

PRODUCT INFORMATION PACKET

Model No: 5KC49NN2132X

Catalog No: C445

1 HP General Purpose Motor, 1 phase, 3600 RPM, 115/230 V, 56C Frame, TEFC
Single Phase TEFC Motors



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REGAL



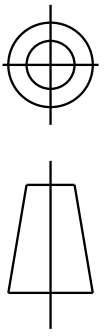
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/230 V
Current	13.0,6.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	68.5 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	L
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	AUTO	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

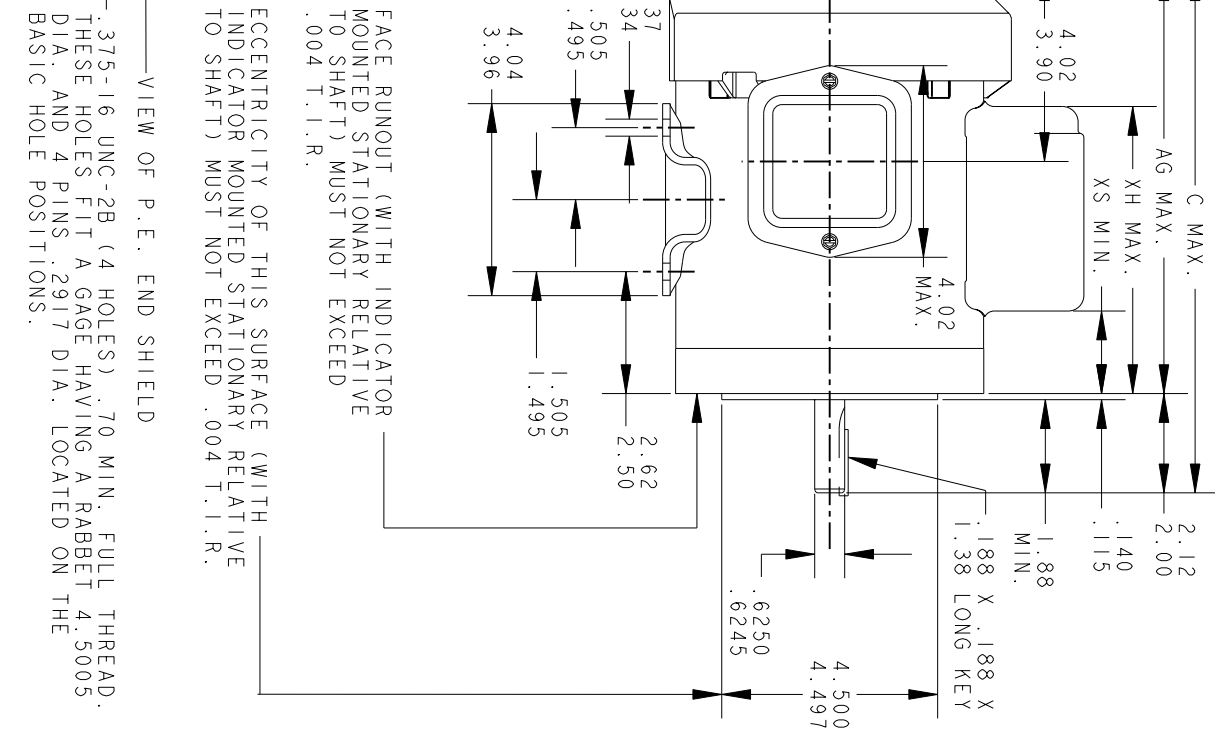
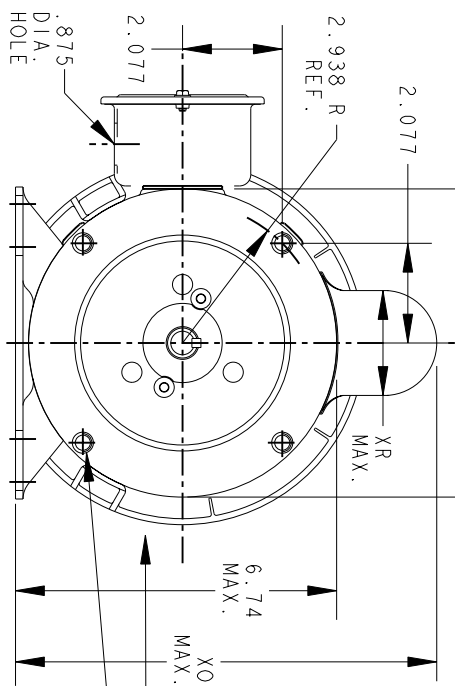
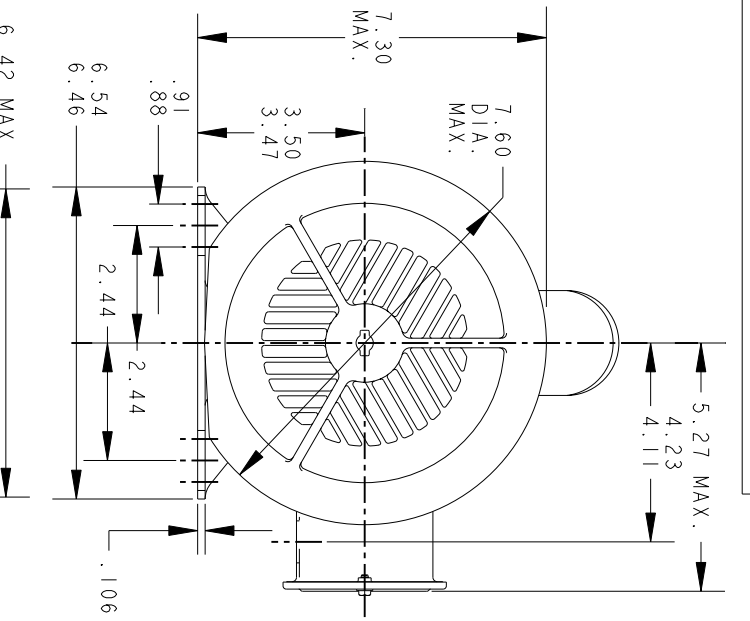
Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	12.44 in
Frame Length	7.15 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105383BA	Outline Drawing	52A107662P4

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REV.	DESCRIPTION	DATE	APPROVED
11	CHG TO RBC FORMAT PER IS05-11777	03/01/06	ARCHANA



P	TYPE	GE SIZE	NEMA FR	C	AG	XH	XO	XR	XS	MIN. SHELL
6	KC	49	56CY	12.97	10.85	7.61	8.69	2.15	1.86	7.68
5	KC	49	56CY	12.40	10.28	7.50	8.95	2.22	2.07	7.15
4	KC	49	56CY	12.44	10.32	7.54	8.22	1.60	1.79	7.15
3	KC	49	56CY	12.97	10.85	7.61	8.94	2.40	1.86	7.68
2	KC	46	56CY	11.84	9.72	6.48	8.84	2.22	1.94	6.55
1	KC	42	56CY	11.01	8.89	6.12	8.84	2.22	1.58	5.72

SIGNATURES		DATE
MODEL	M.D. PAPE	04/18/91
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D. PAPE	10/22/02
SOLID MODEL:	52A107662	

REGAL-BELOTT CORPORATION

OUTLINE

40 FRAME REDESIGN - GENERAL PURPOSE MOTOR - TEFC BALL BEARING - WELDED BASE - R2 END MOUNTED

FOR ADDITIONAL INFO REFER TO:	
APPLIED PRACTICES	CHECKED
DIMENSIONS ARE IN INCHES	ENGRG
	MFG
	QUALITY
	ISSUED
	M.D. PAPE
	10/22/02
	SOLID MODEL: 52A107662

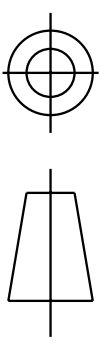
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52A107662

REV 11

SHEET 1 of 1



THIRD ANGLE PROJECTION

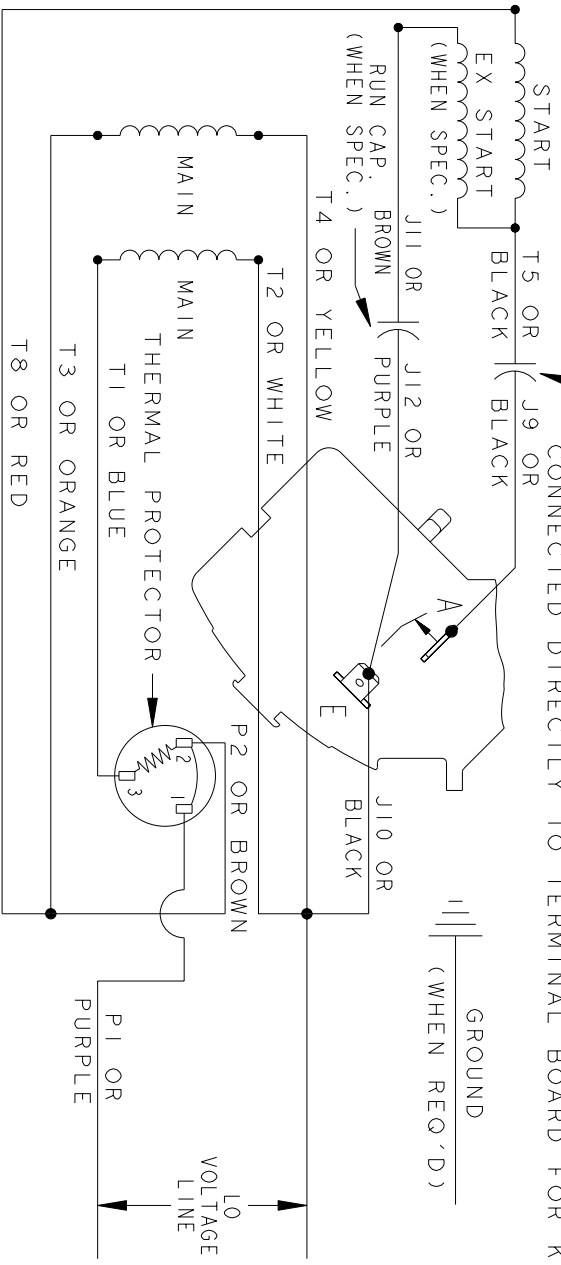
REVISIONS

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

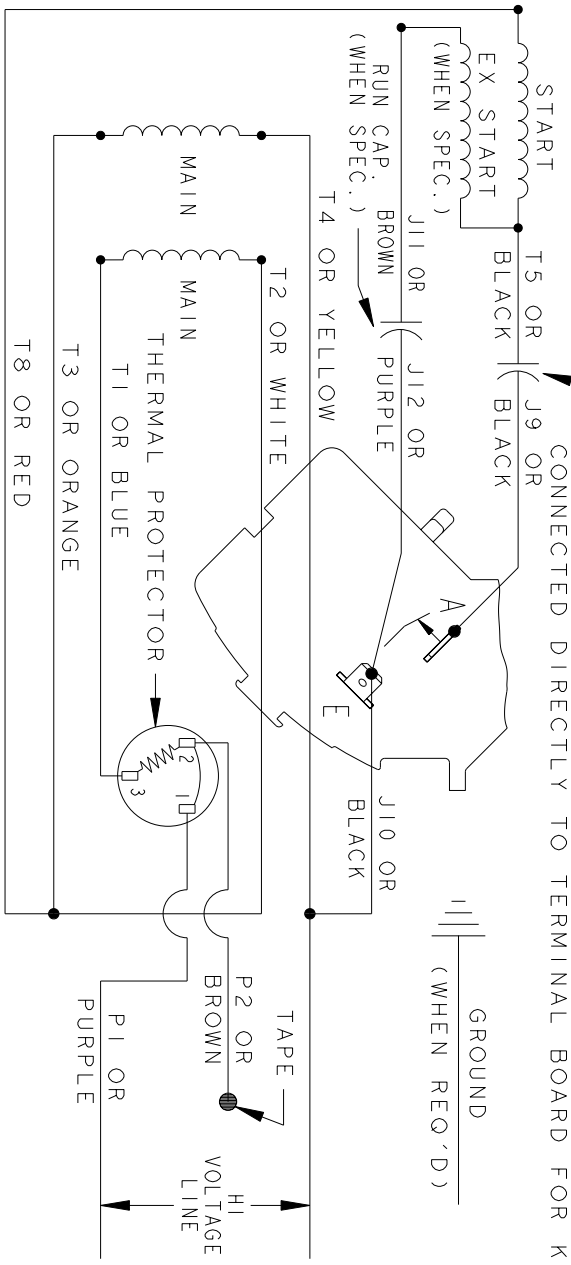
REV 7

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

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



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



NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.
 NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.
 NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS.

SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP)

REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912

SIGNATURES		DATE
MODEL	M.D.P.	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.P.	12/11/97
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL	SOLID MODEL: 52A105383BA	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

52A105383BA

SIZE DRAWING	A	SCALE: 1.000	REF. No.:		SHEET 1 of 1
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