

# PRODUCT INFORMATION PACKET

Model No: 5KC32GN9

Catalog No: C242

1/4 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 48 Frame, TEFC  
Single Phase TEFC Motors



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REGAL



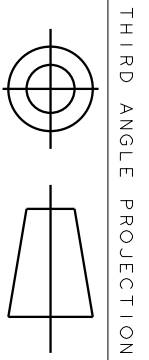
### Nameplate Specifications

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	Phase	1
Efficiency	51 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	Frame	48
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	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

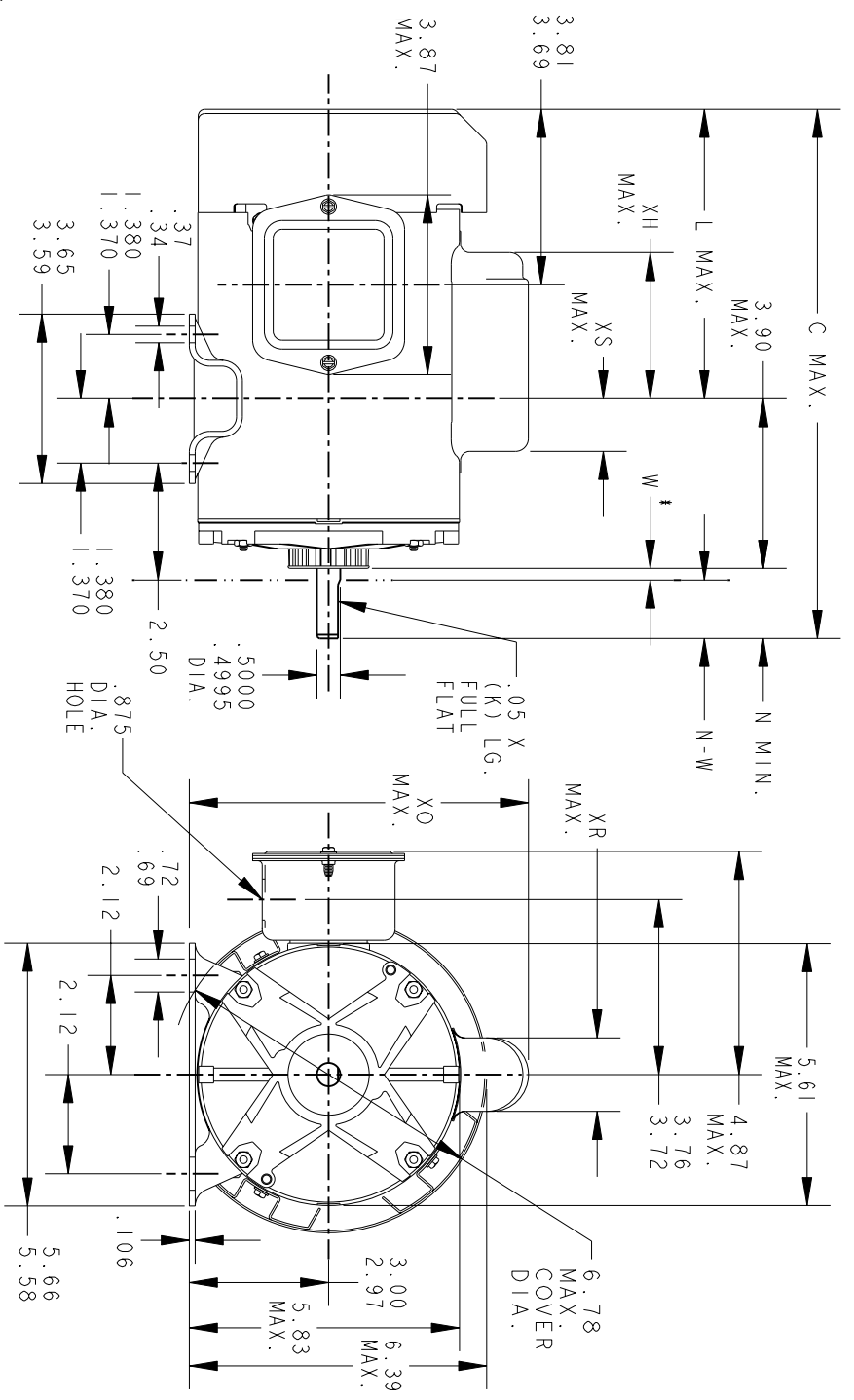
Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	10 in
Frame Length	5.16 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in		
Connection Drawing	52A105381BA	Outline Drawing	52A102057P9

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THIRD ANGLE PROJECTION

REVISIONS		REVISED	
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		

**REGAL-BELOIT CORPORATION**

**OUTLINE**

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

SCALE: 1.000 REF. No.: .

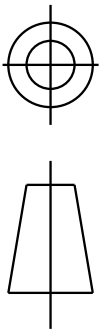
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SHEET 1 of 1

THIRD ANGLE PROJECTION

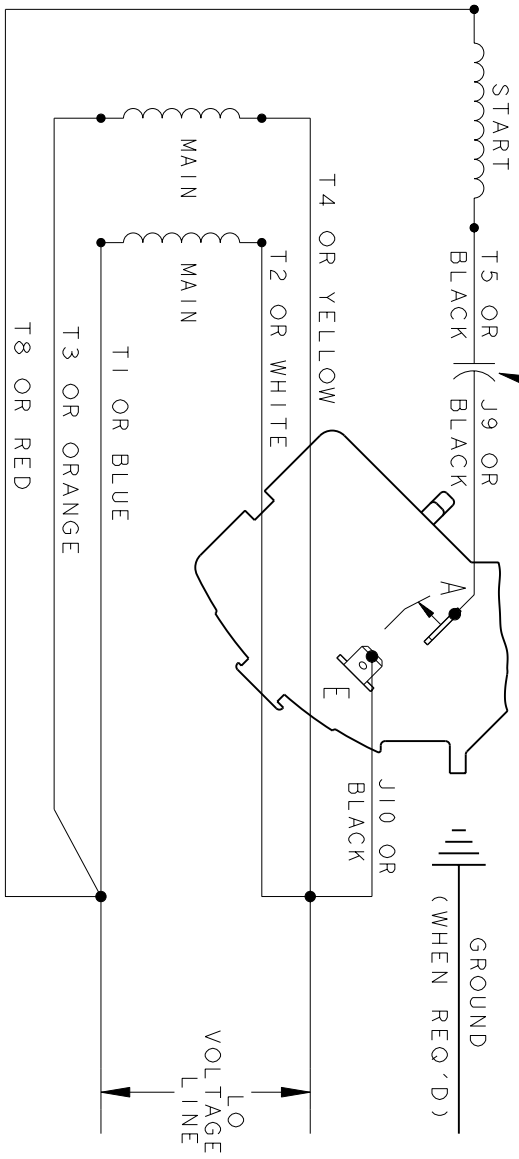


REVISIONS

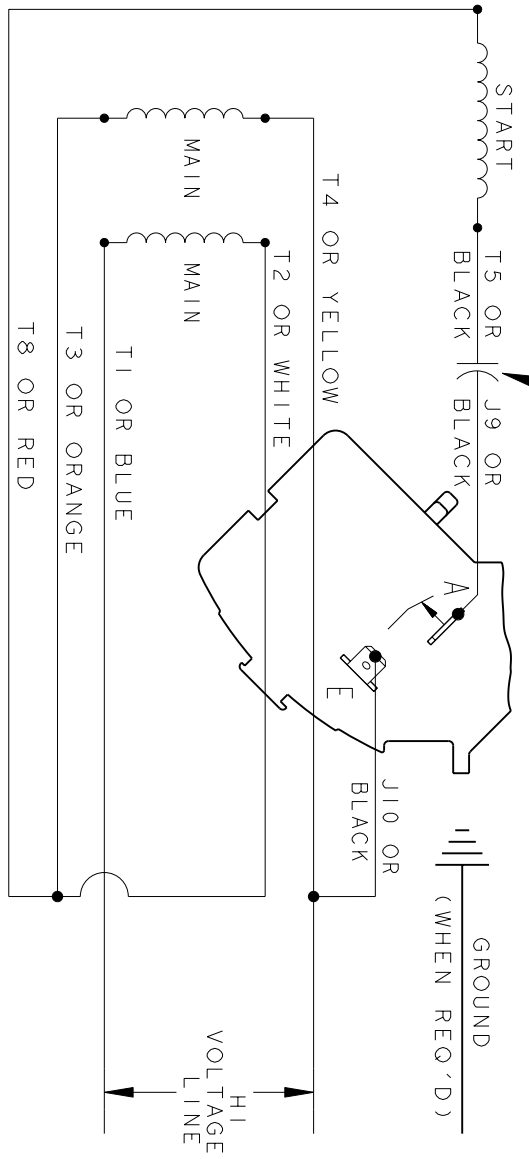
REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/04/06	MAM

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
SOLID MODEL: 52A105381BA		

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