PRODUCT INFORMATION PACKET

Model No: 5KC46GN0569Y
Catalog No: C661
1/2,1725,TEFC,56,1/60/115/208-230
Totally Enclosed Fan Cooled (TEFC)

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Product Information Packet: Model No: 5KC46GN0569Y, Catalog No:C661 1/2,1725,TEFC,56,1/60/115/208-230

Nameplate Specifications

Output HP	**1/2 Hp**	Output KW	**0.37 kW**
Frequency	**60 Hz**	Voltage	**115/208-230 V**
Current	**9.0,4.5-4.5 A**	Speed	**1725 rpm**
Service Factor	**1.15**	Phase	**1**
Efficiency	**61 %**	Duty	**Continous**
Insulation Class	**B**	KVA Code	**N**
Frame	**56**	Enclosure	**Totally Enclosed Fan Cooled**
Overload Protector	**MAN**	Ambient Temperature	**40 °C**
Drive End Bearing Size	**6203**	Opp Drive End Bearing Size	**6203**
UL	**Recognized**	CSA	**Yes**
CE	**N**		

Technical Specifications

Electrical Type	**Capacitor Start Induction Run**	Starting Method	**SM**
Poles	**4**	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	**0.63 in**
Shaft Extension	**1.88 in**		
Outline Drawing	**52A110622P2**	Connection Diagram	**52A105383BB**

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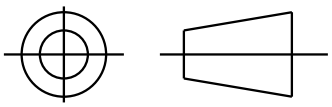
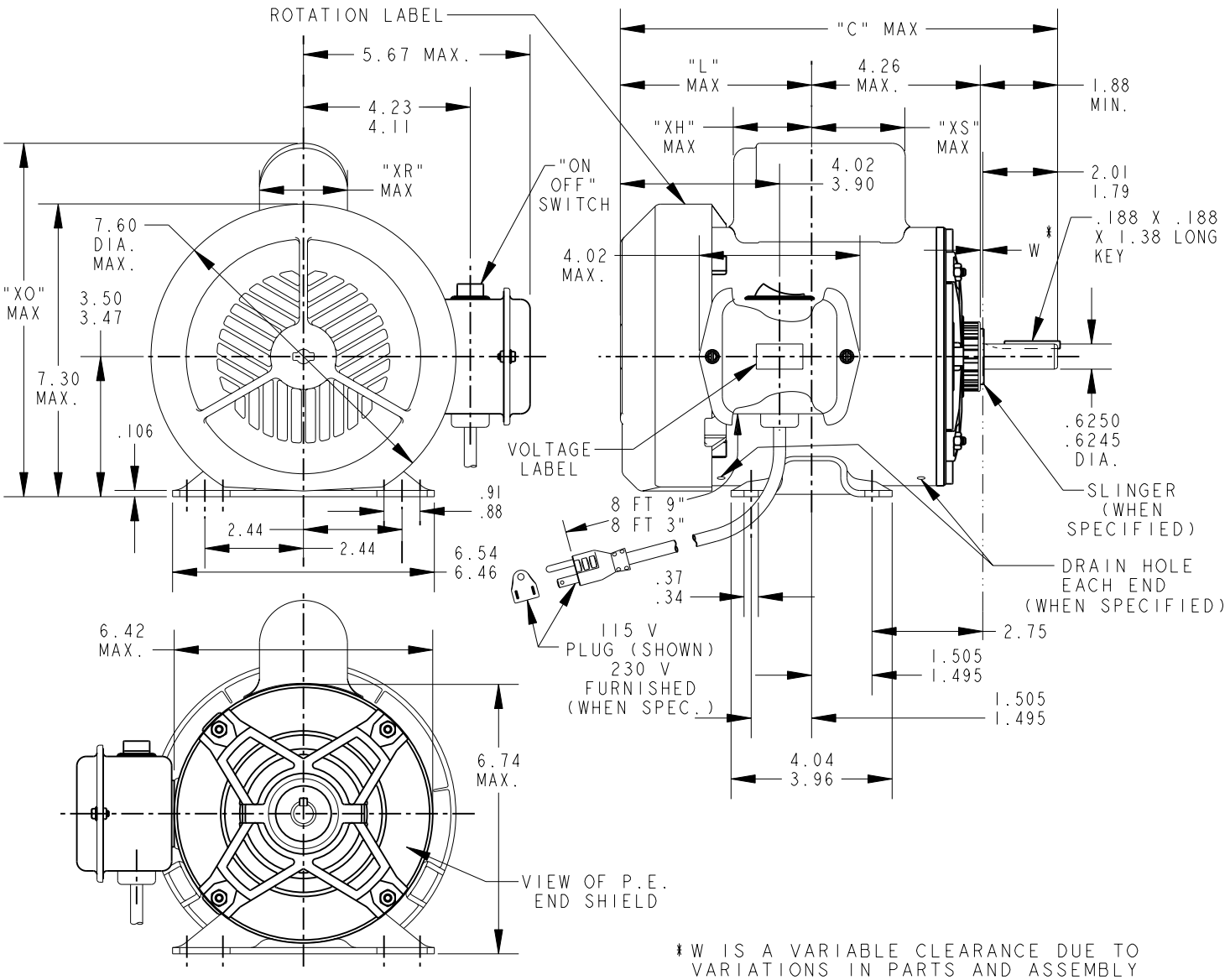
SHEET 1 | REV 6 | 52A110622 | DRAWING NO. | SIZE A

THIRD ANGLE PROJECTION



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
5	ADD TOL. TO CORD IS02-02676.	05/02/02	M.D.PAPE
6	CHG TO RBC FORMAT PER IS05-1777	04/24/06	SUDHA



* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

ALL DIMENSIONS ARE IN INCHES

P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	"XH"	"XO"	"XR"	"XS"		MIN. SHELL
3	KC	49	56	12.43	6.28	3.51	8.22	1.60	2.24		7.15
2	KC	46	56	11.83	5.68	2.91	8.94	2.40	2.84		6.55
1	KC	49	56	12.96	6.81	3.58	8.94	2.40	2.17		7.68

SIGNATURES		DATE
MODEL	M.D.PAPE	09/29/00
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	09/29/00

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

SOLID MODEL: 52A110622

REGAL BELOIT — REGAL-BELOIT CORPORATION

TITLE

OUTLINE

GENERAL PURPOSE MOTOR - TEFC - BALL BEARING - WELDED BASE FMF - 40 FRAME REDESIGN

SIZE	DRAWING	REV
A	52A110622	6

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

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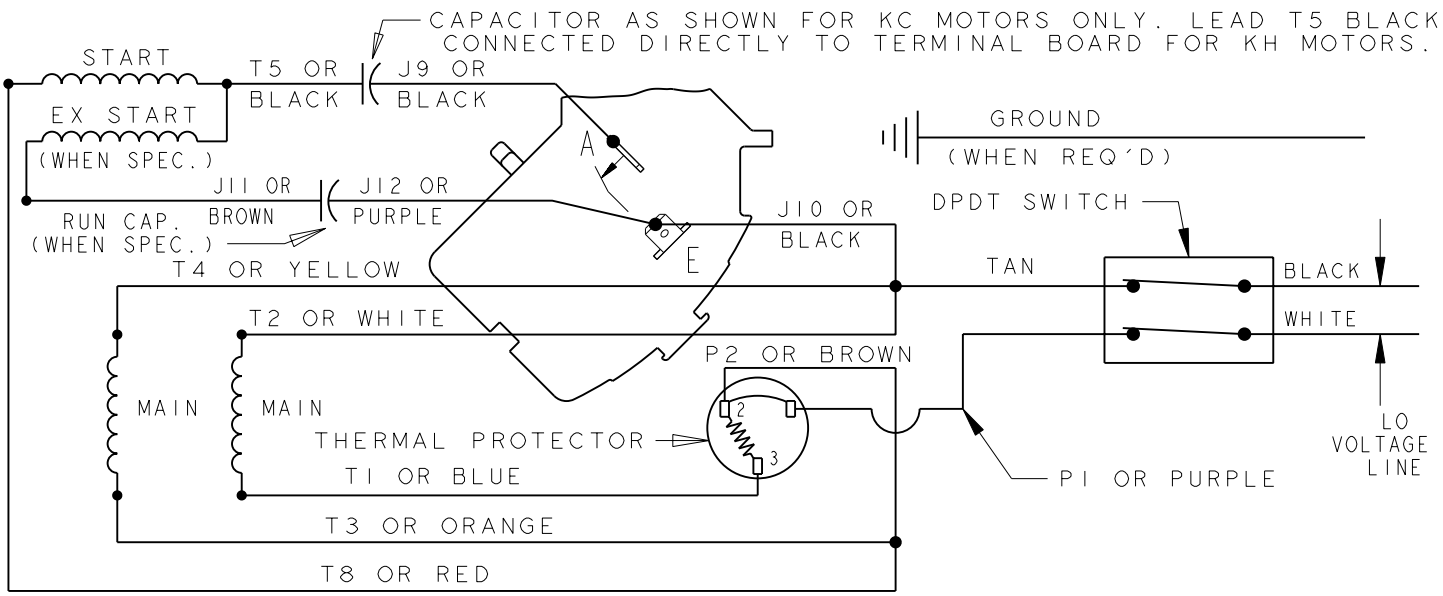
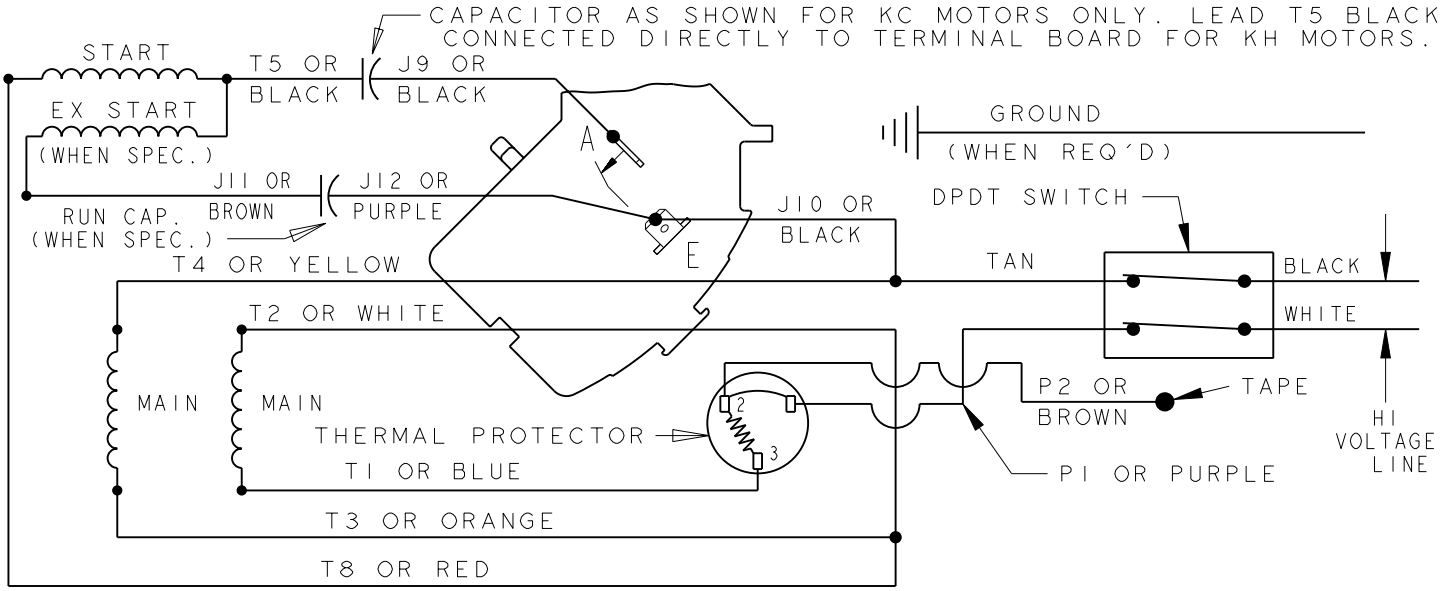
SHEET 1 | REV 7 | DRAWING NO. 52A105383BB | SIZE A

THIRD ANGLE PROJECTION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
7	UPDATED FORMAT	01/05/06	MAM

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC, KH, OR KCR - WITH THERMAL PROTECTOR





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. - 52A104929

CONNECTION LABEL - 52X332946

SIGNATURES		DATE
MODEL	M.D.P.	05/27/88
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.P.	09/18/92

SOLID MODEL: 52A105383BB

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

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TITLE **CONNECTION DIAGRAM**

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FMF: 5KC36PN435GX

SIZE	DRAWING	REV
A	52A105383BB	7

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

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