

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5KC36LN4003Y
Catalog No: C664
1/2,3450,TEFC,56,1/60/115/230
Totally Enclosed Fan Cooled (TEFC)



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REGAL[®]

Product Information Packet: Model No: 5KC36LN4003Y, Catalog No:C664 1/2,3450,TEFC,56,1/60/115/230

Nameplate Specifications

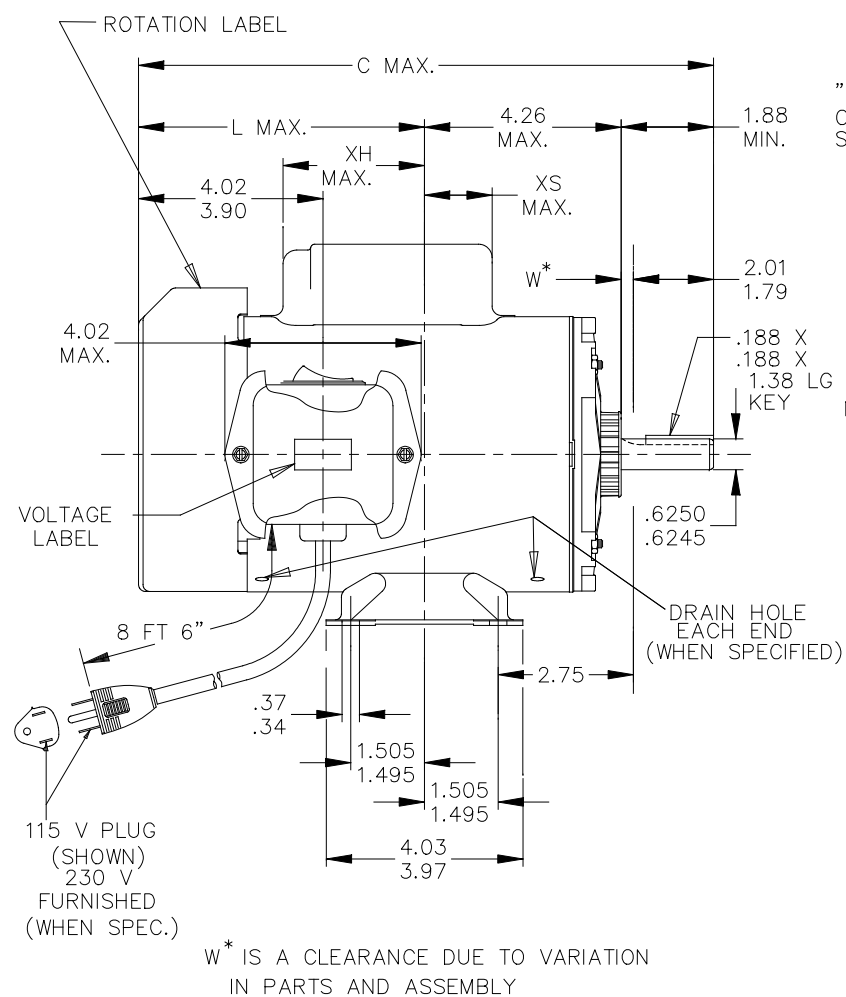
Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	8.0,4.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	68.8 %	Duty	Continuous
Insulation Class	B	KVA Code	L
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Overload Protector	MAN	Ambient Temperature	40 °C
Drive End Bearing 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	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	11.36 in
Frame Length	6.22 in	Shaft Diameter	0.63 in
Shaft Extension	1.88 in		
Outline Drawing	52A110735P1	Connection Diagram	52A105383BB

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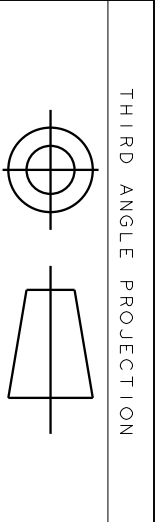
52A110735



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

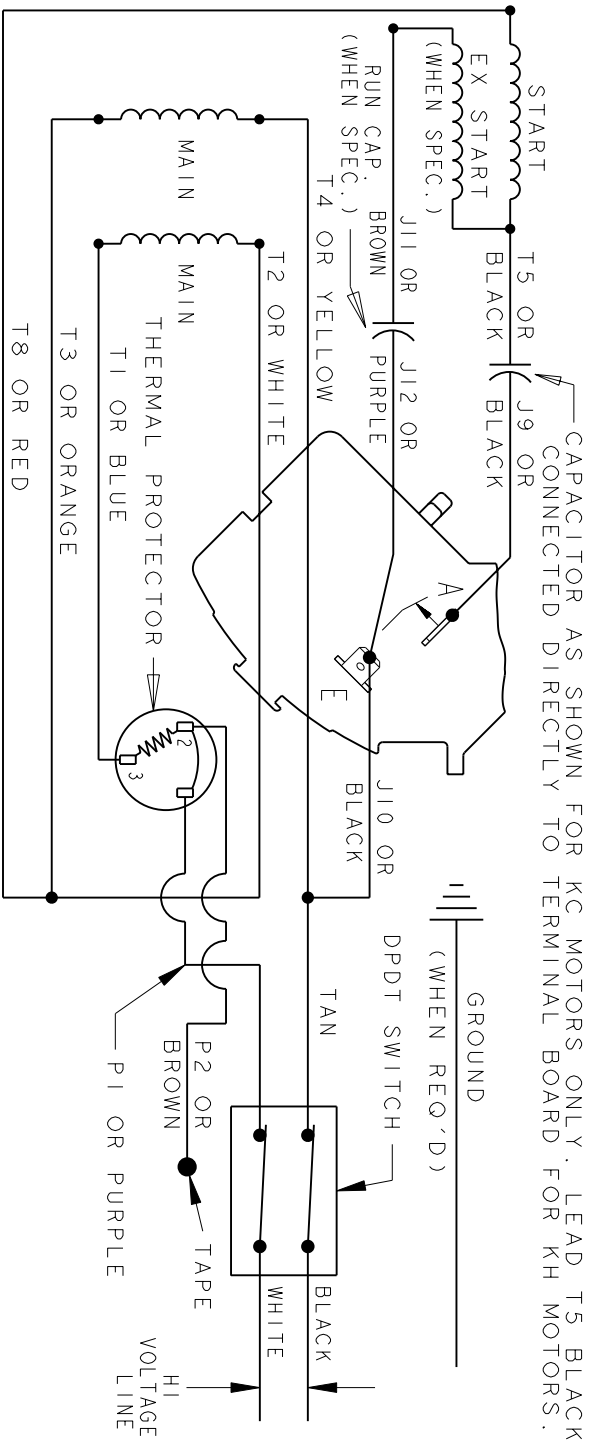
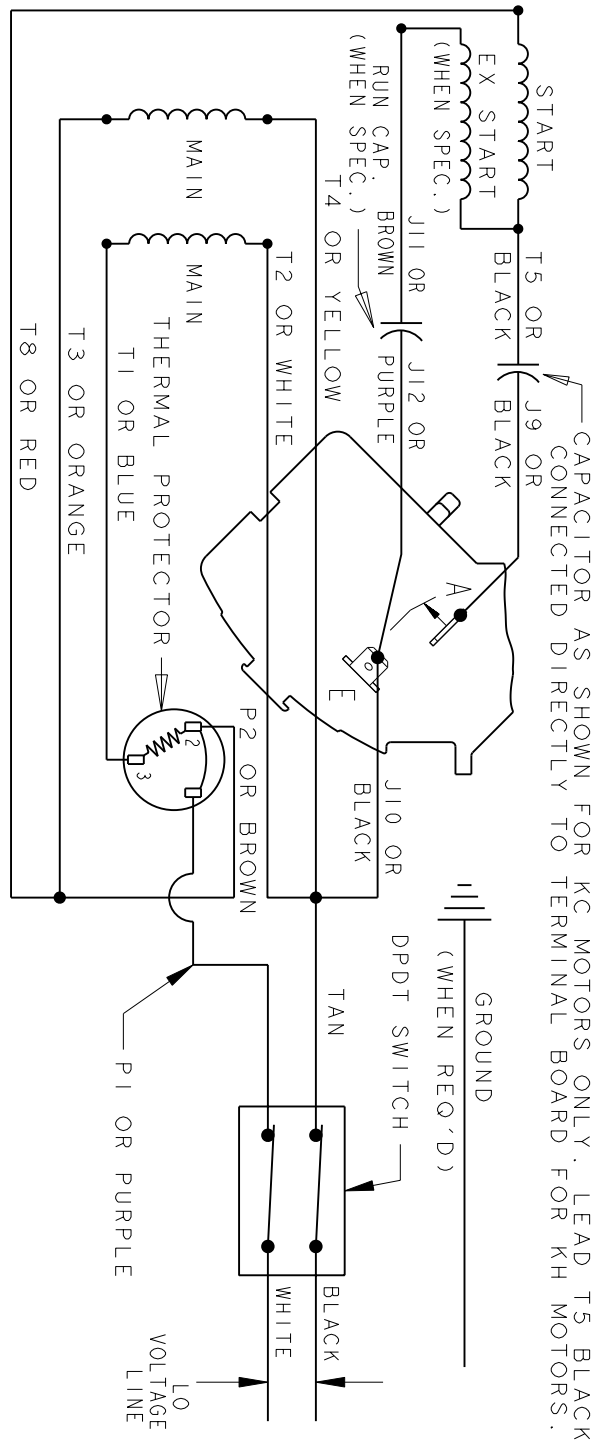
1	KC	33	56	11.36	5.18	2.58	7.81	1.60	2.69	6.22
P	TYPE	GE SIZE	NEMA FR	C	L	XH	XO	XR	XS	SHELL LGTH.

			TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.	DRAWN R.P.C 10/05/00				
			DEC.			CHK				
			.X	±.1	APPD R.P.C 10/05/00		SCALE 1=1			
3	ADDED DRAIN HOLES PER ECO-0136529	SN 12/20/17	.XX	±.03	TITLE OUTLINE		REF			
2	CHG TO RBC FORMAT PER ISO5-1777	SUD 04/26/06	.XXX	±.005	GENERAL PURPOSE MTR-TEFC-BALL BEARING-WELDED BASE		FMF			
1	REVISED BOX, ADDED LABELS	M.D.P02/08/01	.XXXX	±.0005	MAT'L.		PREV			
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH					
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT					RFP	CAD FILE 52A110735	SIZE A	DRAWING NO. 52A110735	PAGE OF 3	REV. 3
					DIST					



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

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC, KH, OR KCR - WITH THERMAL PROTECTOR



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. - 52A104929 CONNECTION LABEL - 52X332946

SIGNATURES		DATE
MODEL	M.D.P.	05/27/88
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY	M.D.P.	09/18/92
ISSUED		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL	SOLID MODEL: 52A105383BB	

REGAL BELLOTT CORPORATION

CONNECTION DIAGRAM

SCALE: 1.000 REF. No.: .

SIZE DRAWING: A

FME: 5KC36PM435GX

52A105383BB

REV 7

SHEET 1 of 1