

# PRODUCT INFORMATION PACKET



Model No: 5SCA39KLP5005I-P

Catalog No: 5SCA39KLP5005I-P

REY BUILT - MTR FROM INDIA - 3/4 HP,200-1400 RPM,120/240 VOLTS,60/50 HZ,CCW/CW

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**Nameplate Specifications**

Phase	1	Output HP	3/4 Hp
Voltage	120/240 V	Speed	200-1400 rpm
Service Factor	1	Frame	48
Enclosure	Open Air Over	Thermal Protection	No Protection
Ambient Temperature	40 °C	Frequency	60/50 Hz
Current	N/R A	Duty	Continuous Air Over
Insulation Class	B	UL	No
CSA	N	CE	N
Number of Speeds	1		

**Technical Specifications**

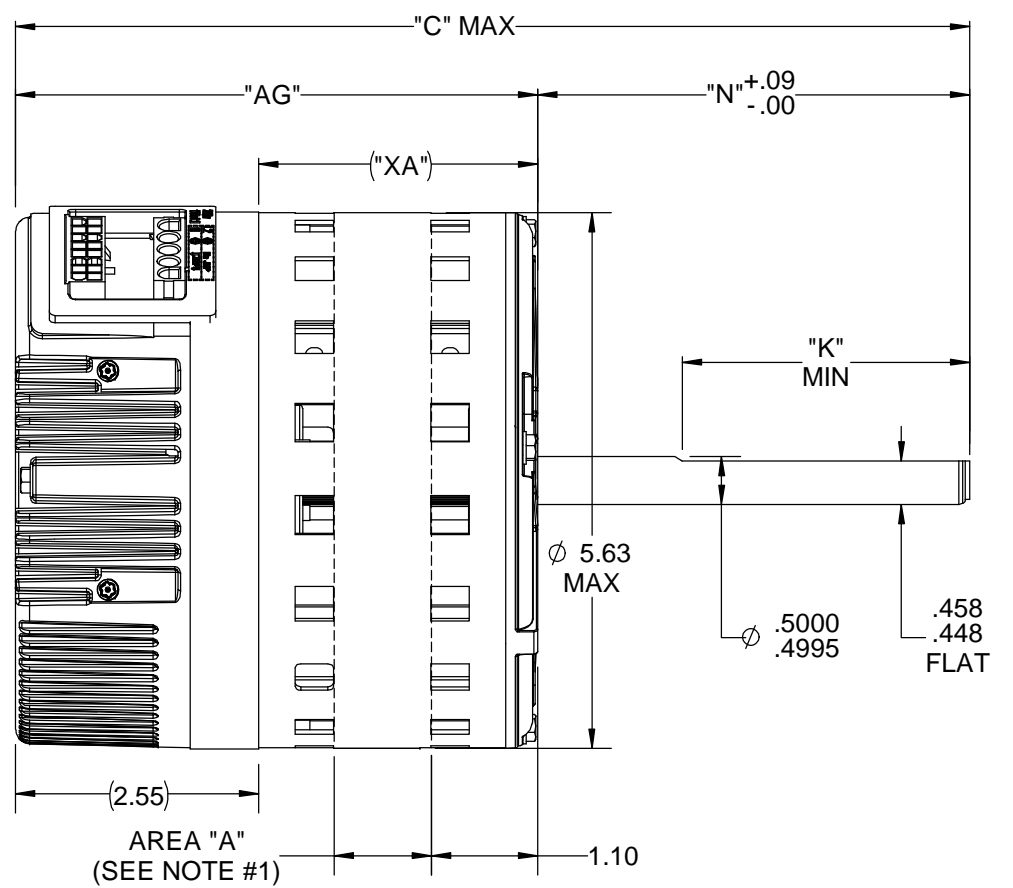
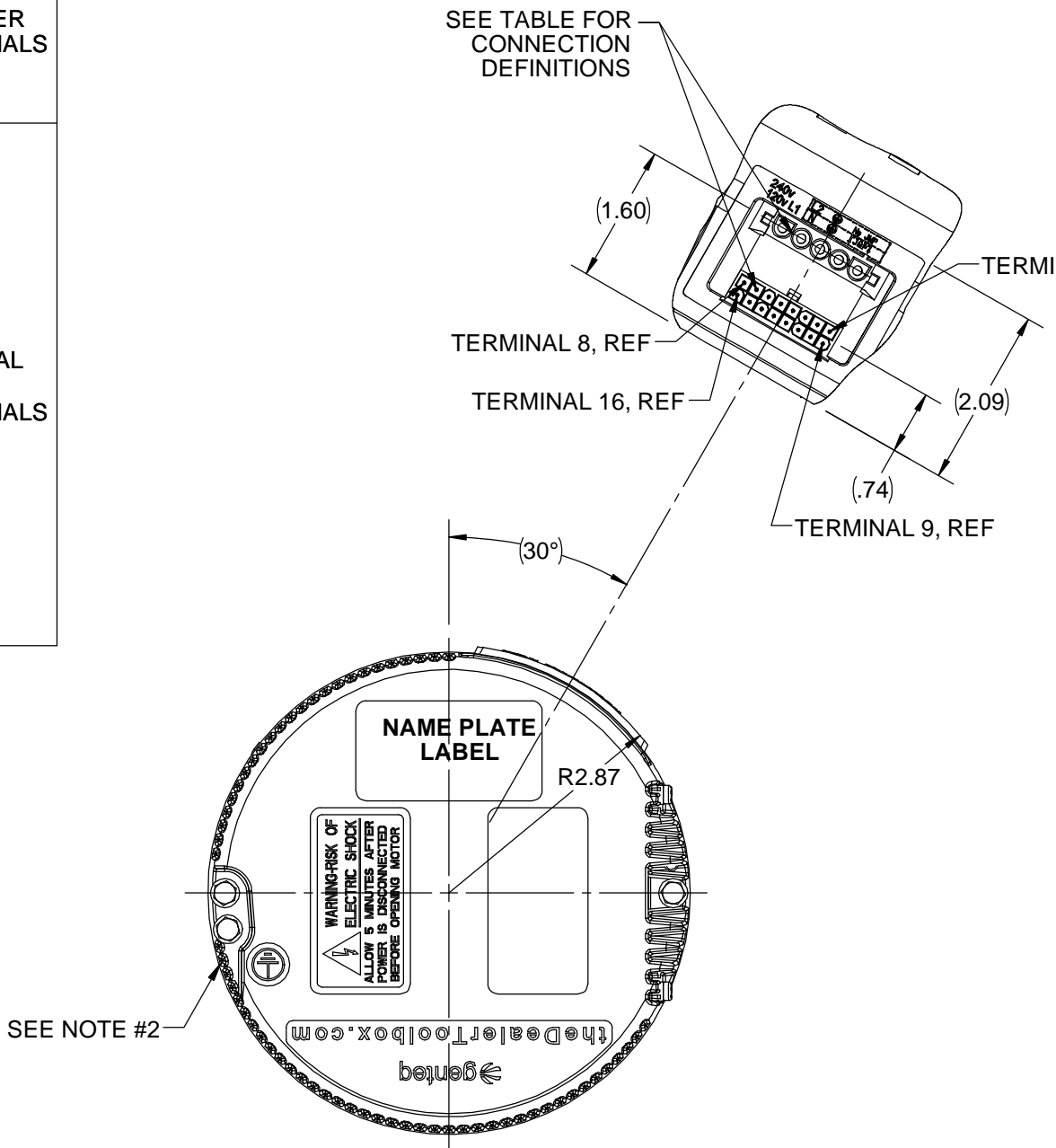
Electrical Type	Electronically Commutated Motor	Poles	10
Rotation	Counterclockwise/Clockwise	Mounting	Round
Motor Orientation	Hor	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	11.25 in
Frame Length	3.82 in	Shaft Diameter	0.500 in
Shaft Extension	4.50 in		
Connection Drawing	N/R	Outline Drawing	5SCA39KLP5005I

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4		POWER TERMINALS
L1	AC LINE	
N	AC LINE	
	GROUND	SIGNAL TO TERMINALS
JMP	120 VAC: USE LINE INPUT JUMPER 240 VAC: NO JUMPER SEE NOTE #4	
1	C1	
2	W/W1	
3	C2	
4	DELAY	
5	COOL	
6	Y1	
7	ADJUST	
8	OUT-	
9	O	
10	BK/PWM	
11	HEAT	
12	R	
13	EM/W2	
14	Y1/Y2	
15	G	
16	OUT+	

NAMEPLATE DATA	
MODEL	5SCA39KLDEV21
CUSTOMER NAME	REGAL
CPN #	N/R
H.P.	3/4
RPM	N/R
VOLTS	120/240
HZ	60/50
AMPS	N/R
ROTATION	CCW

VENTILATION SYSTEM	
SHELL VENTS	OPEN
ENDSHIELD (LE)	NA
ENDSHIELD (OLE)	OPEN



- NOTES:
- BELLY BAND MUST BE PLACED WITHIN AREA "A" ONLY FOR 1/3 HP = AREA A IS STACK + .25 ALL OTHERS = AREA A IS STACK + .12
  - OPTIONAL EXTERNAL #8 SELF TAPPING GROUND SCREW AND TERMINAL MAY BE PROVIDED BY CUSTOMER AT LOCATION SHOWN.
  - DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY.
  - WARNING: APPLYING 240VAC LINE INPUT WITH JUMPER APPLIED WILL PERMANENTLY DAMAGE UNIT.

DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0178384	APPROVED BY	DATE
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]			

DRAWN BY VB	DATE 10/11/2019
APPROVED BY	DATE
REFERENCE	THIRD ANGLE PROJECTION

11.29	4.50	4.00	6.73	3.825	1.00
"C"	"N"	"K"	"AG"	"XA"	"A"
<b>REGAL</b> ™ Regal Beloit America, Inc.					
<b>OUTLINE</b> EON INTEGRAL					
SIZE B	DRAWING NUMBER 5SCA39KLDEV21	PROCESS/FINISH		SHEET 1 OF 1	

# Winding and Test Specification

**WTS # 24X333741-1**

**Revision # 4**

**Rev. Date : Feb 01, 2017**

**First Made for : SPOKEDALEON**

### WTS Nameplate Data

<b>Horsepower</b>	3/4	<b>RPM</b>	1050
<b>Voltage</b>	115/230	<b>Amps</b>	8.40 6.00
<b>Frequency</b>	60/50	<b>Phases</b>	1
<b>Capacitor</b>		<b>Cap Volts</b>	

**Test Volts :** **Low Spd St Volts :**

**Test Frequency :**

**Test Instructions :** 24A105040AA-P1

### Winding

### Resistance

	Min	Nominal	Max
<b>Main *</b>	1.79	1.88	1.97
<b>X Main</b>	1.79	1.88	1.97
<b>Y Main</b>			
<b>Z Main</b>			
<b>W Main</b>			
<b>Start</b>	1.79	1.88	1.97

### N. L. Performance Data

	Amps	Watts		Cap. Volts
	Nominal	Nominal	Max	
<b>High</b>				
<b>Med. High</b>				
<b>Medium</b>				
<b>Med. Low</b>				
<b>Low</b>				

### Full Load Performance

Amps		Watts		Speed	Torque	
Nominal	Max	Nominal	Max	Nominal	Min	Nominal

### Max. Torque

	RPM	Torque	
		Min	Nominal
<b>High</b>			
<b>Med. High</b>			
<b>Medium</b>			
<b>Med. Low</b>			
<b>Low</b>			

### Locked Rotor

Amps	Watts	Torque
Nominal	Nominal	Nominal

### Customer/Special Load Points

	Speed	Torque		Watts		Amps	
	Nominal	Min	Nominal	Nominal	Max	Nominal	Max
<b>High</b>							
<b>Med. High</b>							

<b>Medium</b>							
<b>Med. Low</b>							
<b>Low</b>							

\* Large wire size may be double stranded.

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## Motor Details



<b>Model :</b>	<b>5SCA39KLP5005I</b>	<b>Catalog Number :</b>	<b>N/A</b>
<b>General:</b>			
Application :	<b>INDOOR INT CONTROL</b>	Motor Category :	<b>COMPLETE MOTOR</b>
Phases :	<b>1</b>	Production Status :	<b>PROD</b>
# of Speeds :	<b>1</b>	Stock Status :	
Testspec :	<b>24X333741-1</b>	Approved For Sale :	
Horiz/Vertical :	<b>HOR</b>	Restricted Model :	
Shell Enclosure :	<b>OPEN</b>	Customer :	<b>ALL</b>
Endshield Enclosure :	<b>LE O/OLE C</b>	Customer Part# :	<b>N/R</b>
<b>Nameplate Data:</b>			
Horsepower :	<b>3/4</b>	GE Type :	<b>SME</b>
RPM :	<b>200-1400</b>	Time Rating :	<b>CAO</b>
Voltage :	<b>120/240</b>	Frequency :	<b>60/50</b>
FL Amps :	<b>N/R</b>	Insulation Class:	<b>B</b>
Capacitor 1mFd/V :	<b>N/R</b>	Capacitor 2mFd/V :	<b>N/R</b>
Additional Information :	<b>N/R</b>		
<b>Miscellaneous:</b>			
Fullload RPM - HI :		GE Frame :	<b>39</b>
Poles :	<b>10</b>	Shell Length :	<b>3.82</b>
Rotation :	<b>CCW/CW</b>	Drains :	<b>Y</b>
Thermal Protection :		Est. Weight :	<b>13</b>
Finish Color:	<b>STD GRAY</b>	Capacitor By :	<b>N/R</b>
<b>OVERLOAD INFORMATION::</b>			
Protector:	<b>N/R</b>	Overload Temp :	<b>N/A</b>
Catalog No:	<b>N/A</b>	Vendor Name:	<b>N/A</b>
<b>THERMAL CUT-OFF INFORMATION:</b>			
TCO:	<b>N/A</b>	Overload Temp :	<b>N/A</b>
Catalog No:	<b>N/A</b>	Vendor Name:	<b>N/A</b>
<b>U.L.CONSTRUCTION FILES:</b>			
Motor Construction:	<b>E46035(excluding SME)</b>	Class B Insulation :	<b>E306343(excluding SME)</b>
Over Load :	<b>E27885(excluding SME)</b>	CSA(REY) :	<b>MC236833(excluding SME)</b>
<b>Shaft:</b>			
PE Type :	<b>FLAT</b>	OPE Type :	<b>N/R</b>
PE Length :	<b>4.50</b>	OPE Length :	<b>N/R</b>
PE Diameter :		OPE Diameter :	
PE Flat Length :	<b>4.00</b>	OPE Flat Length :	<b>N/R</b>
<b>Endshields:</b>			
PE Material :	<b>AL</b>	OPE Material :	<b>AL</b>
PE Hub Type :	<b>FLAT</b>	OPE Hub Type :	<b>FLAT</b>
PE Oiler :	<b>N/R</b>	OPE Oiler :	<b>N/R</b>
PE Oil Plug :	<b>N/R</b>	OPE Oil Plug :	<b>N/R</b>
PE Mounting Holes :	<b>N/R</b>	OPE Mounting Holes :	<b>N/R</b>
<b>Bearings:</b>			
PE Bearing Type :	<b>BALL</b>	OPE Bearing Type :	<b>BALL</b>
Bearing Protection :	<b>No</b>	Rohs Compliant :	<b>No</b>
<b>Mounting:</b>			
Base :	<b>N/R</b>	Lug :	<b>N/R</b>
Clamp Screw :	<b>Yes</b>	Weld Screw :	<b>No</b>
<b>Extended Clamp Screws:</b>			
PE Pattern :		OPE Pattern :	
PE Length :	<b>0</b>	OPE Length :	<b>0</b>
PE Nut Qty :	<b>0</b>	OPE Nut Qty :	<b>0</b>
Head End :	<b>PE</b>	Screw Size :	<b>#8</b>
Nut Thickness :	<b>N/R</b>		
<b>Lead &amp; Cord :</b>			
Lead End :	<b>OPE</b>	Lead Type :	<b>TERM BLOCK</b>
Lead Exit H/W :	<b>N/R</b>	Lead Harness Desc :	<b>N/R</b>

Lead Exit H/W Orient. : **N/R**

**Note** : Exit position is viewed from the Lead End with the Shell Weld at 6:00.

**Terminal Block :**

Type :	<b>N/R</b>	Qty :	<b>0</b>
Termination :	<b>N/R</b>	Label 1 :	<b>N/R</b>
Location 1 :	<b>N/R</b>		

**Grounding :**

Type :	<b>N/R</b>	Location :	<b>N/R</b> viewed from <b>N/R</b> with Oil boss at 12:00
Exit Type :	<b>N/R</b>	AWG Size :	<b>0</b>
Length :	<b>N/R</b>	Color :	<b>N/R</b>
Terminal :	<b>N/R</b>	Ins.Material & Thickness	<b>N/R N/R</b>

**Diagrams and Dimensions :**

Outline Drawing :		C-Dimension :	
Connection Diagram :	<b>423B631 Fig# 35</b>	Connection Label :	<b>N/R</b>

**Notes :**

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Date of last revision : **11-MAY-23**

