

PRODUCT INFORMATION PACKET



Model No: 5K42JN3050
Catalog No: K546
Fan and Blower Motor, 1/2-1/6 HP, 3 Ph, 60 Hz, 460 V, 56 Frame, DP



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Nameplate Specifications

Phase	3	Output HP	1/2-1/6 Hp
Output KW	0.37 kW	Voltage	460 V
Speed	1725/1140 rpm	Service Factor	1.25
Frame	56	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	1.1/0.6 A
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

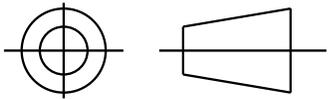
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Connection Drawing	113A930FIG7	Outline Drawing	52A109606P1

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SHEET
REV
4

THIRD ANGLE PROJECTION

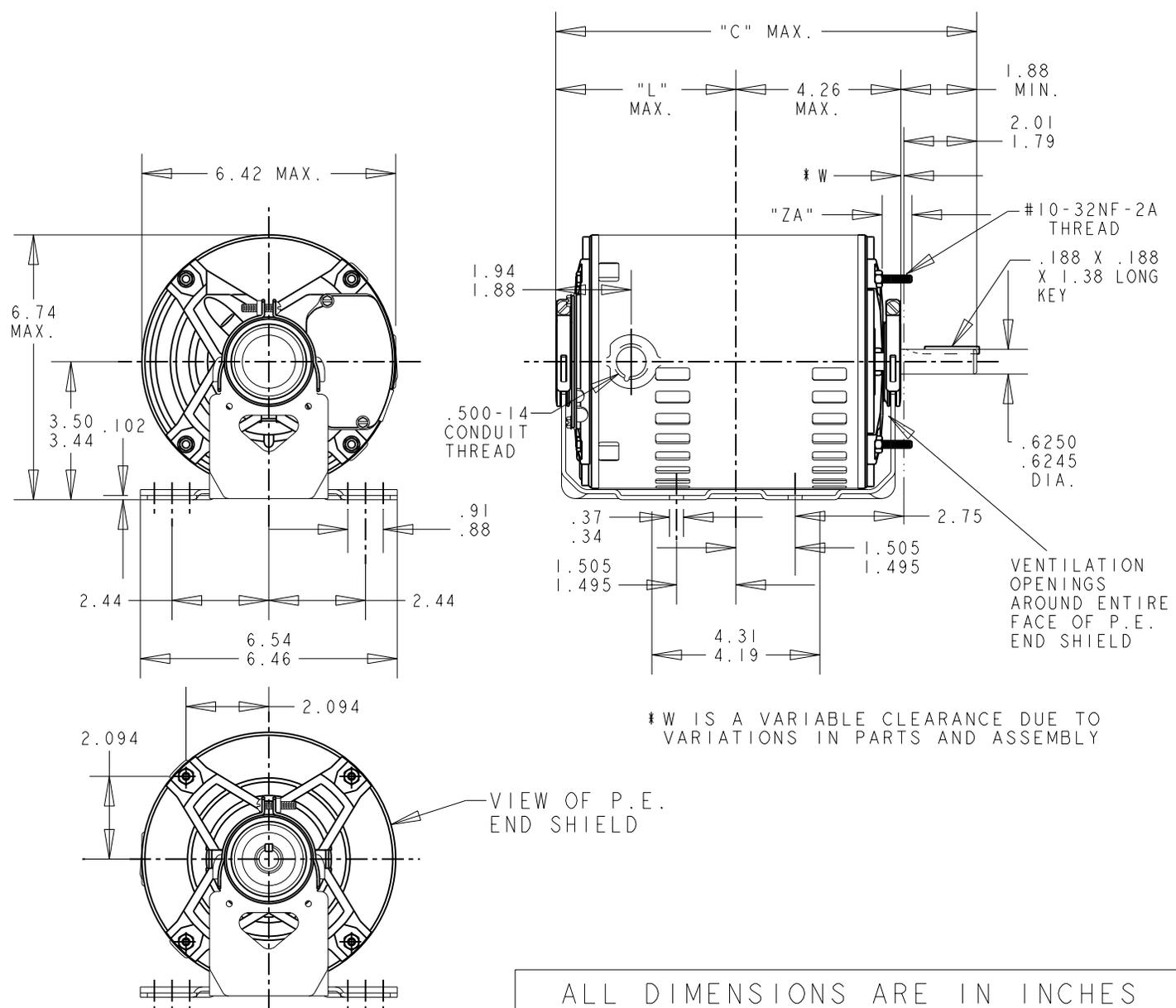


REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	CHANGED GE SIZE FOR P3	05/07/04	ARUNK
4	CHG TO RBC FORMAT PER ISO5-1777	03/21/06	SUDHA

52A109606

SIZE DRAWING NO.
A



ALL DIMENSIONS ARE IN INCHES

P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	"ZA"	MIN. SHELL
3	K	46	56	10.88	4.62	.62	6.55
2	K	49	56	10.48	4.22	.62	6.15
1	K	42	56	10.05	3.79	.62	5.72

SIGNATURES		DATE
MODEL	M. D. PAPE	03/31/94
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	M. D. PAPE 03/31/94
DIMENSIONS ARE IN INCHES ✓	SOLID MODEL: 52A109606	



REGAL-BELOIT CORPORATION

TITLE: **OUTLINE**

GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - REISLIENT BASE EXTENDED CLAMP SCREWS FMF - 40 FRAME REDESIGN

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





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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_7 TO 113A930FIG7 PER IS07-0972	05/08/07	MADHU

SHEET —
 REV 2
 113A930FIG7

SIZE DRAWING NO. A

THIRD ANGLE PROJECTION

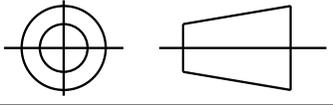
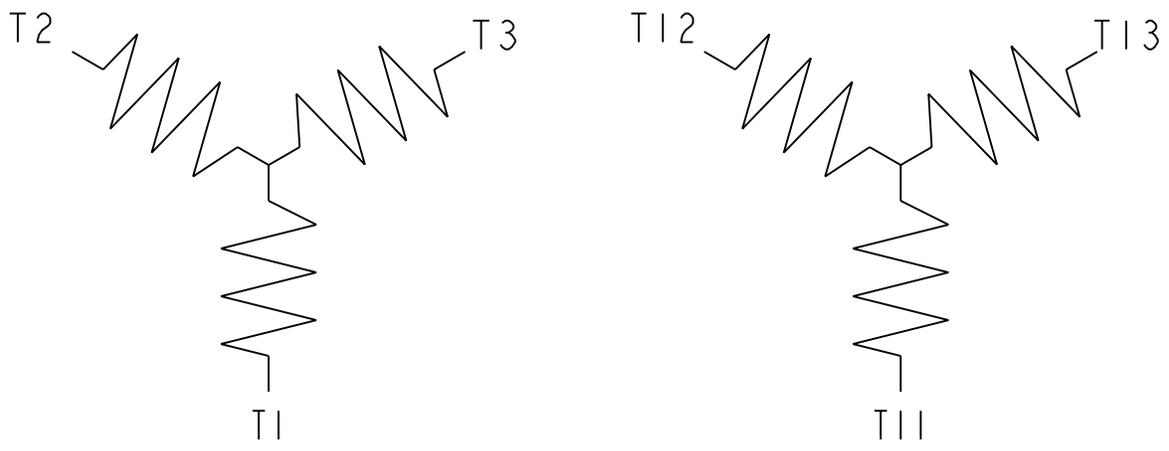


FIG. 7 - 3 PHASE, 2 SPEED, 2 WINDING



	SPEED	L1	L2	L3	OPEN
IY	LOW	T1	T2	T3	T11, T12, T13
IY	HIGH	T11	T12	T13	T1, T2, T3

FOR ADDITIONAL INFO REFER TO:
 APPLIED PRACTICES
 DIMENSIONS ARE IN INCHES
 TOLERANCE ON:
 1 PL DECIMALS ± 0.1
 2 PL DECIMALS ± 0.02
 3 PL DECIMALS ± 0.005
 ANGLES ± 1.0
 FRACTIONS ±
 FINISH ✓

SIGNATURES		DATE
MODEL	M. D. PAPE	02/25/03
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M. D. PAPE	02/25/03
SOLID MODEL: 113A930FIG7		



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE	DRAWING	REV
A	113A930FIG7	2
SCALE: 1.000	REF. No: .	SHEET 1 of 1

