :	PROD
# of Speeds :	5	Stock Status :	
Testspec :	24X332717-1	Approved For Sale :	
Horiz/Vertical :	VSD	Restricted Model :	
Shell Enclosure :	OPEN	Customer :	CARRIER
Endshield Enclosure :	CLOSED	Customer Part# :	HD44AR242
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 :	48
Poles :	12	Shell Length :	4.82
Rotation :	CCW	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 :	5SME39HXL184I	C-Dimension :	7.89
Connection Diagram :	423B631 Fig# 35	Connection Label :	24X328008

Notes :

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Date of last revision : 05-APR-19