

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5KH49SN3048
Catalog No: H300
1/4-1/10,1140/850,DP,56,1/60/115
Fan and Blower



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REGAL[®]

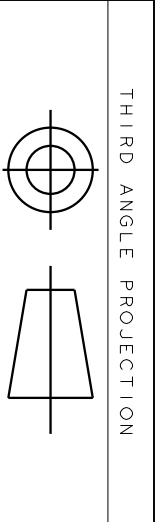
Nameplate Specifications

Output HP	1/4-1/10 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115 V
Current	5.8,3.6 A	Speed	1140/850 rpm
Service Factor	1.35	Phase	1
Efficiency	52.5 %	Duty	Continuous
Insulation Class	B	Design Code	-
KVA Code	M	Frame	56
Enclosure	Drip Proof	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	Split Phase	Starting Method	SM
Poles	6	Rotation	Counterclockwise/Clockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	12.01 in
Frame Length	7.68 in	Shaft Diameter	0.63 in
Shaft Extension	1.88 in	Thru-bolts Extension	0
Outline Drawing	52A109511P4	Connection Diagram	52A106478AA

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THIRD ANGLE PROJECTION

REV.	DESCRIPTION	DATE	APPROVED
5	UPDATED TO RBC FORMAT	01/09/06	MAM

EITHER ROTATION
 SINGLE VOLTAGE
 TYPE KC, KCR, OR KH
 2 SPEED
 POLE CHANGING

T1 OR BLUE

T2 OR WHITE

T8 OR RED

J10 OR RED

MAIN (HI)

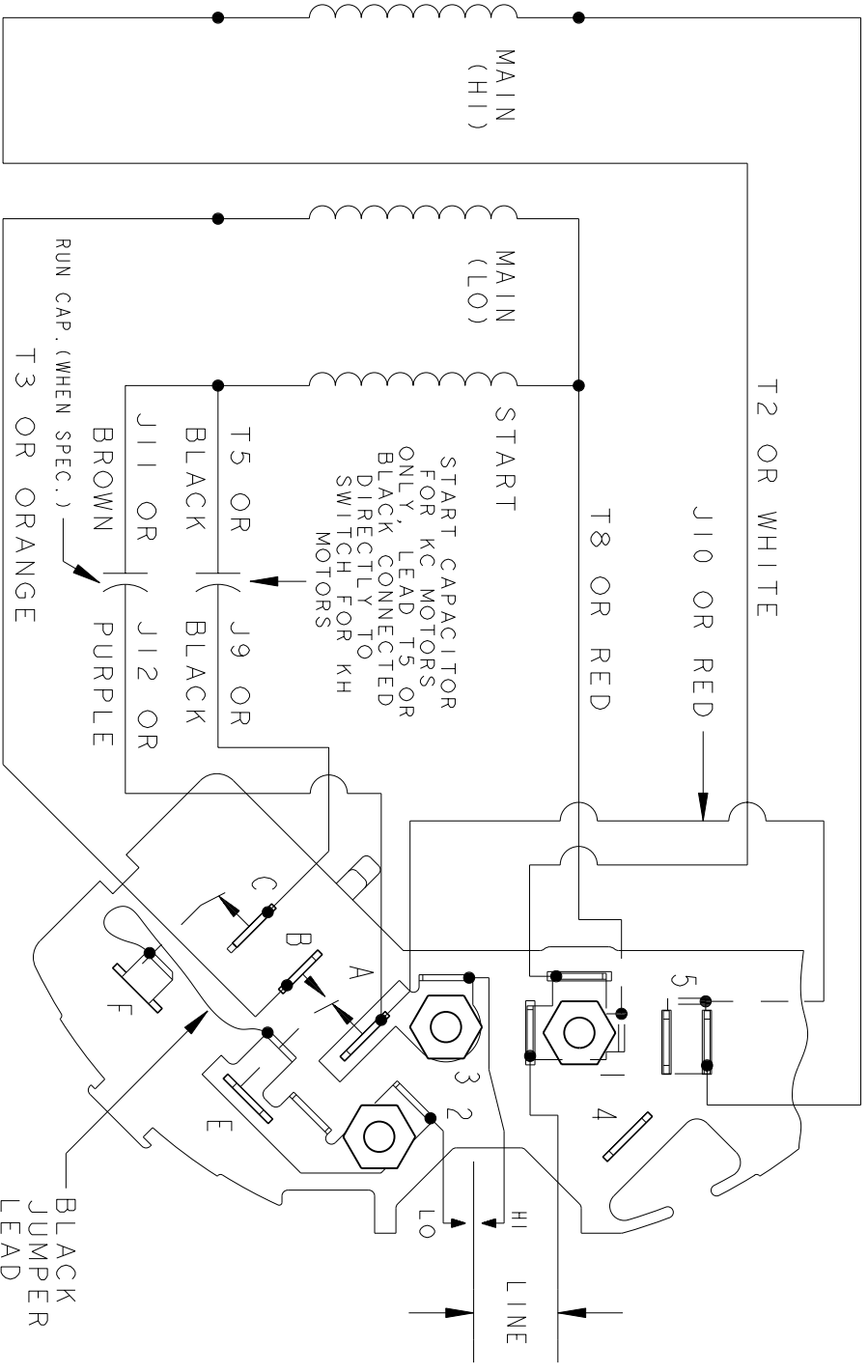
MAIN (LO)

START

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

T5 OR BLACK
 J11 OR BROWN
 J9 OR BLACK
 J12 OR PURPLE
 RUN CAP. (WHEN SPEC.)
 T3 OR ORANGE

BLACK
 JUMPER
 LEAD



NOTE #1 - TO REVERSE ROTATION INTERCHANGE BLUE (T1) AND WHITE (T2) LEADS.
 NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (D) - 115D9558BA

CONNECTION LABEL - 52X332073

REF. DIAG. - 121A865

SIGNATURES	DATE
MODEL M.D.P.	12/14/87
DETAIL	
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED M.D.P.	12/14/87
APPLIED PRACTICES	
DIMENSIONS ARE IN INCHES	
MATERIAL	SOLID MODEL: 52A106478AA



REGAL-BELOLT CORPORATION

TITLE CONNECTION DIAGRAM

FMF: 5KH36KN114G

52A106478AA

REV 5

SCALE: 1.000 REF. No.:

SHEET 1 of 1