

PRODUCT INFORMATION PACKET

Model No: 5K42HN4034

Catalog No: K1324

General Purpose Motor, 0.50 HP, 3 Ph, 60 Hz, 208-230/460 V, 1800 RPM, 56C Frame, TEFC



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Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.3-2.2,1.1 A	Speed	1725 rpm
Service Factor	1.25	Phase	3
Efficiency	77 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.01 in
Frame Length	5.72 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A109650P2	Connection Drawing	113A930FIG2

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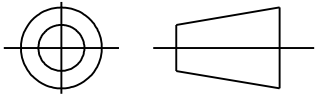
SHEET 4

REV 4

SIZE DRAWING NO. 52A109650

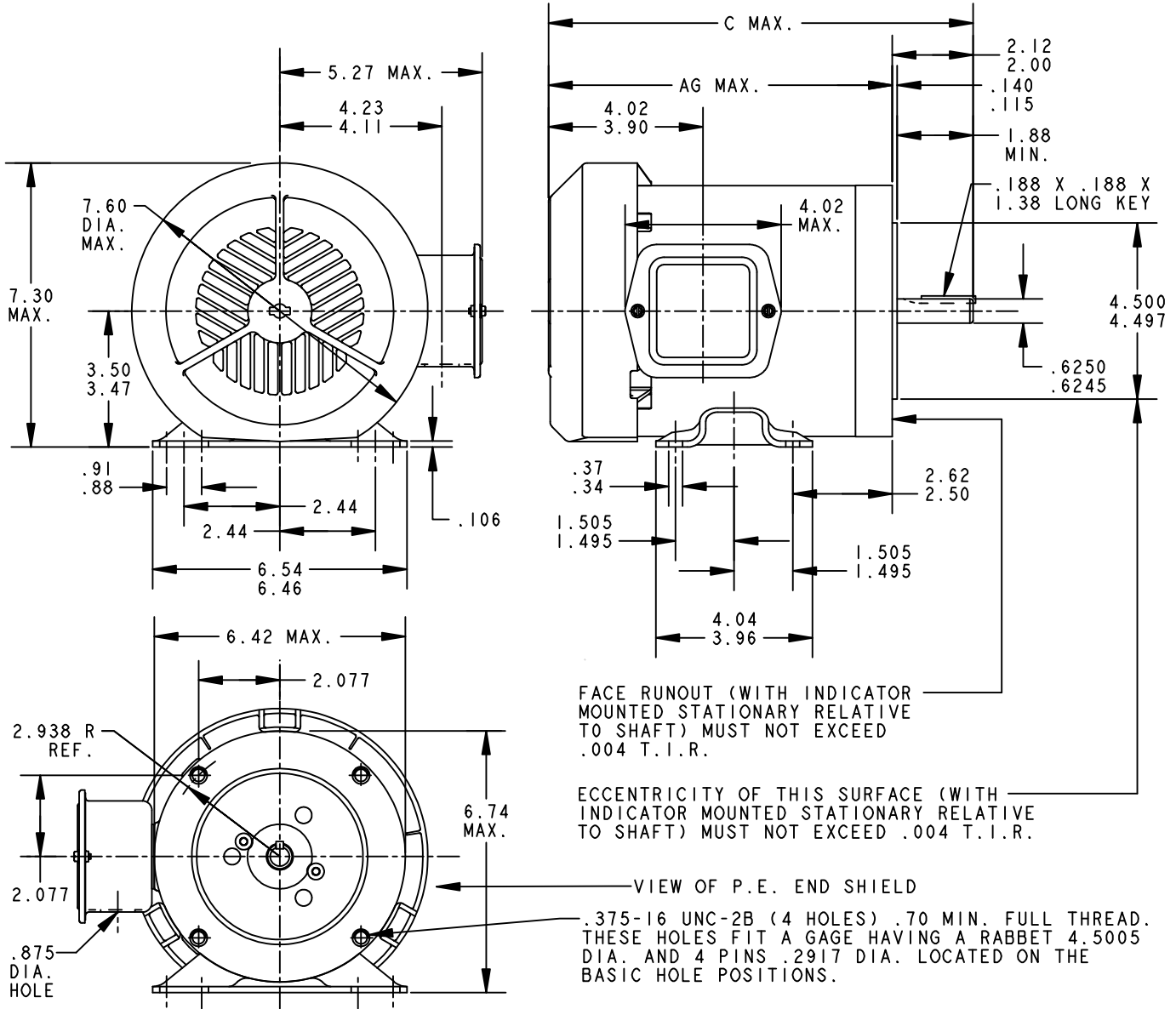
A

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

SHEET —
 REV 2
 113A930FIG2
 SIZE DRAWING NO. A

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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

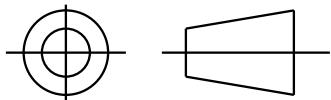
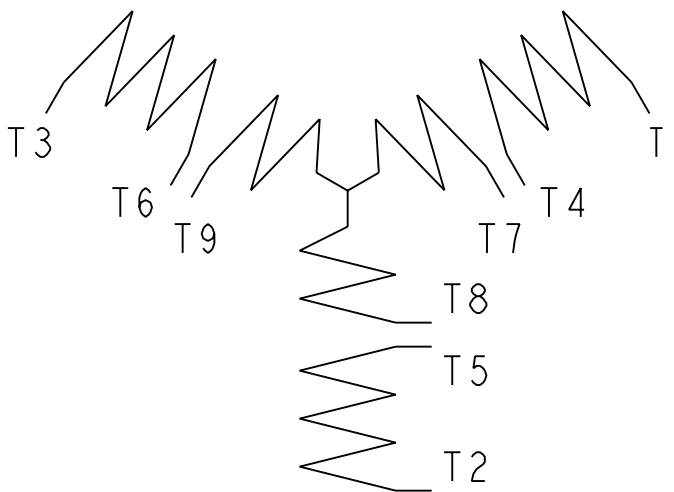


FIG. 2

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	REV
A	113A930FIG2	2
SCALE: 1.000	REF. No: .	SHEET 1 of 1