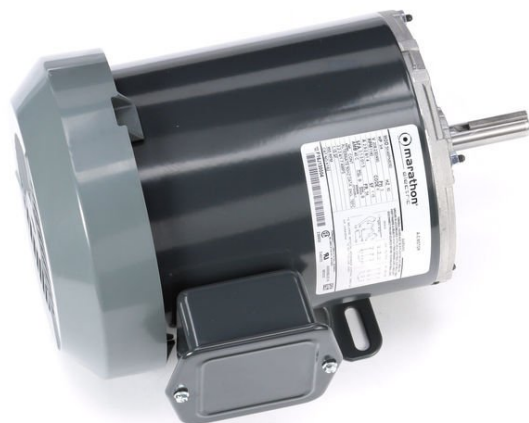


PRODUCT INFORMATION PACKET

Model No: 5K46PN6082

Catalog No: K162

General Purpose Motor, 0.75 HP, 3 Ph, 60 Hz, 208-230/460 V, 1200 RPM, 56 Frame, TEFC



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Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.9-2.8,1.4 A	Speed	1140 rpm
Service Factor	1.15	Phase	3
Efficiency	76.1 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56	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

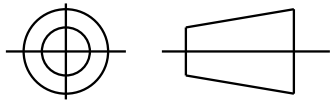
Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	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	11.83 in
Frame Length	6.55 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107797P3	Connection Drawing	113A930FIG2

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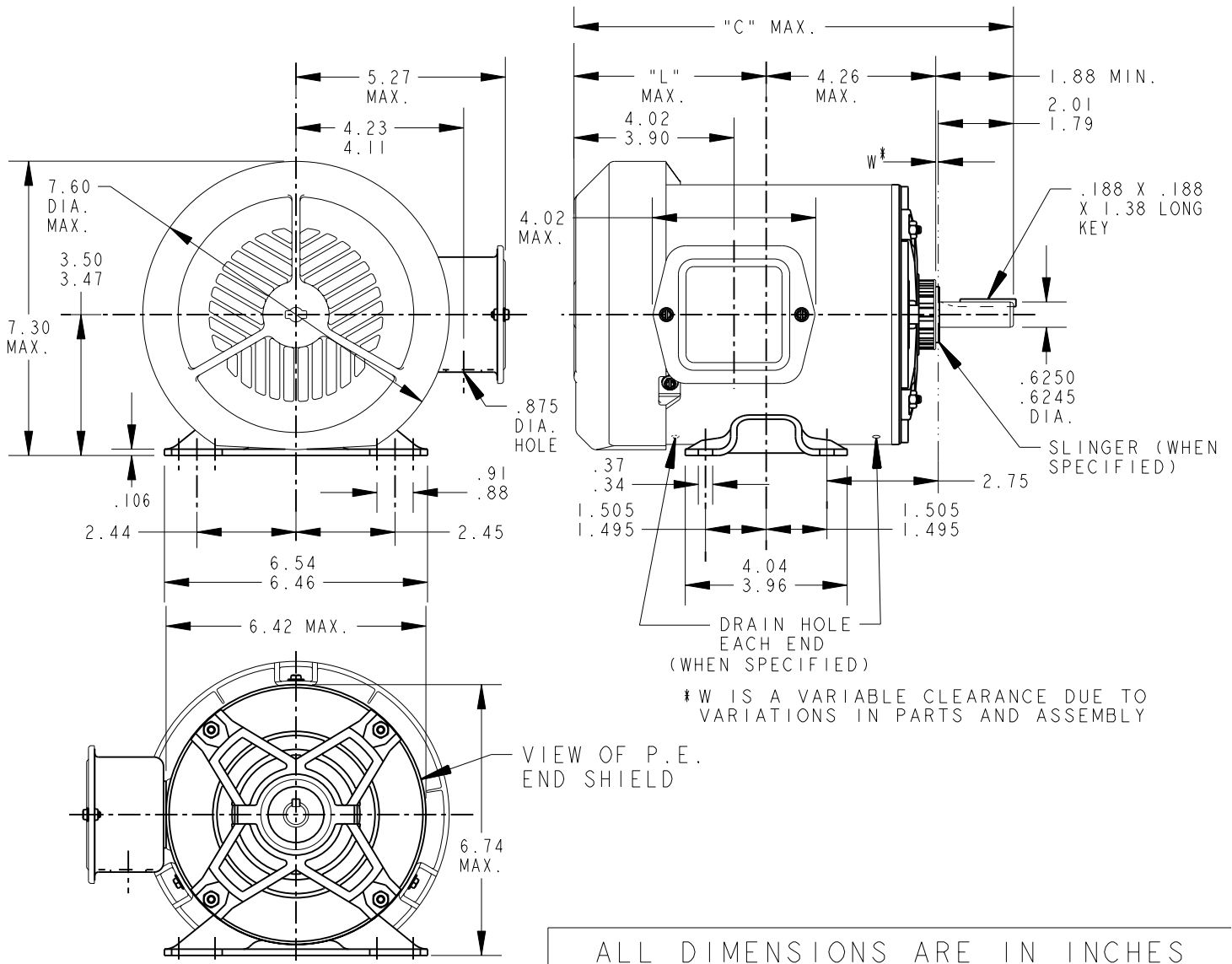
SHEET 1
 REV 4
 SIZE 52A107797
 DRAWING NO. A

THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	ADDED PART #5.	07/16/98	M.D.PAPE
4	CHG TO RBC FORMAT PER ISO5-1777	03/03/06	SUDHA



ALL DIMENSIONS ARE IN INCHES

5	K	49	56	12.43	6.28	7.15
4	K	49	56	10.73	4.47	5.34
3	K	46	56	11.83	5.68	6.55
2	K	49	56	11.43	5.28	6.15
1	K	42	56	11.00	4.85	5.72
P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	MIN. SHELL

FOR ADDITIONAL INFO REFER TO: APPLIED PRACTICES DIMENSIONS ARE IN INCHES ✓ MATERIAL	SIGNATURES		DATE	 REGAL-BELOIT CORPORATION TITLE OUTLINE GENERAL PURPOSE MOTOR TEFC - BALL BEARING - WELDED BASE FMF: 5K42HN4005 & 5K49KN4006 SCALE: 0.250 REF. No: . SHEET 1 of 1
	MODEL	M.D.PAPE	05/19/92	
	DETAIL	.	.	
	CHECKED	.	.	
	ENGRG	.	.	
MFG	.	.		
QUALITY	.	.		
ISSUED	M.D.PAPE	05/19/92	SIZE DRAWING A	
SOLID MODEL: 52A107797		REF. No: .		

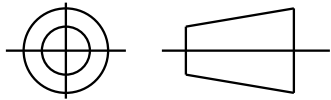
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REVISIONS

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

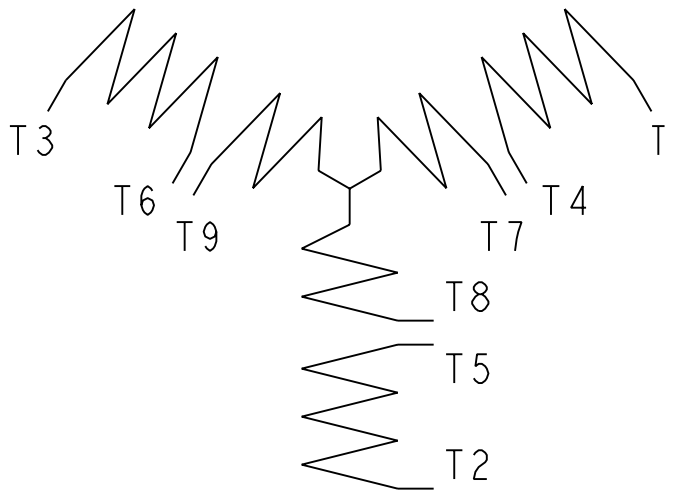


SHEET 113A930FIG2 2

SIZE DRAWING NO. A

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	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE DRAWING A

113A930FIG2

REV 2

SCALE: 1.000

REF. No: .

SHEET 1 of 1