

PRODUCT INFORMATION PACKET

Model No: 5KC46PN0359Y

Catalog No: C1489

3/4 HP Instant Reversing Motor, 1 phase, 1800 RPM, 115/230 V, 56 Frame, TEFC
Instant Reversing Motors





Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/230 V
Current	11.0,5.5 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	70 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	L	Frame	56
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	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	Instant Reversible
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	52A107728P1	Connection Drawing	52A106829

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REV.

DESCRIPTION

DATE

APPROVED

7

7

CHG TO RBC FORMAT PER IS05-1777

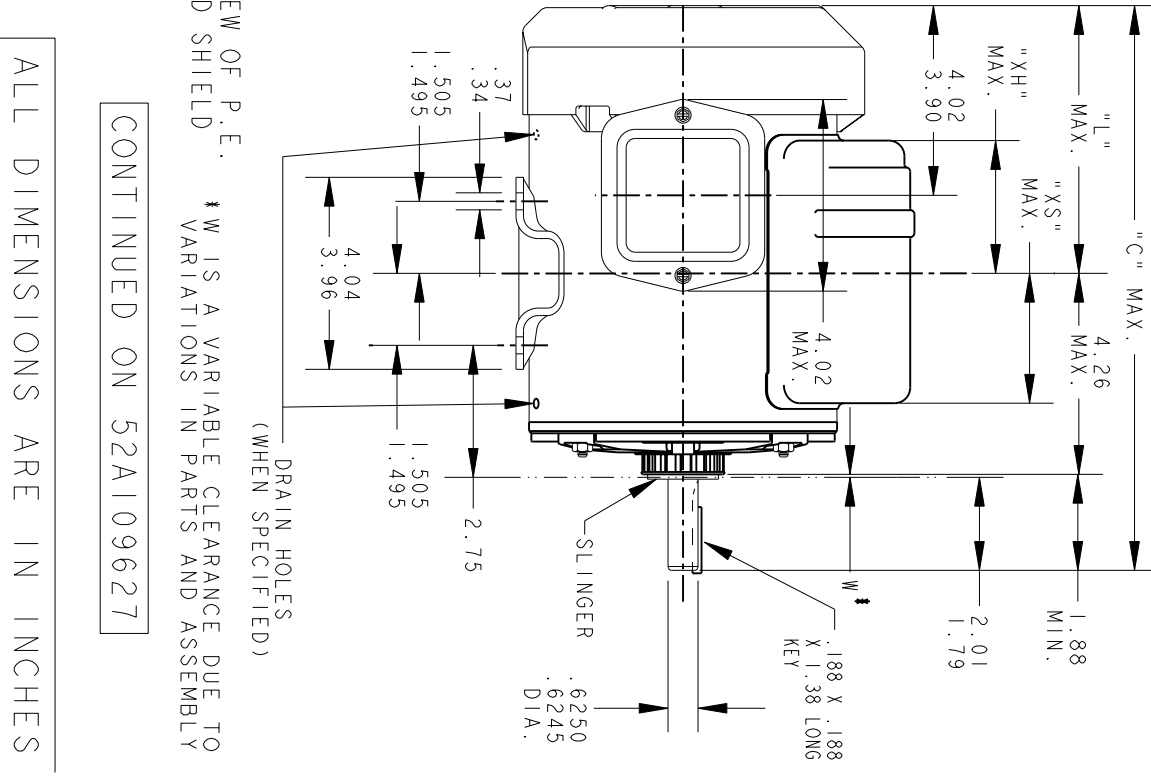
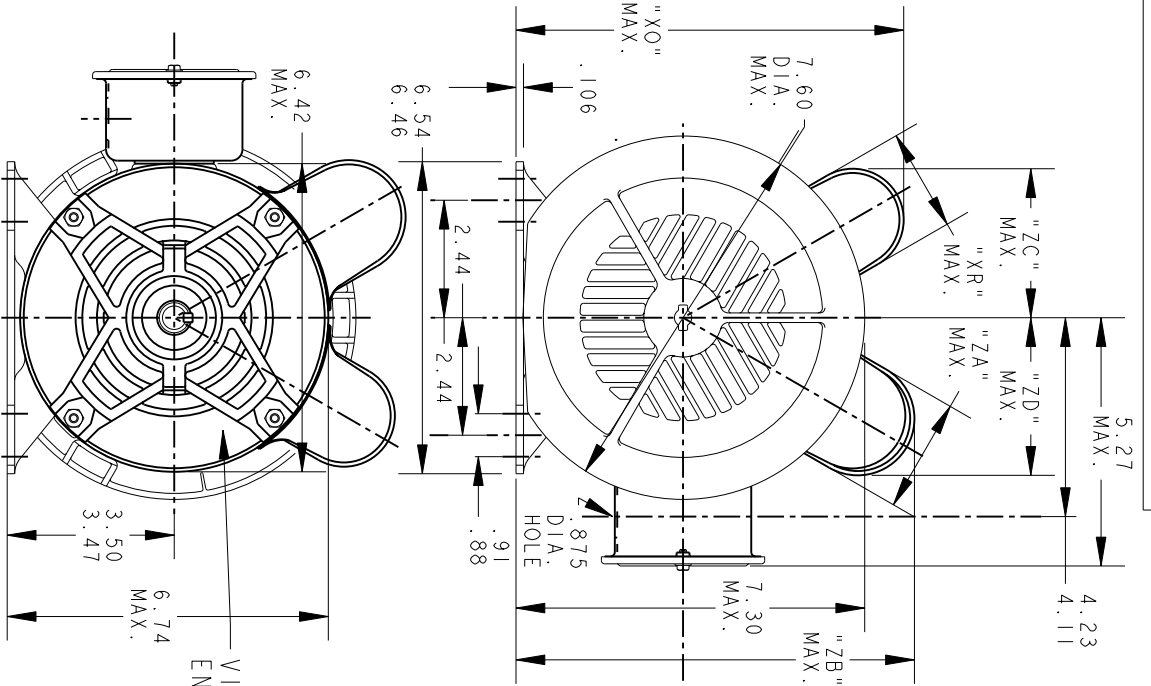
03/01/06

SUDHA

52A107728

DRAWING NO.

A



VIEW OF P.E. END SHIELD *W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY (WHEN SPECIFIED)

CONTINUED ON 52A109627

ALL DIMENSIONS ARE IN INCHES

P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL
6	KCR	48	56	13.71	7.56	3.53	8.81	2.10	2.16	2.22	8.35	3.14	3.33	8.43
5	KCR	49	56	12.96	6.81	3.61	8.14	2.10	1.99	2.22	8.31	3.12	3.25	7.68
4	KCR	49	56	12.96	6.81	3.58	8.18	2.15	2.17	2.72	8.77	3.20	3.66	7.68
3	KCR	49	56	12.43	6.28	3.51	8.18	2.15	2.24	2.40	8.40	3.20	3.38	7.15
2	KCR	46	56	11.83	5.68	2.91	8.18	2.15	2.84	2.40	8.40	3.20	3.38	6.55
1	KC	46	56	11.83	5.68	2.91	8.18	2.15	2.84	2.40	8.40	3.20	3.38	6.55

SIGNATURES		DATE
MODEL	M.D. PAPE	09/06/91
DETAIL		
CHECKED		
ENGRG		



REGAL-BELOTT CORPORATION

TITLE

GENERAL PURPOSE MOTOR TEFC - BALL BEARING
WELDED BASE FMF - 40 FRAME REDESIGN (5KC46NM0039Y)

SIZE DRAWING A

SCALE: 0.250 REF. No.: .

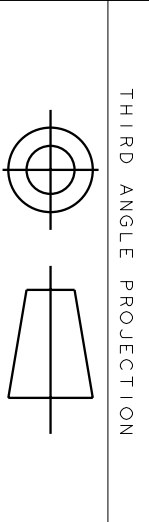
FOR ADDITIONAL INFO REFER TO:	QUALITY	M.F.G
APPLIED PRACTICES	ISSUED	M.D. PAPE
DIMENSIONS ARE IN INCHES	10/18/95	

MATERIAL SOLID MODEL: 52A107728

52A107728

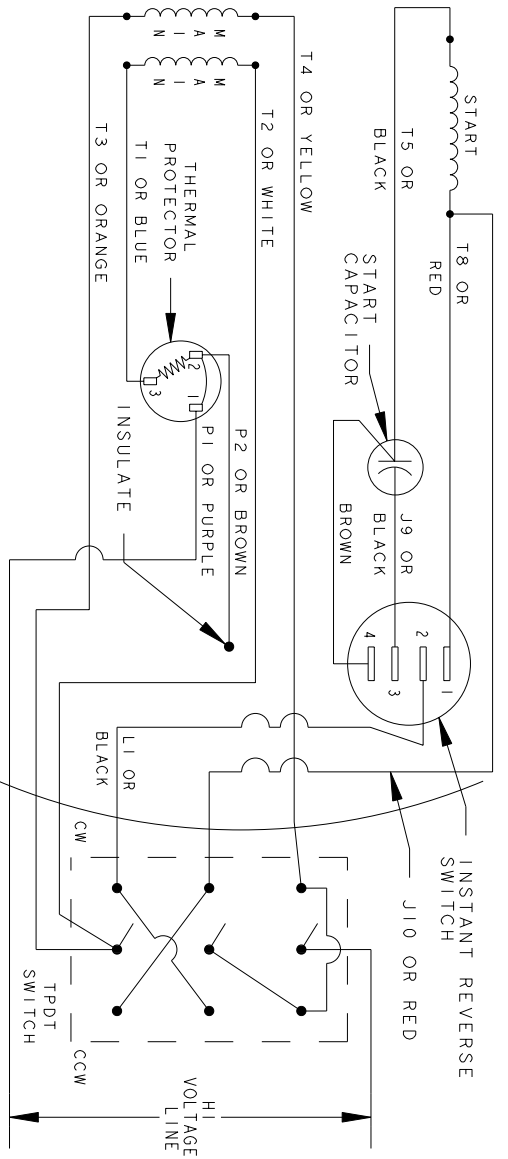
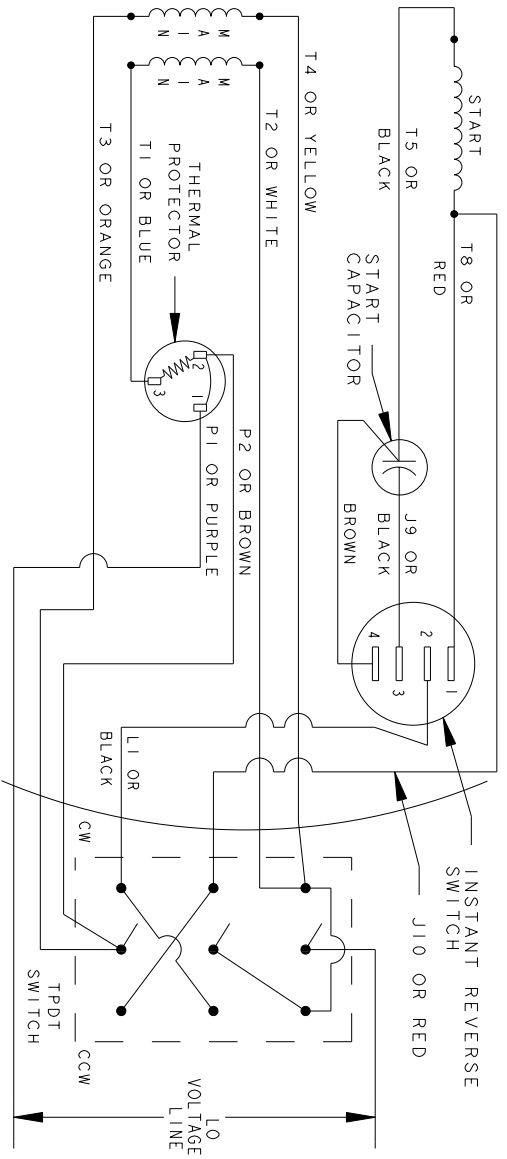
REV 7

SHEET 1 of 1



REV.	DESCRIPTION	DATE	APPROVED
5	UPDATED TO RBC FORMAT	01/10/06	MAM

INSTANTLY REVERSIBLE STERNS IR SWITCH
DUAL VOLTAGE - TYPE KC - THERMAL PROTECTOR



NOTE#1 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

NOTE#2 - DO NOT APPLY HI-POT VOLTAGE FROM LEAD TO LEAD. TIE ALL LEADS TOGETHER AND HI-POT TO GROUND. IF HI-POT LEAD TO LEAD IS PERFORMED, DISCONNECT SWITCH PRIOR TO HI-POT OPERATION. FAILURE TO DO THIS COULD RESULT IN ELECTRONIC COMPONENT IN S.S. SWITCH.

REF. DIAG. - NONE

CONNECTION LABEL - 52X332988

SIGNATURES	DATE
MODEL M.D.P.	01/05/90
DETAIL	.
CHECKED	.
ENGRG	.
MFG	.
QUALITY	.
ISSUED	M.D.P. 01/05/90
SOLID MODEL: 52A106829	



REGAL-BELOTT CORPORATION

CONNECTION DIAGRAM

FME: 5KC390N9679Q

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

SIZE	DRAWING	SCALE	REF. No.	SHEET	REV
A		1.000		1 of 1	5

52A106829