

PRODUCT INFORMATION PACKET

Model No: 5KC49GN0001

Catalog No: B1316

1/2 HP General Purpose Motor, 1 phase, 1800 RPM, 115/208-230 V, 56 Frame, ODP
Single Phase ODP Motors



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REGAL



Nameplate Specifications

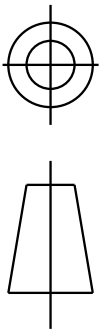
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	8.8,4.2-4.4 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	52.5 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	N	Frame	56
Enclosure	Drip Proof	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive 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	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	10.38 in
Frame Length	6.15 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107737P10	Connection Drawing	52A105381AA

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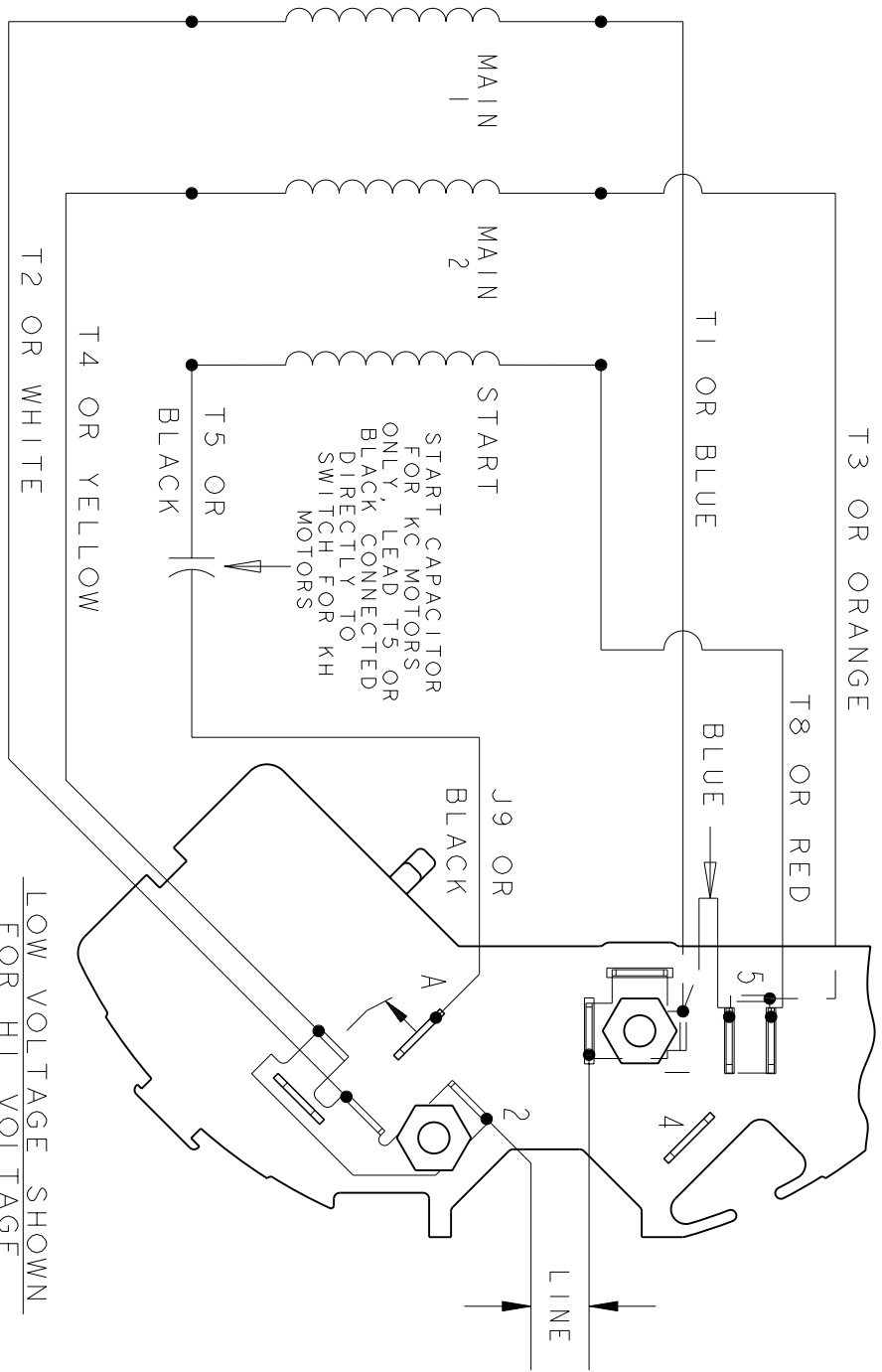
THIRD ANGLE PROJECTION



REVISIONS

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

EITHER ROTATION - DUAL VOLTAGE
TYPE KC OR KH
T3 OR ORANGE



START CAPACITOR
FOR KC MOTORS
ONLY. LEAD, T5 OR
BLACK CONNECTED
DIRECTLY TO
SWITCH FOR KH
MOTORS

LOW VOLTAGE SHOWN
FOR HI VOLTAGE
SEE NOTE #1

- NOTE #1 - FOR HI VOLTAGE REMOVE BLUE FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE WHITE (T2) FROM TERMINAL #2 AND PLACE ON TERMINAL #5.
- NOTE #2 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.
- NOTE #3 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

REF. DIAG. - 121A852

SWITCH (C) - 115D958AB
CONNECTION LABEL - 52X332050

SIGNATURES		DATE
MODEL	M.D. PAPE	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.P.	06/29/87
SOLID MODEL: 52A105381AA		



REGAL-BELOIT CORPORATION

TITLE
CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

52A105381AA

SIZE	DRAWING	REV
A		2

SCALE: 1.000 REF. No.: SHEET 1 of 1