

# PRODUCT INFORMATION PACKET

Model No: 5KH46MN3021X

Catalog No: HG155

1/8 HP Fan and Blower HVAC/R Motor, 1 phase, 900 RPM, 115 V, 56 Frame, ODP  
Self Cooled Motors



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**REGAL**



### Nameplate Specifications

Output HP	0.13 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	115 V
Current	4.6 A	Speed	850 rpm
Service Factor	1.4	Phase	1
Efficiency	40 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	S
Frame	56	Enclosure	Drip Proof
Thermal Protection	AUTO	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

### Technical Specifications

Electrical Type	Split Phase	Starting Method	SM
Poles	8	Rotation	Counterclockwise/Clockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	10.88 in
Frame Length	6.55 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Outline Drawing	52A109511P2	Connection Drawing	52A105379AA

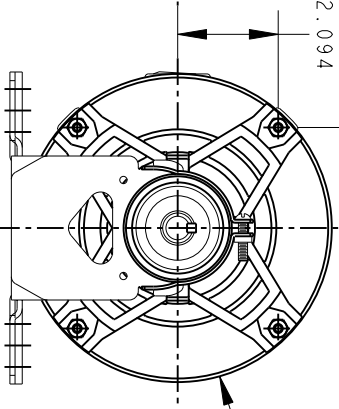
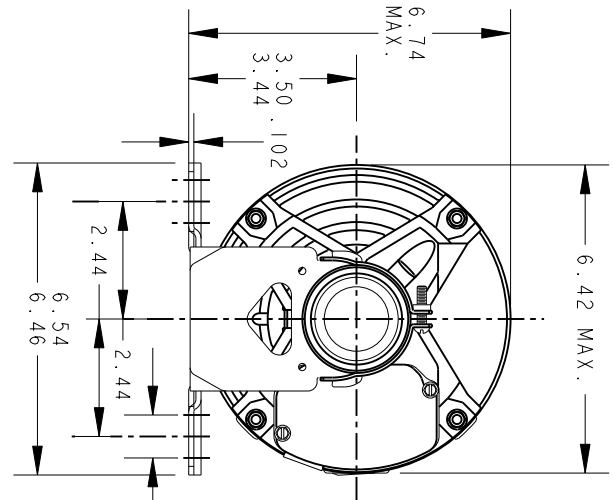
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THIRD ANGLE PROJECTION

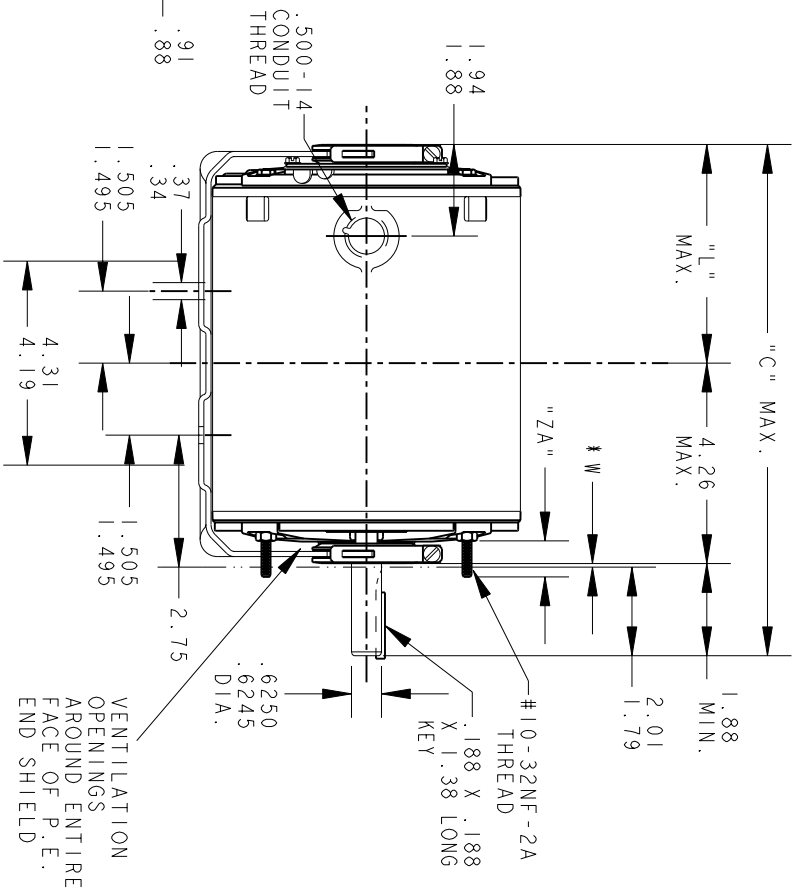


REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
2	ADDED PART #4.	07/05/94	M.D. PAPE
3	CHG TO RBC FORMAT PER IS05-11777	03/16/06	SUDHA



VIEW OF P.E. END SHIELD



\* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

VENTILATION OPENINGS AROUND ENTIRE FACE OF P.E. END SHIELD

4	3	2	1	P
KH/K	KH/K	KH/K	KH/K	TYPE
49	49	46	46	GE
56	56	56	56	SIZE
12.01	11.48	10.88	10.88	NEMA "C"
5.75	5.22	4.62	4.62	FR. "L"
.62	.62	.62	.62	"ZA"

ALL DIMENSIONS ARE IN INCHES



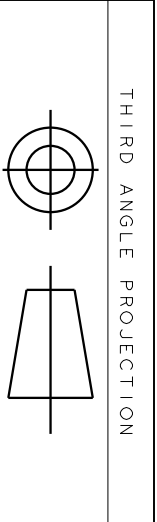
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OUTLINE

GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - RESILIENT BASE EXTENDED CLAMP SCREWS FMF - 40 FRAME REDESIGN

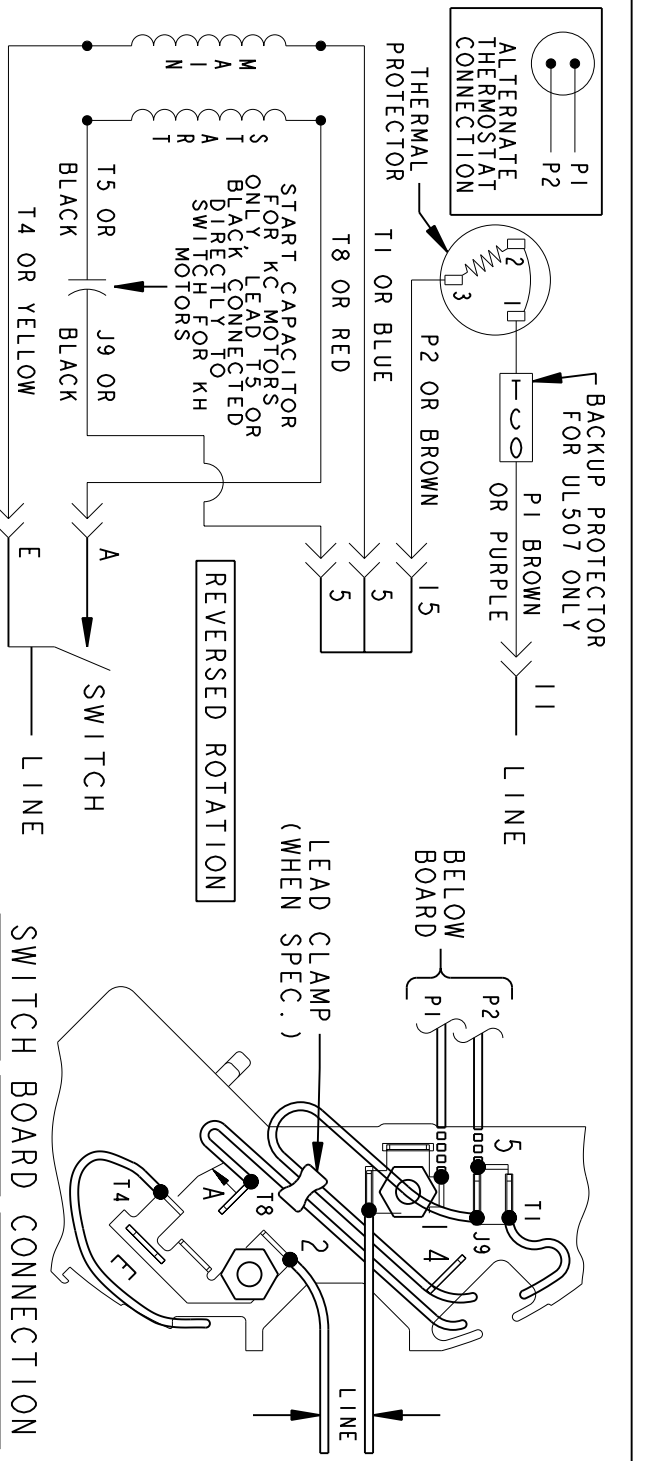
FOR ADDITIONAL INFO REFER TO:	MODEL	MA MARKS	DATE
APPLIED PRACTICES	CHECKED	ENGRG	MFG
DIMENSIONS ARE IN INCHES	ISSUED	QUALITY	QUALITY
MATERIAL	SOLID MODEL: 52A109511	M.A.M.	03/29/94

SCALE: 0.250	REF. No.:	SHEET 1 of 1
SIZE: DRAWING A	REV 3	



REV.	DESCRIPTION	DATE	APPROVED
6	UPDATED FORMAT	12/01/05	MAM

EITHER ROTATION-SINGLE VOLTAGE-TYPE KC OR KH-WITH THERMAL PROTECTOR



NOTE #1 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.  
 NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (C) - 115D958AB REF. DIAG. - 121A851 CONN. LABEL - 52X332048

SIGNATURES	DATE
MODEL M.D.PAPE	06/29/87
DETAIL	
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED	M.D.P. 03/08/00
SOLID MODEL: 52A105379AA	

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**CONNECTION DIAGRAM**

**FMF - 30 FR SWITCH REDESIGN**

SCALE: 1.000 REF. No.:

52A105379AA

REV 6

SHEET 1 of 1