

# PRODUCT INFORMATION PACKET

Model No: 3S010

Catalog No: 3S010

OEM Replacement Motor, 1/2 HP, 1 Ph, 60 Hz, 208-230 V, 1075/950 RPM, 2 Speed, 48 Frame, OAO



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**Nameplate Specifications**

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.70/ 3.60 A	Speed	1075/950 rpm
Service Factor	1	Phase	1
Duty	Continuous Air Over	Insulation Class	B
Frame	48	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

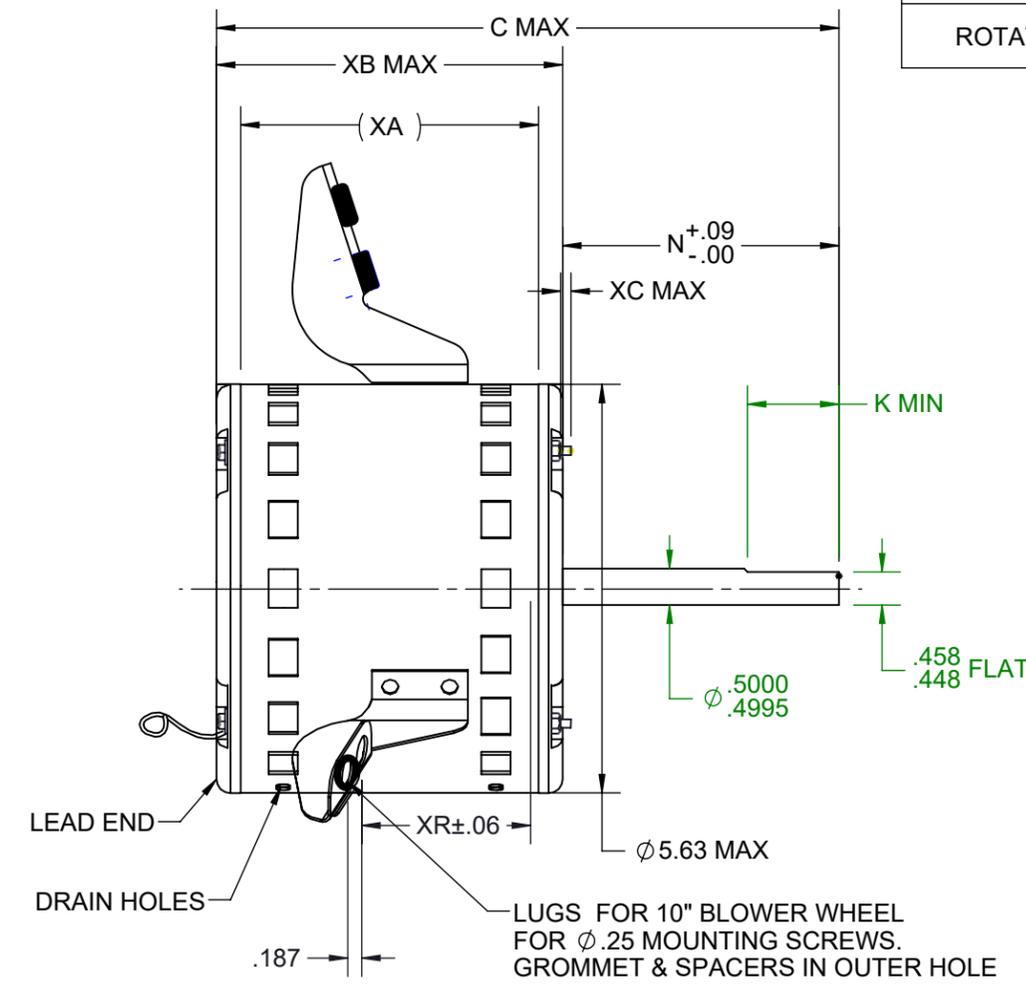
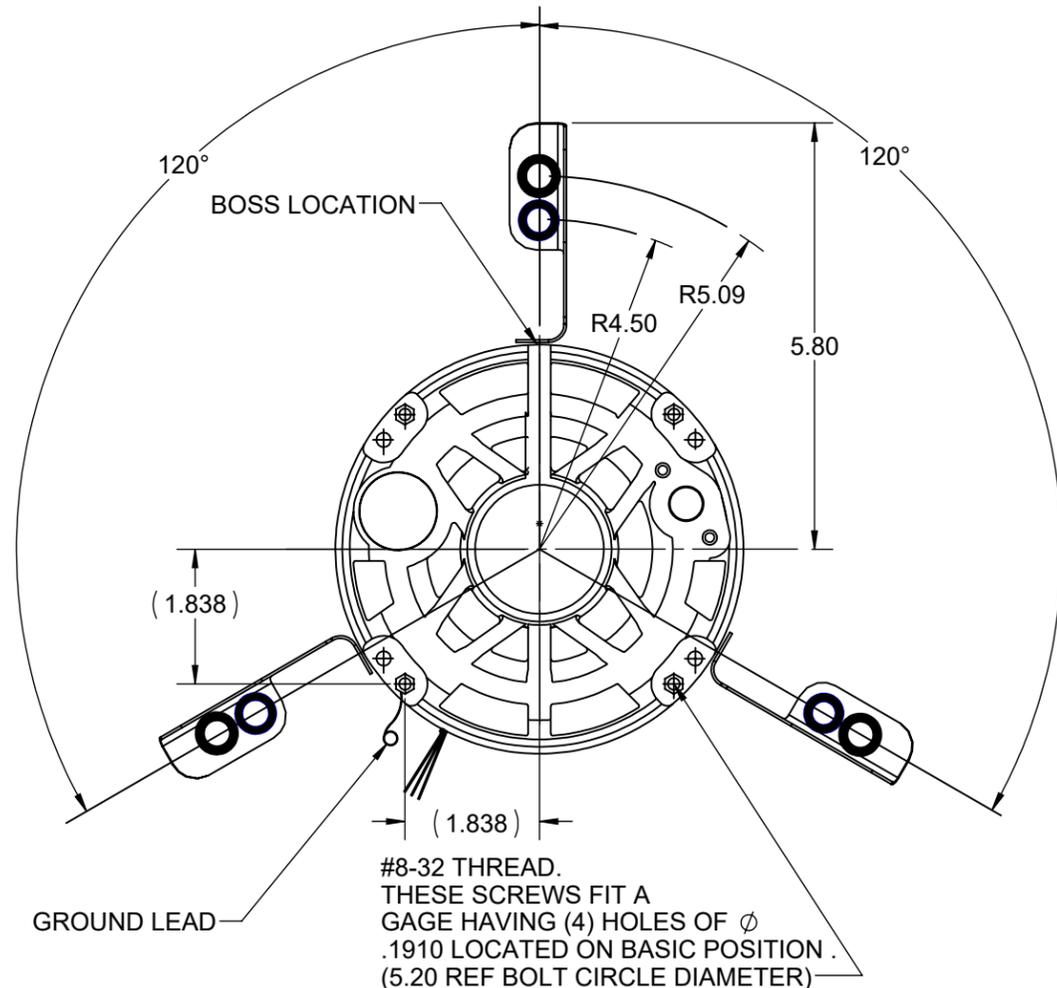
**Technical Specifications**

Electrical Type	Permanent Split Capacitor	Poles	6
Rotation	Counterclockwise	Mounting	Lug
Motor Orientation	Any	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	8.64 in
Frame Length	4.07 in	Shaft Diameter	0.500 in
Shaft Extension	3.00 in		
Connection Drawing	NP24X327063	Outline Drawing	5KCP39KGY924S

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VENTILATION SYSTEM	
SHELL VENTS	OPEN
ENDSHIELD (OPP.LEAD END)	OPEN
ENDSHIELD (LEAD END)	OPEN

3			2							1	
S.NO	CONNECTION	COLOR	EXIT TYPE	EXIT LOC (VIEWING LE)	GAGE	MATERIAL	WALL THK.	LENGTH	TERMINATION	NAMEPLATE DATA	
1	COMMON LEAD	PURPLE	SHELL NOTCH	7:00	18	THERMOPLASTIC	4/64	30.00	.25 SQC	MODEL	5KCP39KGY924S
2	CAPACITOR LEAD	BROWN	SHELL NOTCH	7:00	18	THERMOPLASTIC	4/64	12.00	.25 FQC	CUST. P/N	3S010
3	CAPACITOR LEAD	BROWN	SHELL NOTCH	7:00	18	THERMOPLASTIC	4/64	12.00	.25 FQC	HP	1/2
4	HIGH SPEED LEAD	BLACK	SHELL NOTCH	7:00	18	THERMOPLASTIC	4/64	30.00	.25 SQC	RPM	1075/950
5	LOW SPEED LEAD	RED	SHELL NOTCH	7:00	18	THERMOPLASTIC	4/64	30.00	.25 SQC	VOLTS	208-230
6	GROUND	GRN-YEL	CLAMP SCREW	7:30	18	THERMOPLASTIC	2/64	8.00	# 10-U NON INSLU. GRIP	HZ	60
										SPEEDS	2
										AMPS	2.70/ 3.60
										CAP. REQ'D-D1	12.5µfd/370 Volts
										CAP. REQ'D-D2	N/R
										CONN.DRW#	NP24X327063
										ROTATION	CCW (VIEWED FROM LE)



- NOTE:
- THE THREE LUGS SHOULD FIT A CONICAL GAGE PLATE WITH THREE PINS  $\phi$  .25 LOCATED ON THE BASIC POSITIONS.
  - MAXIMUM VARIATION BETWEEN ALL LUG MOUNTING SURFACES IS .40 °.
  - DIMENSIONS SHOWN ARE NOMINAL UNLESS OTHERWISE SPECIFIED.
  - ALL CLOCK LOCATIONS ARE WITH RESPECT TO THE WELD AT THE BOTTOM(6 O' CLOCK) AND LOOKING AT THE LEAD END.
  - NAME PLATE LABEL LOCATION : 315° - CENTER - READ FROM LE.

DRAWING REVISION E	REVISION BY RS	REV DATE/© DATE 04/28/2022
REQUEST NUMBER ECR-0217359	APPROVED BY RS	DATE 04/28/2022
REQUEST NUMBER DESCRIPTION ADDED CPN # AS PER ECR		
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DATE 1/27/2022		DESCRIPTION				
APPROVED BY PR	<p style="text-align: center;"><b>OUTLINE</b></p> <p style="text-align: center;">(CUSTOMER NAME: ALL)</p>					
DATE 1/27/2022	MATERIAL	PROCESS/FINISH				
REFERENCE	SIZE B	DRAWING NUMBER 5KCP39KGY924S	SHEET 1 OF 1			

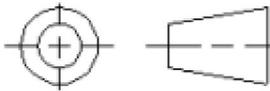
3.30	.14			
XR	XC			
8.23	3.42	2.50	4.075	4.73
C	N	K	XA	XB



THIRD ANGLE PROJECTION

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	CAS 9/8/99 ELEC. FORMAT		



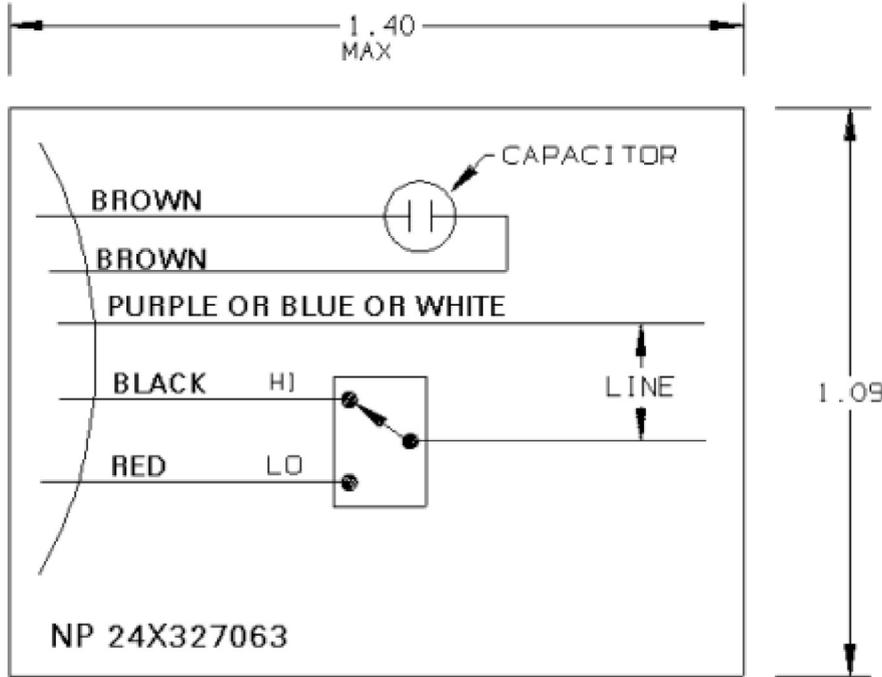
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SIZE DWG NO  
A



NOTE: THIS DRAWING WILL BE ELECTRONICALLY REPRODUCED BY THE HVAC FAN MOTOR NAMEPLATE SYSTEM.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ± MATERIAL: APPLIED PRACTICES:	SIGNATURES	DATE	Fort Wayne, Indiana
	DRAWN RL UETRECHT	4/3/72	
	CHECKED		
	ISSUED		
NAMEPLATE LABEL		CAD NO	
		SIZE A	FSCM NO
		SCALE 3	SHEET 1 OF 1

F39:XPB8



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