

PRODUCT INFORMATION PACKET

Model No: 5K49UN4086X

Catalog No: K1418

2 HP Fan and Blower HVAC/R Motor, 3 phase, 1800 RPM, 208-230/460 V, 56H Frame, ODP
Self Cooled Motors



Nameplate Specifications

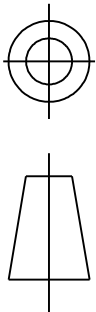
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	6.2-6.0,3.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	81.8 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56H	Enclosure	Drip Proof
Thermal Protection	AUTO	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	13.96 in
Frame Length	9.63 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Outline Drawing	52A109601P1	Connection Drawing	113A423

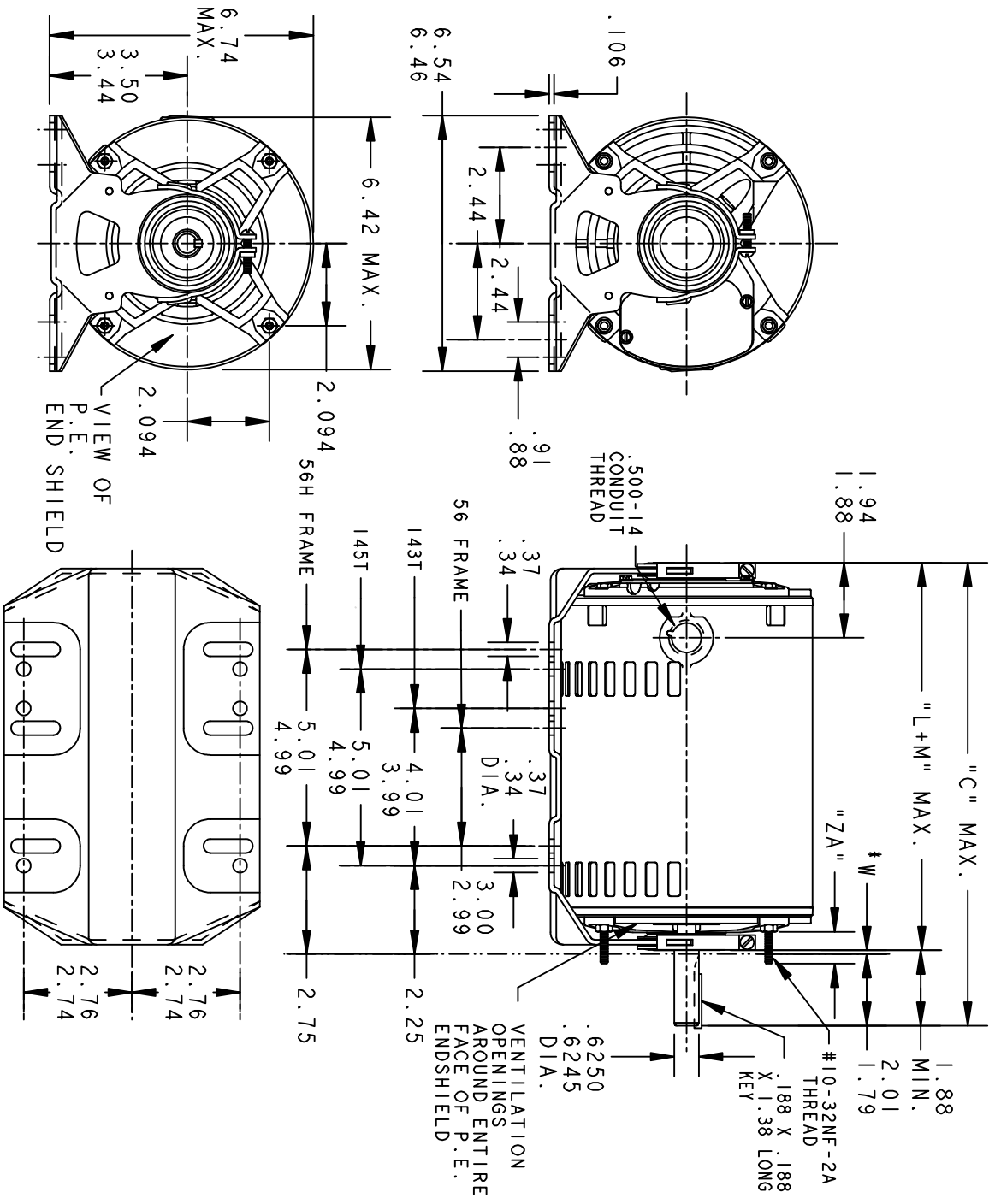
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
2	ADDED SHELL VENTS.	03/25/94	M.D.PAPE
3	CHG TO RBC FORMAT PER ISO5-1777	03/20/06	SUDHA



2	K	48	56H	12.76	10.76	8.43	.62
1	K	49	56H	13.96	11.96	9.63	.62
P	TYPE	GE SIZE	NEMA FR	C	L+M	SHELL MIN.	ZA

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



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OUTLINE

GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING
RESILIENT BASE - EXTENDED CLAMP SCREWS

SIZE A DRAWING 52A109601 REV 3

SCALE: 0.250

REF. No.:

SHEET 1 of 1

FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES	QUALITY	ISSUED
DIMENSIONS ARE IN INCHES	M.D.PAPE	03/23/94
SOLID MODEL: 52A109601		

SIGNATURES

MODEL M.D.PAPE 03/23/94

DETAIL

CHECKED

ENGRG

MFG

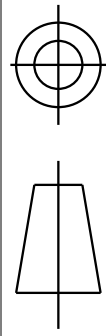
FOR ADDITIONAL INFO REFER TO:

MATERIAL

REVISIONS

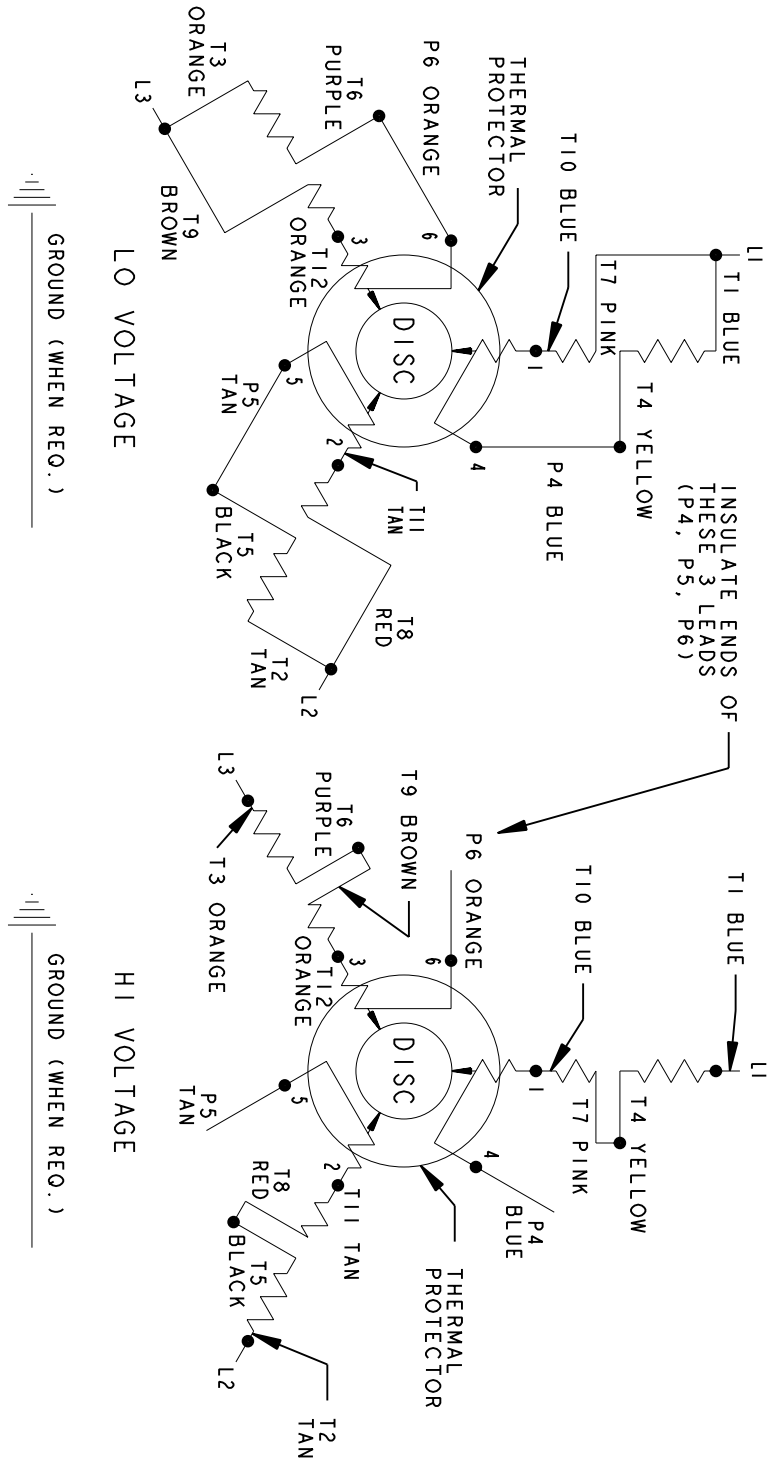
REV.	DESCRIPTION	DATE	APPROVED
7	LO VOLTAGE: "T8 RED" WAS "T3 RED"	09/25/92	BLJ
8	LABEL WAS 185178	04/04/95	M.A.M.
9	CHG TO RBC FORMAT PER IS05-1777	06/13/06	SUDHA

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THIRD ANGLE PROJECTION

TYPE K - DUAL VOLTAGE - THREE PHASE -
I2 LEAD WDG. - I2 LEADS OUT - THERMAL PROTECTION



NOTE #1 - TO REVERSE ROTATION, INTERCHANGE THE EXTERNAL CONNECTIONS TO ANY TWO LINE LEADS.

LABEL - NP185178AA

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES	SIGNATURES	DATE
MODEL G.A.HILLSMIER		01/05/56
DIMENSIONS ARE IN INCHES	DETAIL	

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DIAGRAM - CONNECTION
TYPE K MOTORS

TOLERANCE ON:

1 PL DECIMALS ± 0.1	CHECKED	
2 PL DECIMALS ± 0.02	ENGRG	
3 PL DECIMALS ± 0.005	MF/G	
ANGLES ± 1.0	QUALITY	
FRACTIONS ±	ISSUED	05/12/92
FINISH		

MATERIAL SOLID MODEL: 113A423

SIZE: DRAWING A

SCALE: 1.000 REF. No.:

113A423 REV 9

SHEET 1 of 1