

# PRODUCT INFORMATION PACKET

Model No: 5KC36LN4003Y

Catalog No: C664

General Purpose Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56 Frame, TEFC



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**Nameplate Specifications**

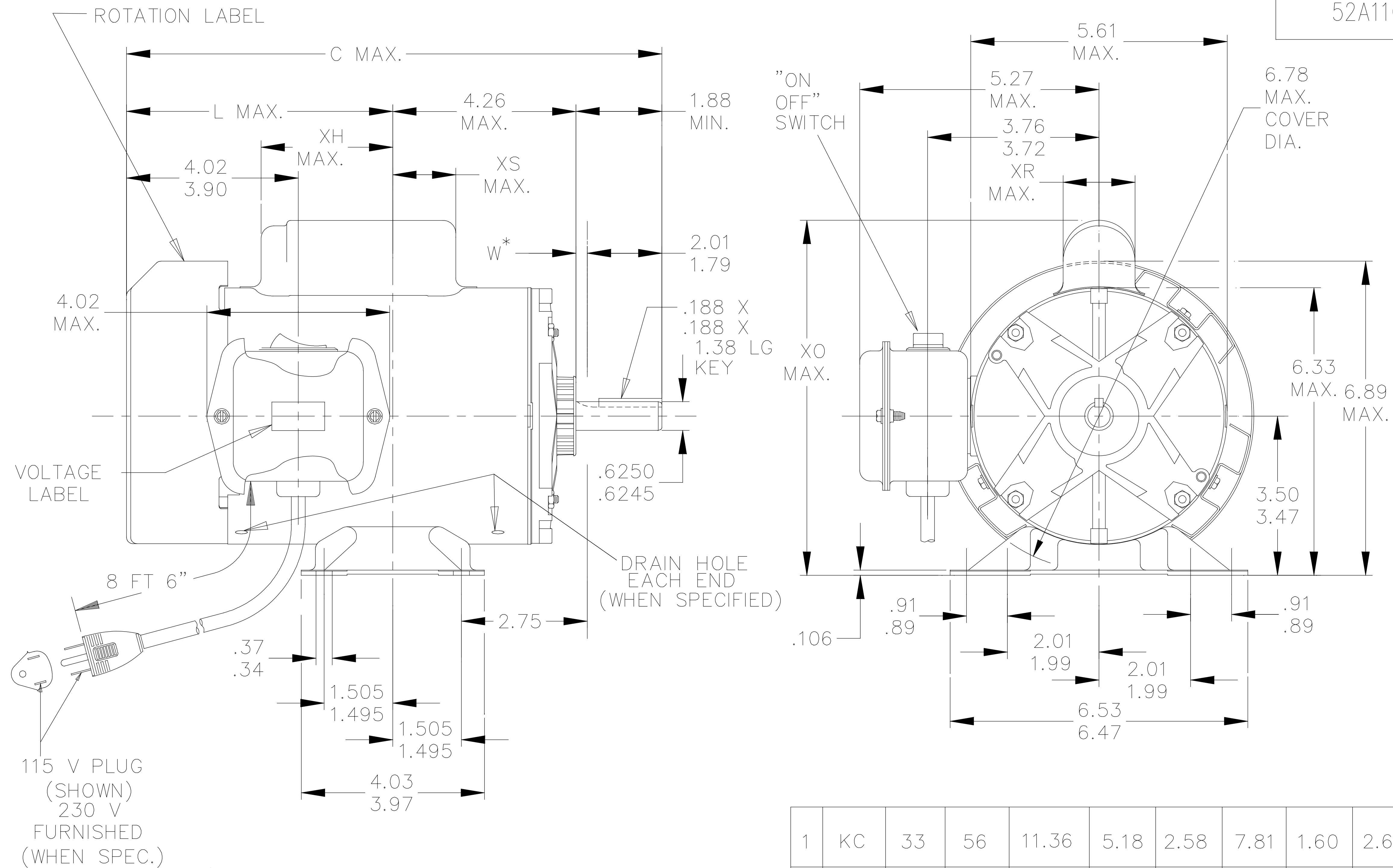
Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>8.0,4.0 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>68.8 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Thermal Protection	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Yes</b>	CE	<b>N</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>SM</b>
Poles	<b>2</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Rigid Base</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>11.36 in</b>
Frame Length	<b>6.22 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>1.88 in</b>		
Outline Drawing	<b>52A110735P1</b>	Connection Drawing	<b>52A105383BB</b>

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52A110735



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

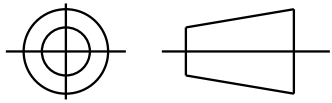
1	KC	33	56	11.36	5.18	2.58	7.81	1.60	2.69	6.22
P	TYPE	GE SIZE	NEMA FR	C	L	XH	XO	XR	XS	SHELL LGTH.

				TOLERANCES UNLESS SPECIFIED		DRAWN R.P.C 10/05/00	
				DEC.		CHK	
				.X	±.1	APPD R.P.C 10/05/00	
3	ADDED DRAIN HOLES PER ECO-0136529	SN 12/20/17		.XX	±.03	SCALE 1=1	
2	CHG TO RBC FORMAT PER IS05-1777	SUD 04/26/06	SN	.XXX	±.005	REF	
1	REVISED BOX, ADDED LABELS	M.D.P02/08/01	SUD	.XXXX	±.0005	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	PREV	
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
				DIST	DRAWING NO. 52A110735		PAGE OF 3
						REV. 3	

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SHEET 1  
 REV 7  
 SIZE DRAWING NO. 52A105383BB

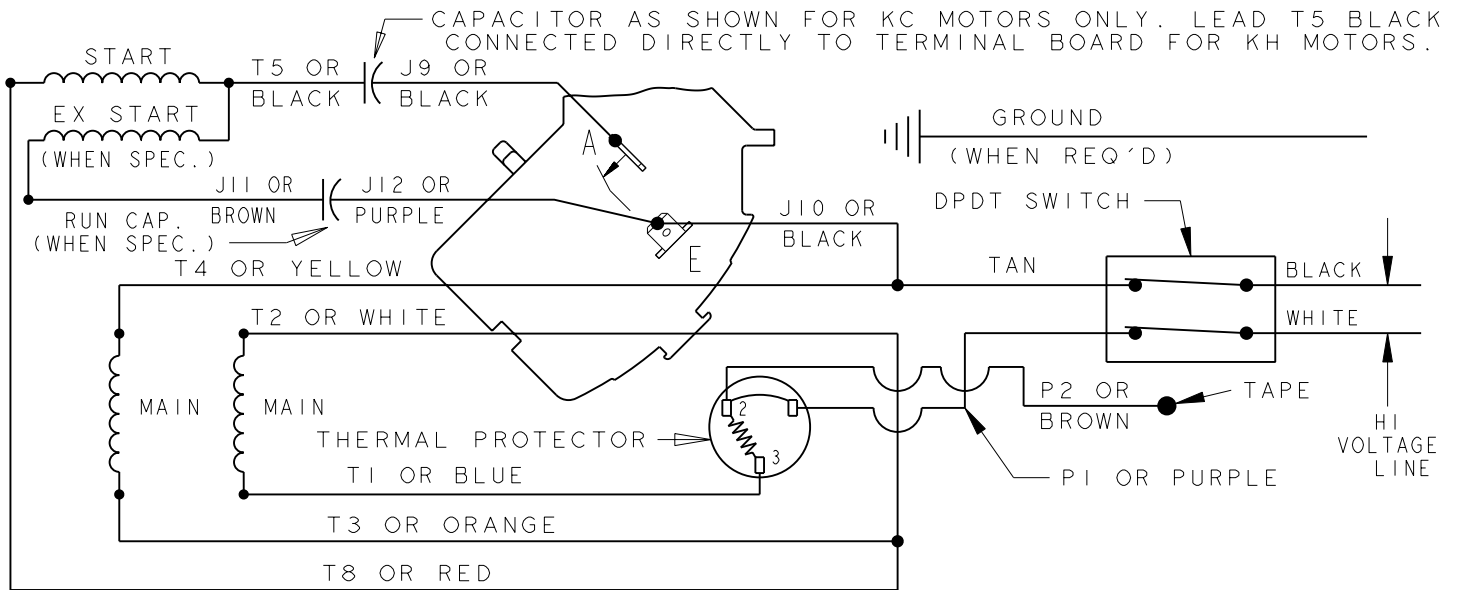
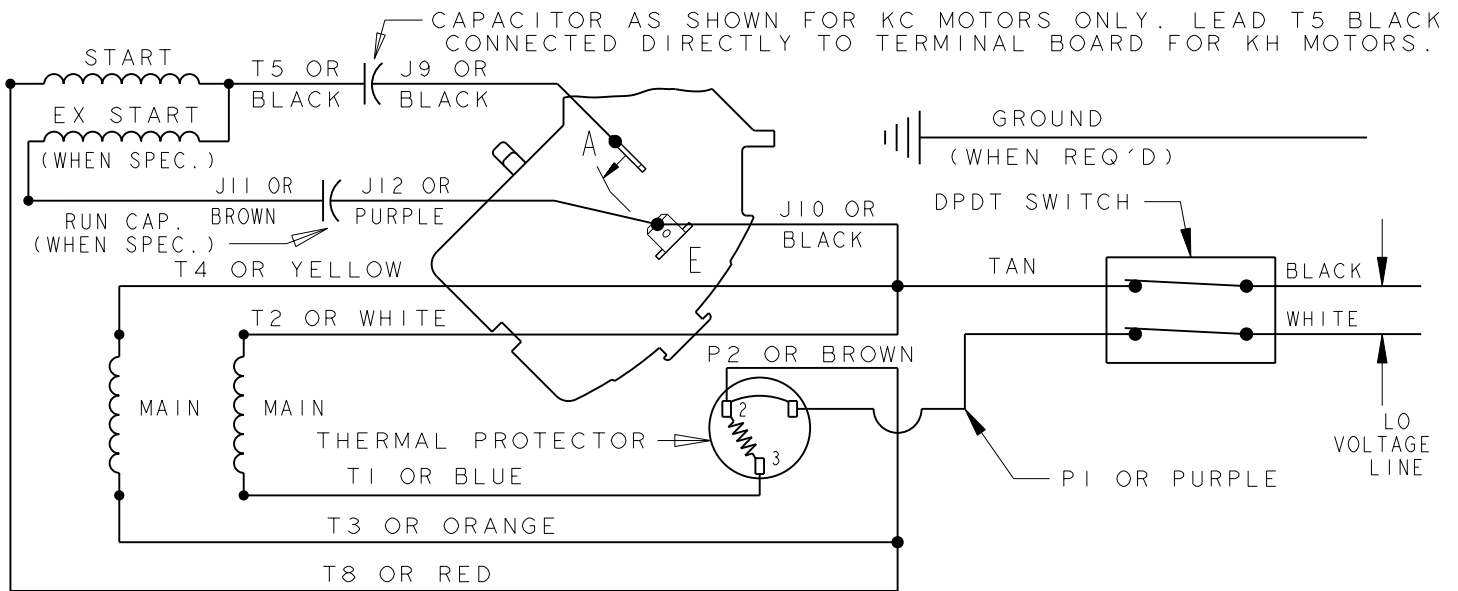
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
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  
 CONNECTION LABEL - 52X332946

REF. DIAG. - 52A104929

SIGNATURES		DATE
MODEL	M.D.P.	05/27/88
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.P.	09/18/92
SOLID MODEL: 52A105383BB		



**REGAL-BELOIT CORPORATION**

**TITLE CONNECTION DIAGRAM**

**FMF: 5KC36PN435GX**

**52A105383BB**

SCALE: 1.000 REF. No. SHEET 1 of 1