

PRODUCT INFORMATION PACKET

Model No: 5K48WN6397

Catalog No: K1222

General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 208-230/460 V, 1200 RPM, 56C Frame, TEFC



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Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	4.3-4.5 A	Speed	1140 rpm
Service Factor	1.25	Phase	3
Efficiency	0 %	Duty	Continuous
Insulation Class	B	KVA Code	R
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6205	UL	Recognized
CSA	Yes	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	6	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	13.72 in
Frame Length	8.43 in	Shaft Extension	.625 X 1.88 - .188 X .188 KEY in
Connection Drawing	113A930FIG2	Outline Drawing	52A109650P5

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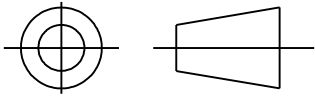
SHEET 4

REV 4

SIZE DRAWING NO. 52A109650

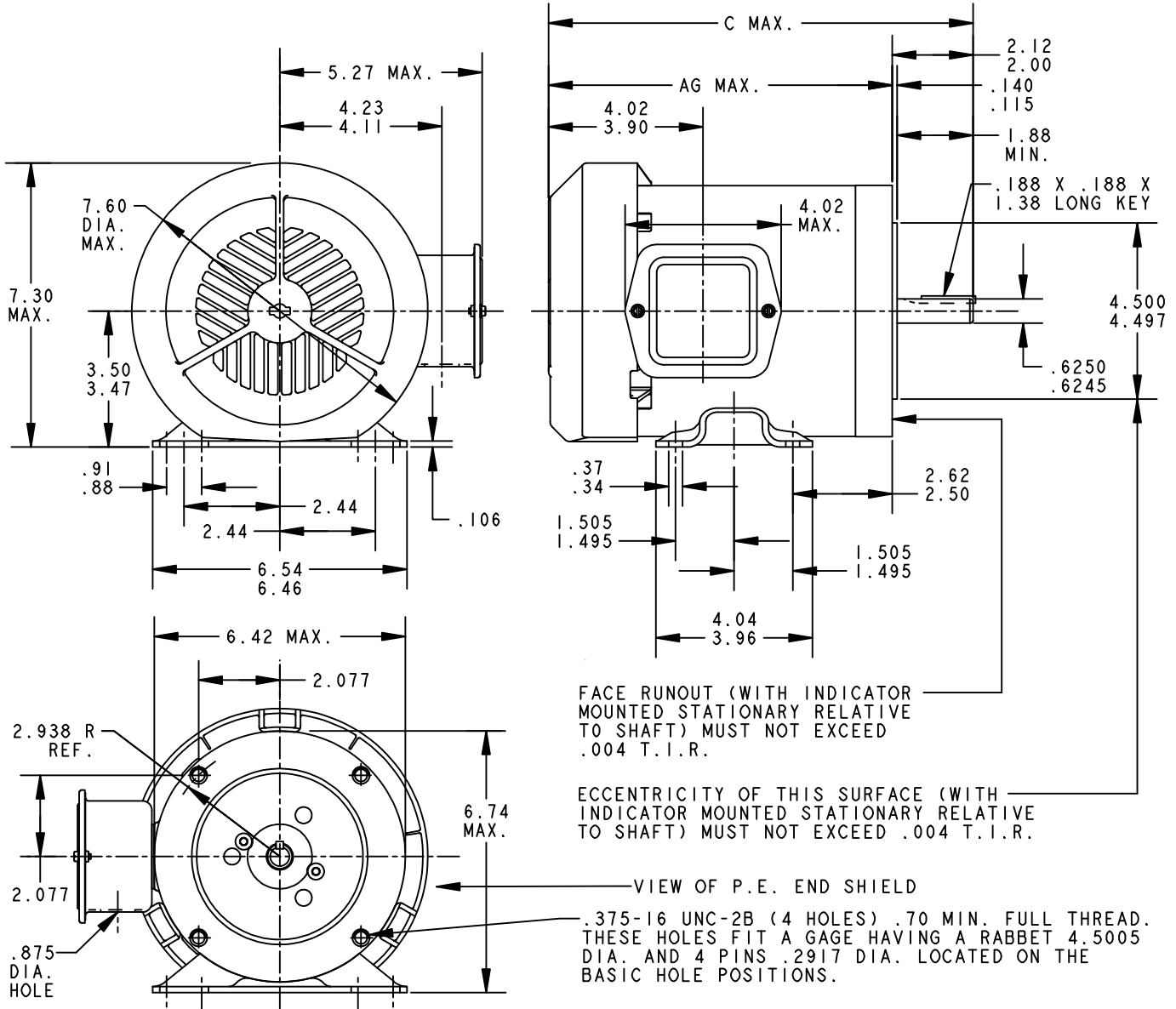
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	CHG TO RBC FORMAT PER IS05-1777	03/22/06	SUDHA
4	ADDED PART #6 PER DS11-0343	03/15/11	KARTHIK



4	K	49	56C	12.44	10.32	7.15							
3	K	46	56C	11.84	9.72	6.55							
2	K	42	56C	11.01	8.89	5.72	6	K	49	56C	12.94	10.82	7.68
1	K	49	56C	11.41	9.29	6.15	5	K	48	56C	13.72	11.60	8.43
P	TYPE	GE SIZE	NEMA FR	C	AG	MIN. SHELL	P	TYPE	GE SIZE	NEMA FR	C	AG	MIN. SHELL

SIGNATURES		DATE
MODEL	M.D.PAPE	07/20/94
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	07/20/94
SOLID MODEL: 52A109650		

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TITLE: **OUTLINE**

40 FRAME REDESIGN - GENERAL PURPOSE MOTOR - TEFC BALL BEARING- WELDED BASE - R2 END MOUNTED

SIZE DRAWING: **52A109650** REV **4**

SCALE: 0.250 REF. No: . SHEET 1 of 1

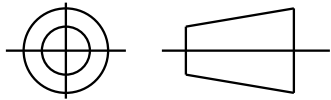
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REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER ISO5-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_2 TO 113A930FIG2 PER ISO7-0972	05/08/07	MADHU

THIRD ANGLE PROJECTION



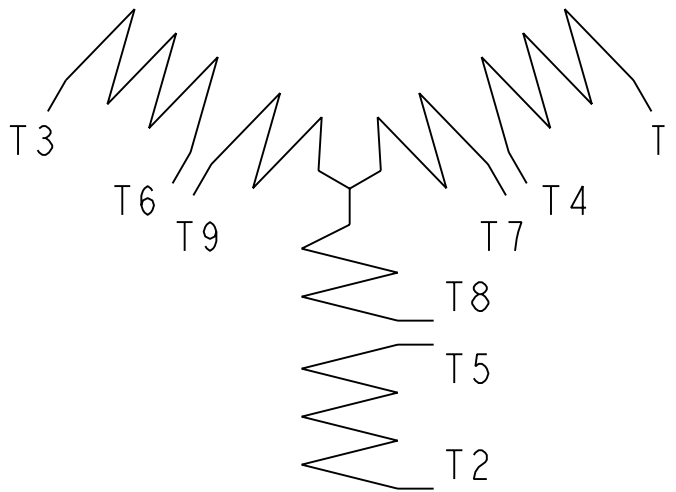
SHEET 2

SIZE DRAWING NO. A

113A930FIG2

FIG. 2

3 PHASE



	VOLTS	L1	L2	L3	TOGETHER
2Y	LOW	1-7	2-8	3-9	4-5-6
1Y	HIGH	1	2	3	4-7, 5-8, 6-9

BRAKE MOTORS: CONNECT BRAKE LEADS B1 & B2 TO MOTOR LEADS T7 & T8.

FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE
APPLIED PRACTICES	MODEL M. D. PAPE	02/25/03
DIMENSIONS ARE IN INCHES	DETAIL	.
TOLERANCE ON:	CHECKED	.
1 PL DECIMALS ± 0.1	ENGRG	.
2 PL DECIMALS ± 0.02	MFG	.
3 PL DECIMALS ± 0.005	QUALITY	.
ANGLES ± 1.0	ISSUED	M. D. PAPE 02/25/03
FRACTIONS ±		
FINISH ✓		
MATERIAL	SOLID MODEL: 113A930FIG2	



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TITLE CONNECTION DIAGRAM

SIZE DRAWING A

113A930FIG2

REV 2

SCALE: 1.000

REF. No: .

SHEET 1 of 1

