PRODUCT INFORMATION PACKET

Model No: 5KC42GN0018
Catalog No: G1515
General Purpose Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 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	115/230 V
Current	8.6,4.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	63.2 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	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	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11 in
Frame Length	5.72 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105381BA	Outline Drawing	52A107671P1

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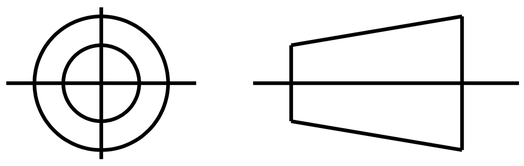
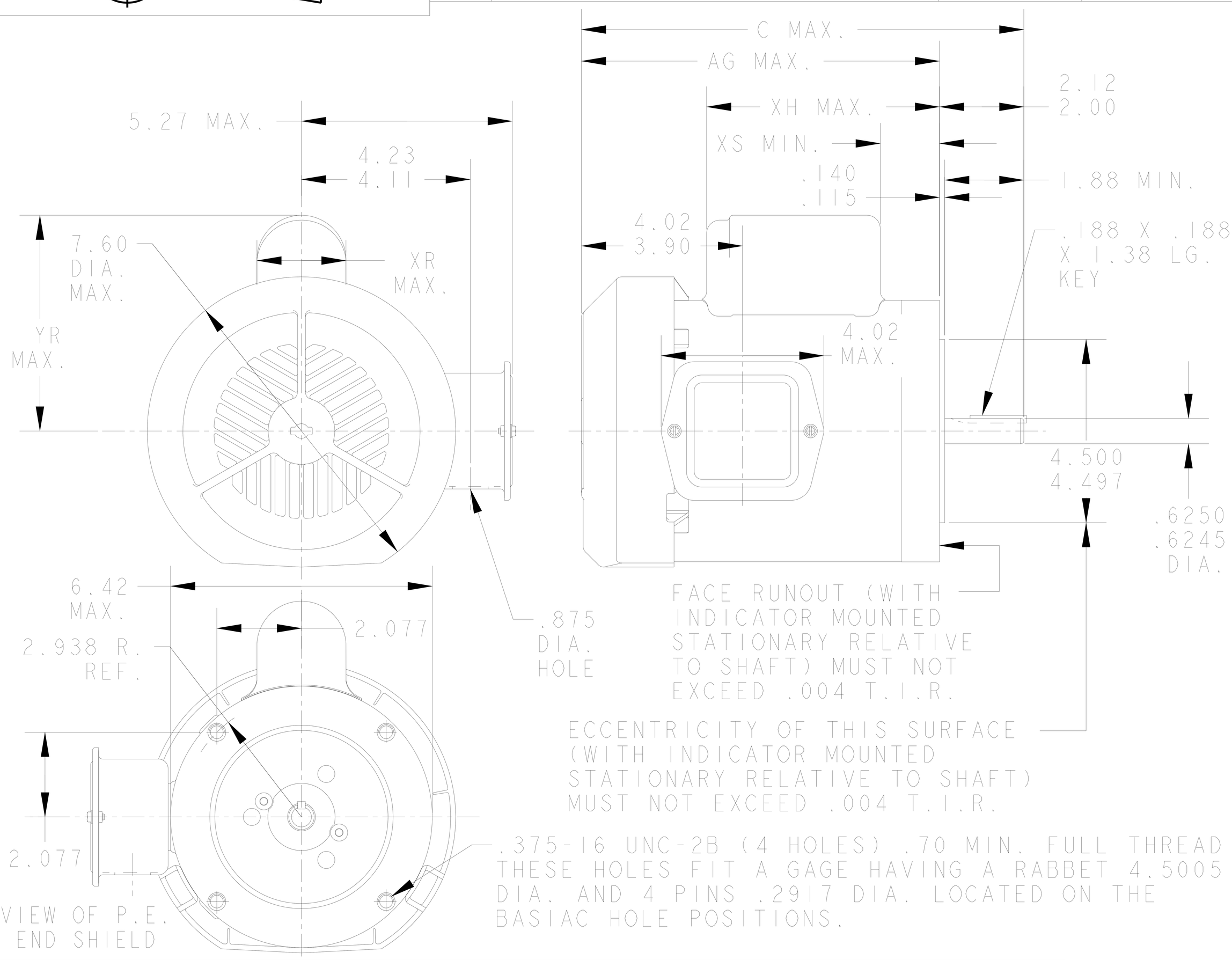
SHEET | REV 12 | 52A107671 | SIZE A | DRAWING NO.

THIRD ANGLE PROJECTION



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
12	CHG TO RBC FORMAT PER IS05-1777	03/01/06	SUDHA



P	TYPE	GE SIZE	NEMA FR.	C	AG	XH	YR	XR	XS	MIN. SHELL
7	KC	49	56C	12.93	10.81	7.56	5.45	2.22	1.89	7.68
6	KC	49	56C	11.40	9.28	6.03	4.76	1.60	1.57	6.15
5	KC	49	56C	12.44	10.32	7.54	4.72	1.60	1.79	7.15
4	KC	49	56C	12.97	10.85	7.61	5.45	2.40	1.86	7.68
3	KC	46	56C	11.84	9.72	6.94	5.45	2.40	1.19	6.55
2	KC	46	56C	11.84	9.72	6.95	5.34	2.22	2.41	6.55
1	KC	42	56C	11.01	8.89	6.12	5.34	2.22	1.58	5.72

SIGNATURES		DATE
MODEL	M.D.PAPE	04/23/91
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	05/10/94
SOLID MODEL: 52A107671		

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES
MATERIAL .

REGAL-BELOIT CORPORATION

TITLE

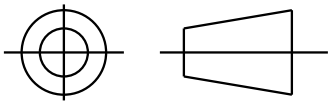
OUTLINE

FMF - 40 FRAME REDESIGN GENERAL PUPROSE MOTOR - TEFC - BALL BEARING - R2 END MOUNTED

SIZE A | DRAWING 52A107671 | REV 12

SCALE: 0.250 | REF. No: . | SHEET 1 OF 1

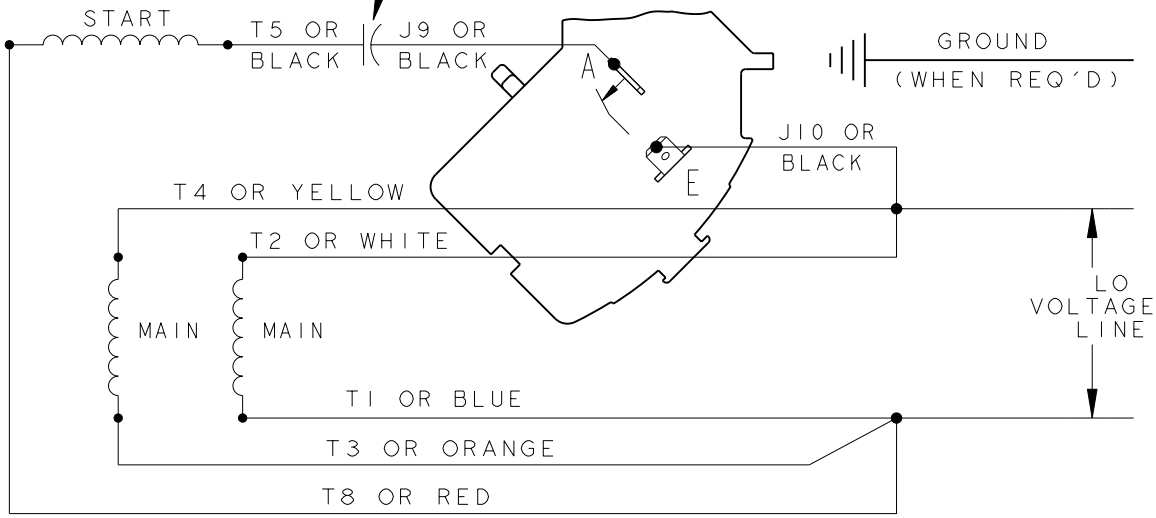
THIRD ANGLE PROJECTION



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/04/06	MAM

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC OR KH

CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS.



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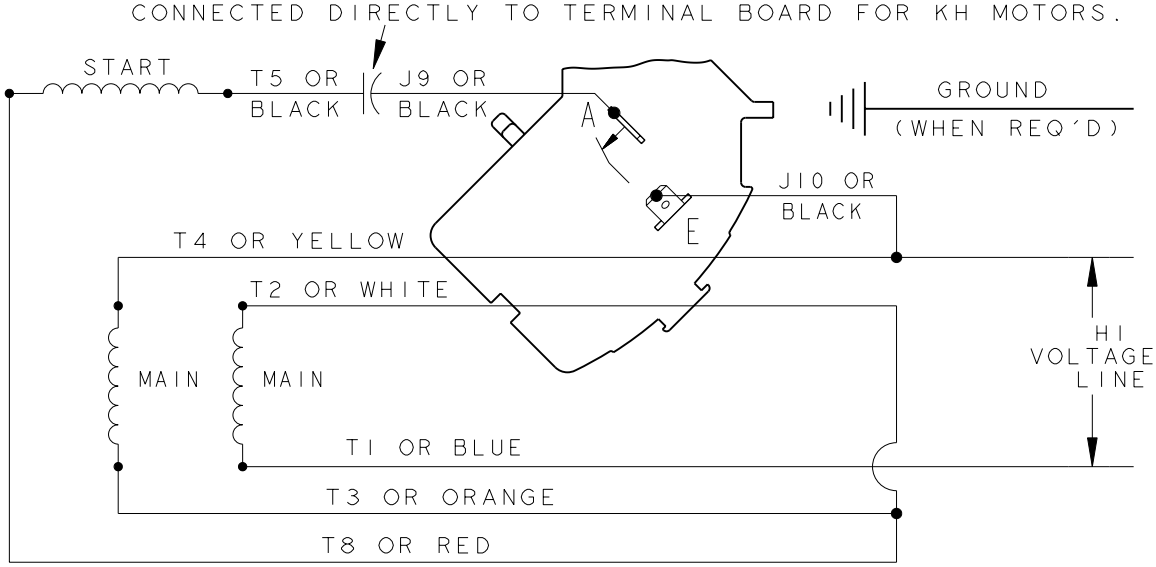

NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.
NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

SWITCH (H) - 115D958AA

REF. DIAG. - 113A326

CONNECTION LABEL - 52X332917

SIGNATURES		DATE
MODEL	M.D.PAPE	06/29/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.P.	06/29/87

SOLID MODEL: 52A105381BA

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES
MATERIAL .

REGAL BELOIT — REGAL-BELOIT CORPORATION

TITLE **CONNECTION DIAGRAM**

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FMF: 30 FRAME SWITCH REDESIGN

SIZE A | DRAWING 52A105381BA | REV 3

SCALE: 1.000 | REF. No: . | SHEET 1 OF 1

SHEET — | REV 3 | DRAWING NO. 52A105381BA | SIZE