

PRODUCT INFORMATION PACKET

Model No: 5KC49NN2132X
Catalog No: C445
1,3450,TEFC,56C,1/60/115/230
Totally Enclosed Fan Cooled (TEFC)



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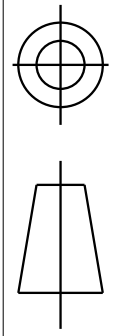
Nameplate Specifications

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 %	Duty	Continuous
Insulation Class	B	Design Code	-
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	AUTO
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N

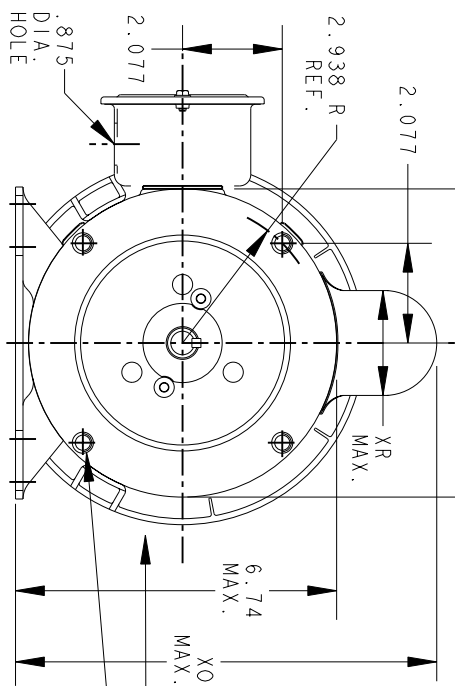
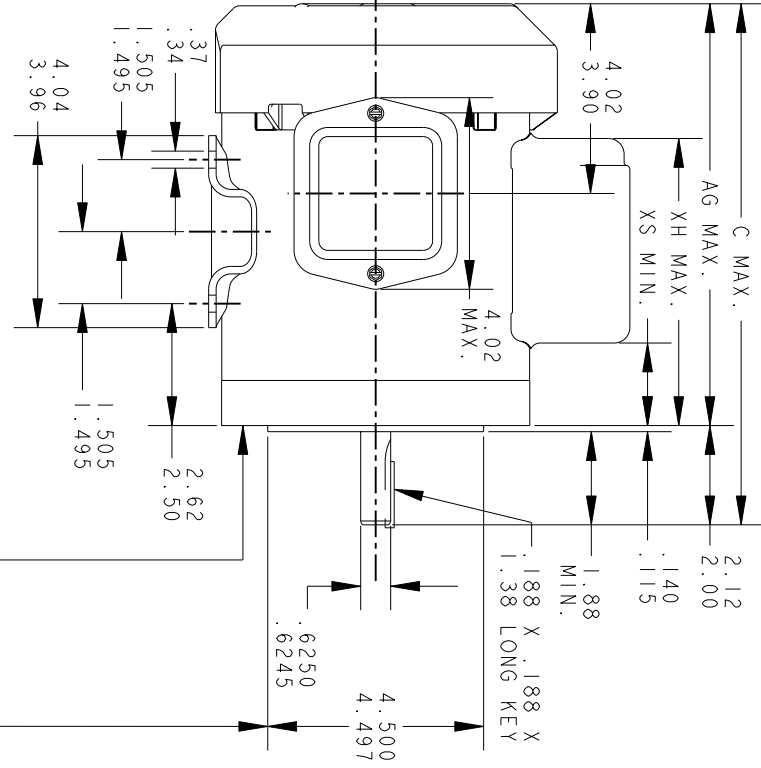
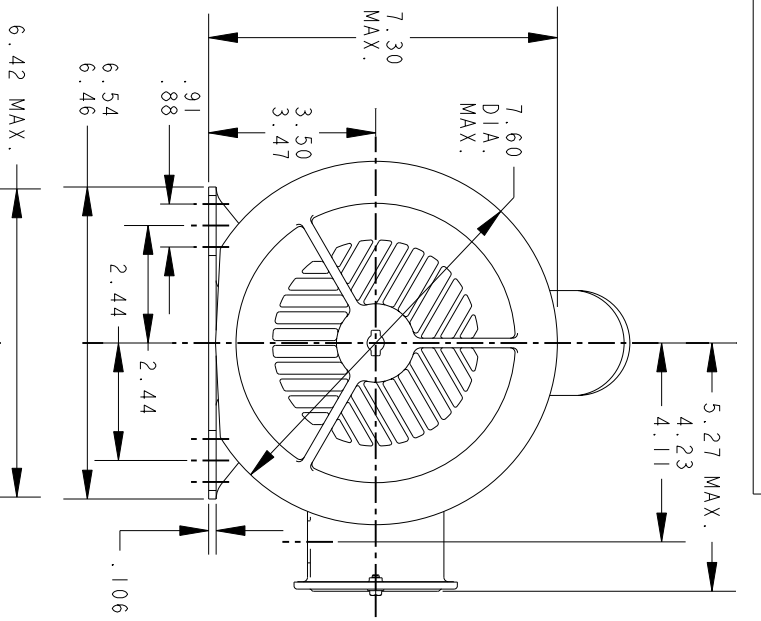
Technical Specifications

Electrical Type	Capacitor start(CSIR)	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		
Outline Drawing	52A107662P4	Connection Diagram	52A105383BA

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



FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

VIEW OF P.E. END SHIELD

.375-16 UNC-2B (4 HOLES) .70 MIN. FULL THREAD. THESE HOLES FIT A GAGE HAVING A RABBIT 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIC HOLE POSITIONS.

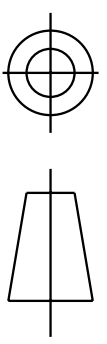
P	TYPE	GE SIZE	NEMA FR	C	AG	XH	XO	XR	XS	MIN SHELL
6	KC	49	56CY	12.97	10.85	7.61	8.69	2.15	1.86	7.68
5	KC	49	56CY	12.40	10.28	7.50	8.95	2.22	2.07	7.15
4	KC	49	56CY	12.44	10.32	7.54	8.22	1.60	1.79	7.15
3	KC	49	56CY	12.97	10.85	7.61	8.94	2.40	1.86	7.68
2	KC	46	56CY	11.84	9.72	6.48	8.84	2.22	1.94	6.55
1	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		
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	M.D. PAPE 10/22/02
MATERIAL	SOLID MODEL: 52A107662	



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

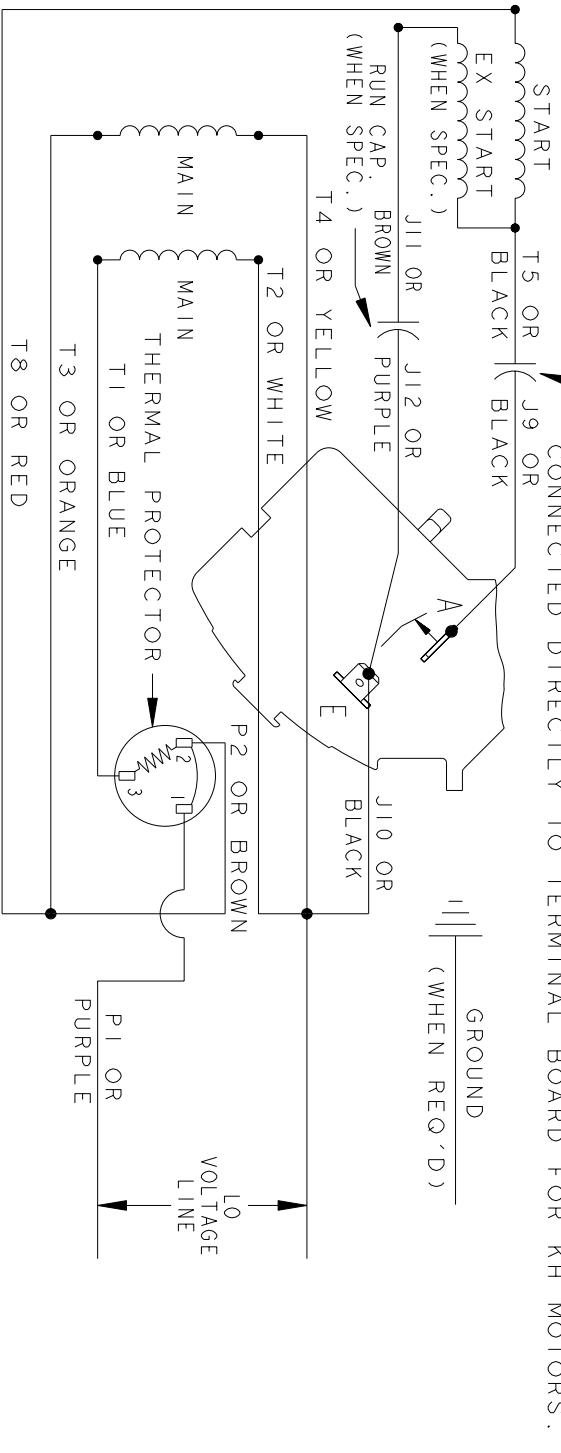
REGAL-BELOTT CORPORATION
OUTLINE
SCALE: 0.003 REF. No.:
SIZE DRAWING A
52A107662
REV 11



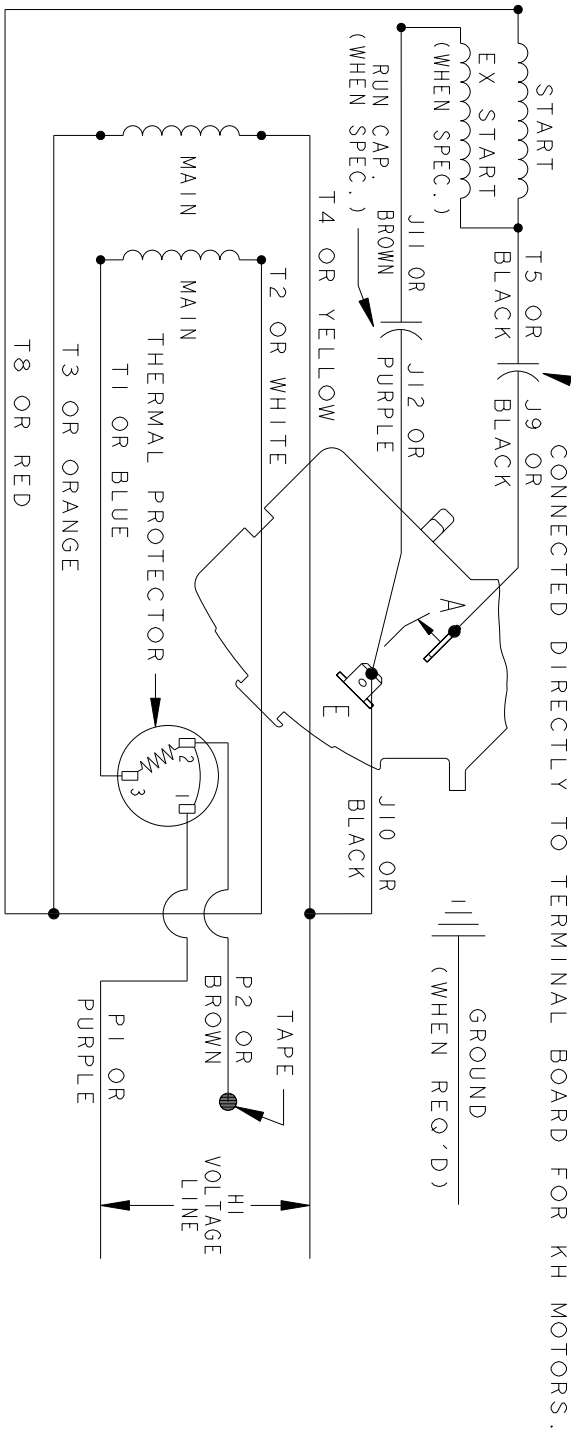
REV.	DESCRIPTION	DATE	APPROVED
7	UPDATED FORMAT	01/05/06	MAM

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 BELLOTT CORPORATION

CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

SCALE: 1.000 REF. No.: .

SIZE DRAWING A

TITLE

REV 7

SHEET 1 of 1