

PRODUCT INFORMATION PACKET

Modal No: 5KC32GN9
Catalog No: C242
1/4, 1800, TEFC, 48, 1/60/115/230
Totally Enclosed Fan Cooled (TEFC)



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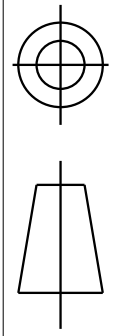
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115/230 V
Current	5.4,2.7 A	Speed	1725 rpm
Service Factor	1	Phases	1
Efficiency	51 %	Duty	CONT
Insulation Class	B	KVA Code	M
Frame	48	Enclosure	TEFC
Overload Protector	N/R	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

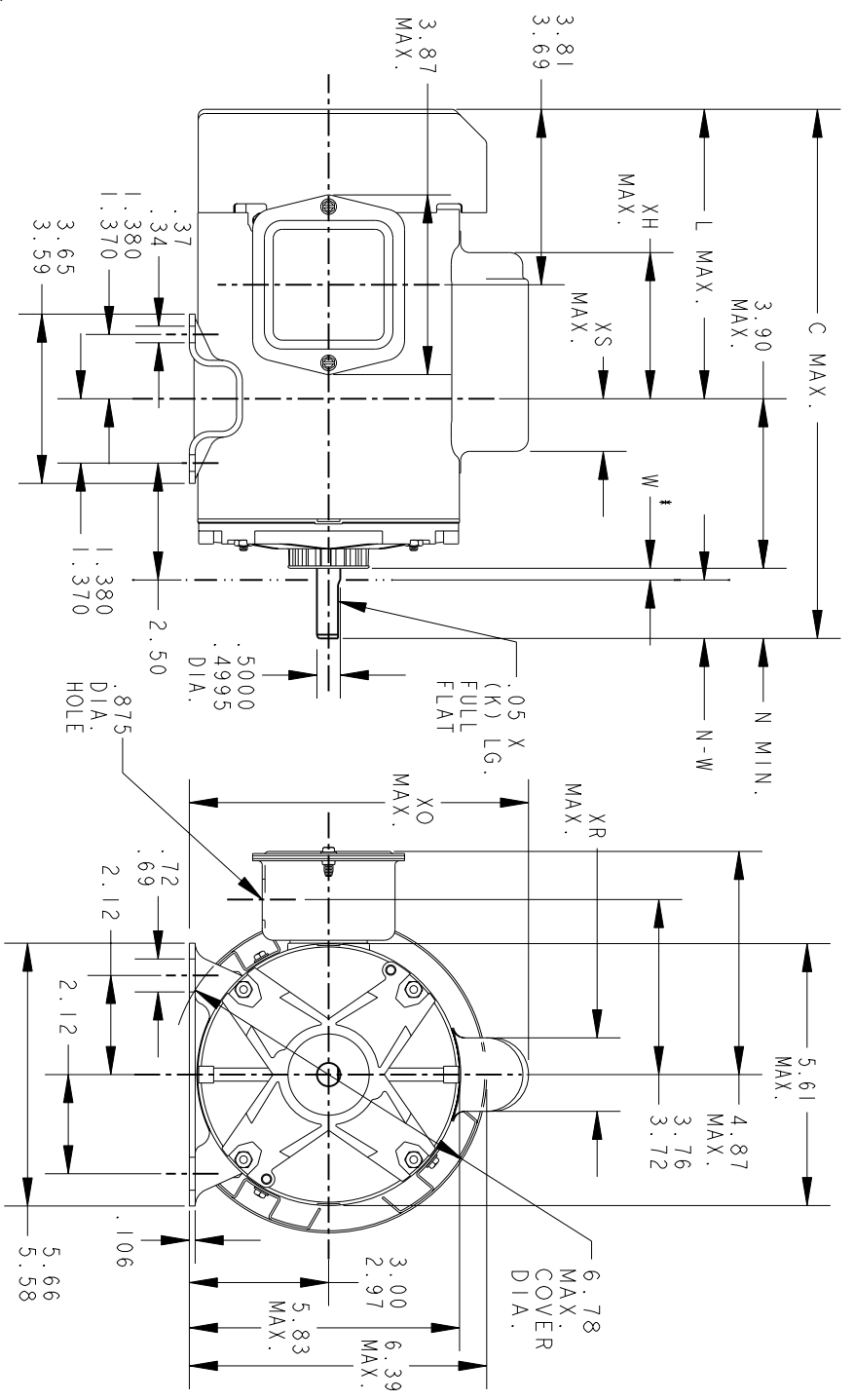
Technical Specifications

Electrical Type	Capacitor start(CSIR)	Starting Method	SM
Poles	4	Rotation	CCW/CW
Mounting	WB	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	10 in
Frame Length	5.16 in	Shaft Diameter	0.5 in
Shaft Extension	1.5 in		

THIRD ANGLE PROJECTION



REV.	DESCRIPTION	DATE	APPROVED
7	ADDED PARTS #10 & #11.	11/04/99	M.D. PAPE
8	CHG TO RBC FORMAT PER IS05-1777	12/22/05	DURGA



W # IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY

P	TYPE	GE SIZE	NEMA FR	C	K	L	N	N-W	XH	XO	XR	XS	SHELL LGTH
11	KC	36	48Z	11.23	0.50	5.60	1.75	1.88/1.66	3.02	7.31	1.60	2.35	
10	KC	37	48Z	11.63	0.50	6.00	1.75	1.88/1.66	3.42	7.31	1.60	2.35	
9	KC	32	48	10.00	1.16	4.66	1.50	1.63/1.41	2.26	7.31	1.60	2.14	
8	KC	35	48	10.55	1.16	5.17	1.50	1.63/1.41	2.59	7.93	2.22	1.97	
7	KC	33	48	10.17	1.16	4.79	1.50	1.63/1.41	2.21	7.93	2.22	2.35	
6	KC	38	48	11.98	1.16	6.60	1.50	1.63/1.41	4.02	7.31	1.60	1.75	
5	KC	37	48	11.38	1.16	6.00	1.50	1.63/1.41	3.42	7.31	1.60	2.35	
4	KC	36	48	10.98	1.16	5.60	1.50	1.63/1.41	3.02	7.31	1.60	2.35	
3	KC	35	48	10.55	1.16	5.17	1.50	1.63/1.41	2.59	7.31	1.60	1.97	
2	KC	33	48	10.17	1.16	4.79	1.50	1.63/1.41	2.21	7.31	1.60	2.35	
1	KC	32	48	9.92	1.16	4.54	1.50	1.63/1.41	2.16	7.31	1.60	2.43	

SIGNATURES		DATE
MODEL		
DETAIL	FPK	12/20/76
CHECKED		
ENGRG		
MFG		
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	BLJ 2/6/91
MATERIAL	SOLID MODEL: 52A102057	

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OUTLINE

GENERAL PURPOSE MOTOR -FORM N -TOTALLY ENCL. OUTBOARD FAN - WELDED BASE - BALL BEARING

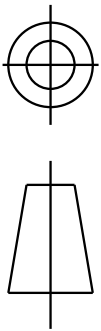
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SIZE DRAWING A

52A102057

REV 8

SHEET 1 of 1



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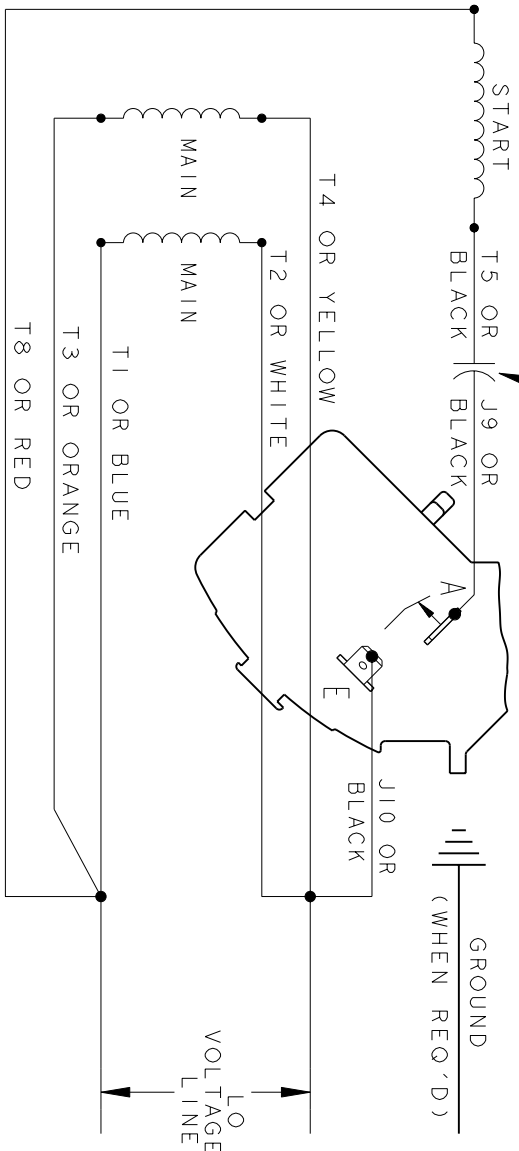
3	UPDATED FORMAT	01/04/06	MAM
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01/04/06	MAM
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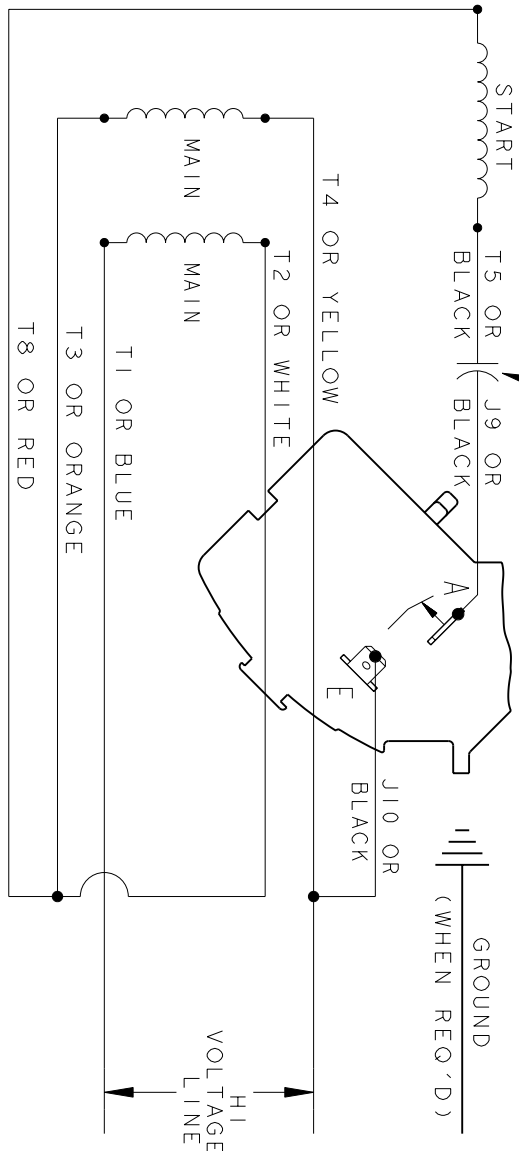
MAM

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.



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.

SWITCH (H) - 115D958AA

REF. DIAG. - 113A326

CONNECTION LABEL - 52X332917



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

SIGNATURES		DATE
MODEL	M.D. PAPER	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D. P.	06/29/87
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL	SOLID MODEL: 52A105381BA	

TITLE	FME: 30 FRAME SWITCH REDESIGN	REV
SIZE DRAWING	A	3
SCALE: 1.000	REF. No.:	SHEET 1 of 1