

PRODUCT INFORMATION PACKET

Model No: 5K42HN4106
Catalog No: K116
1/2,1725,DP,56,3/60/208-230/460
General Purpose Motors



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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 A	Speed	1725 rpm
Service Factor	1.25	Phase	3
Efficiency	0 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56	Enclosure	Drip Proof
Thermal Protection	N/R	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

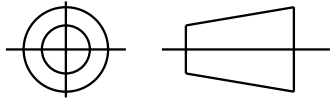
Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Overall Length	10.05 in	Frame Length	5.72 in
Shaft Extension	.625 X 1.88 - .188 X .188 KEY in		
Connection Drawing	113A930FIG2	Outline Drawing	52A109631P1

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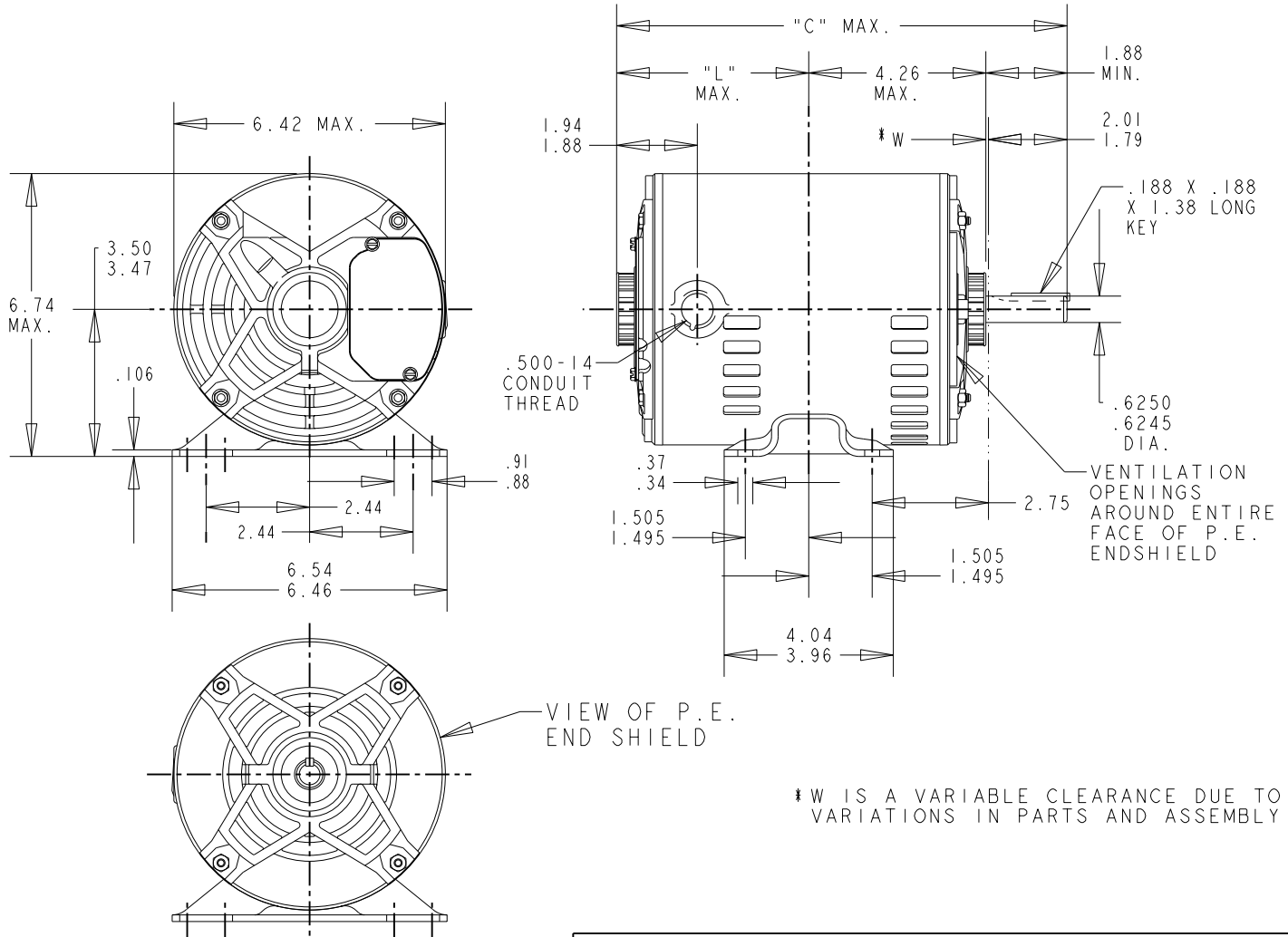
SHEET 1
 REV 2
 SIZE DRAWING NO. 52A109631
 A

THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	ADDED P2 IN THE TABLE	06/05/02	MOHANLAL
2	CHG TO RBC FORMAT PER ISO5-1777	03/21/06	SUDHA



ALL DIMENSIONS ARE IN INCHES

2	K	46	56	10.88	4.62	6.55
1	K	42	56	10.05	3.79	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	<p>REGAL-BELOIT CORPORATION</p> <p>TITLE OUTLINE</p> <p>GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - WELDED BASE FMF - 40 FRAME REDESIGN</p> <p>SCALE: 0.250 REF. No: .</p>
	MODEL MA MARKS	06/09/94	
	DETAIL	.	
	CHECKED	.	
	ENGRG	.	
MFG	.		
QUALITY	.		
ISSUED	M.A.M.	06/09/94	SIZE DRAWING A
SOLID MODEL: 52A109631			52A109631
			REV 2 SHEET 1 of 1

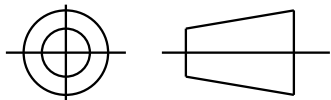
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REVISIONS

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



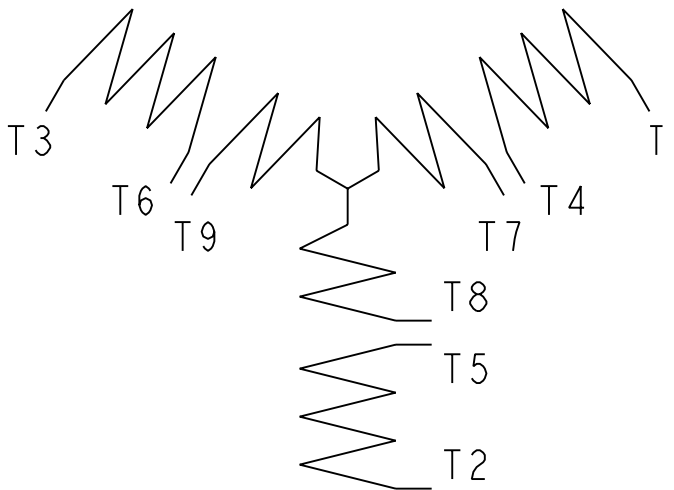
SHEET 2

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	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE DRAWING A

113A930FIG2

REV 2

SCALE: 1.000

REF. No: .

SHEET 1 of 1