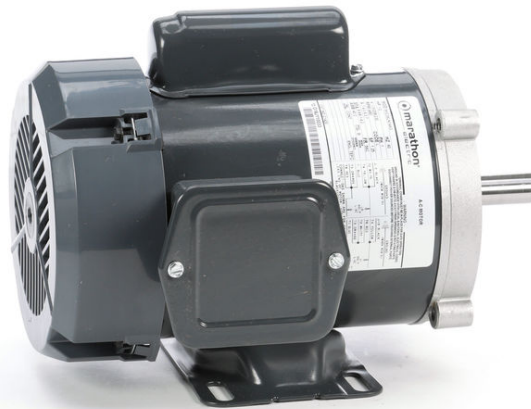


PRODUCT INFORMATION PACKET

Model No: 5KC36LN144

Catalog No: C1420

1/2 HP General Purpose Motor, 1 phase, 3600 RPM, 115/208-230 V, 56C Frame, TEFC
Single Phase TEFC Motors



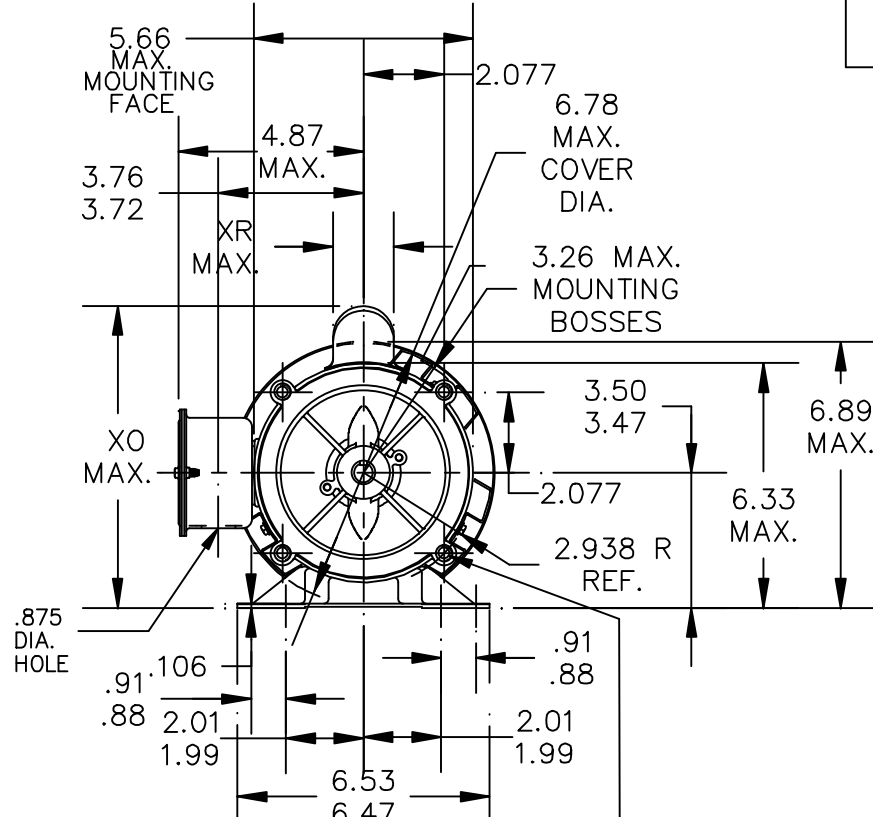
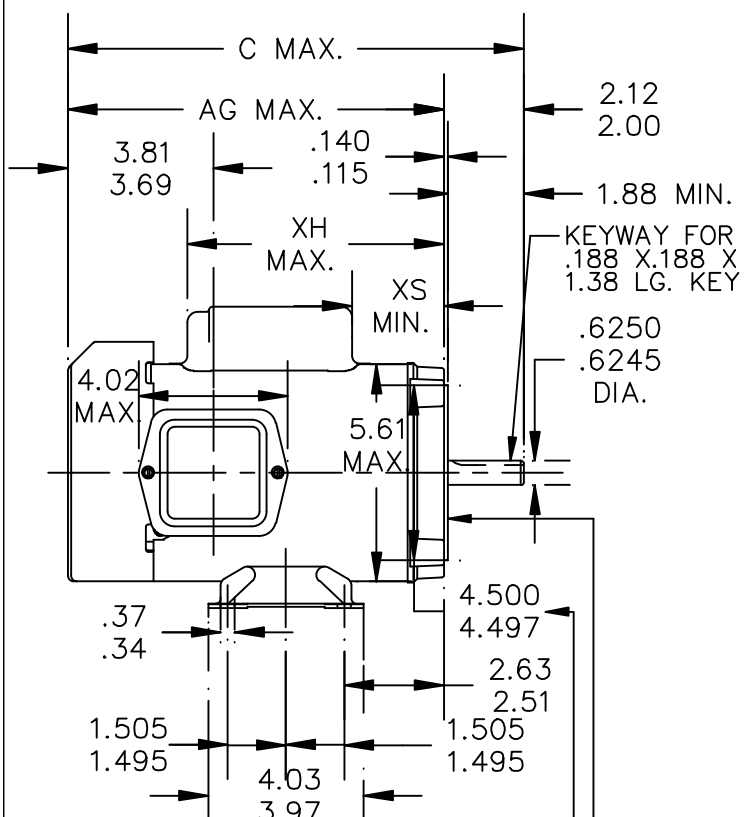
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	7.4,3.6-3.7 A	Speed	3450 rpm
Service Factor	1.25	Phase	1
Efficiency	68 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	L	Frame	56C
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
IP Code	43		

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	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.36 in
Frame Length	6.22 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105381BA	Outline Drawing	52A102428P3


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ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.
 FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

.375-16 UNC-2B (4 HOLES)
 .82 MIN FULL THD. THESE HOLES FIT A GAGE HAVING A RABBET 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIC HOLE POSITIONS.

4	KC	37	56CY	11.76	9.68	7.02	1.43	1.60	7.84										
3	KC	36	56CY	11.36	9.23	6.62	1.43	1.60	7.84	7	KC	32	56C	10.30	8.22	5.56	1.18	1.60	7.84
2	KC	35	56CY	10.93	8.85	6.19	1.81	1.60	7.84	6	KC	39	56CY	12.89					
1	KC	33	56CY	10.55	8.60	5.81	1.43	1.60	7.84	5	KC	38	56CY	12.36	10.28	7.62	1.97	1.60	7.84
P	TYPE	RBC SIZE	NEMA FR	C	AG	XH	XS	XR	XO	P	TYPE	RBC SIZE	NEMA FR	C	AG	XH	XS	XR	XO

										TOLERANCES UNLESS SPECIFIED										DRAWN B.A.C. 09/19/77	
										DEC. INCHES										CHK	
8	RE DRAWN IN DRAFTSIGHT -NO CHANGES			PVR	09/08/12	PKG	.X	±0.1		 REGAL-BELOIT CORPORATION TITLE: OUTLINE MOTOR-TOTALLY ENCLOSED FAN COOLED R2 END MOUNTED-WELDED BASE MAT'L: FINISH:										APPD CCP 02/03/95	
7	CHG TO RBC FORMAT PER ISO5-1777				01/02/06	PKG	.XX	±0.02												SCALE 1=1	
6	REDRAWN BY 2M SOFTWARE CO.				02/03/95	CCP	.XXX	±0.005												REF	
5	REV'D BASE SLOT LOCATIONS				03/07/91	BLJ	.XXXX	±0.0005												FMF	
NO.	REVISION			BY & DATE	CHK	ANG	±1.0		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			52A102428			SIZE	DRAWING NO.		REV.	
										DIST				A	52A102428		8				

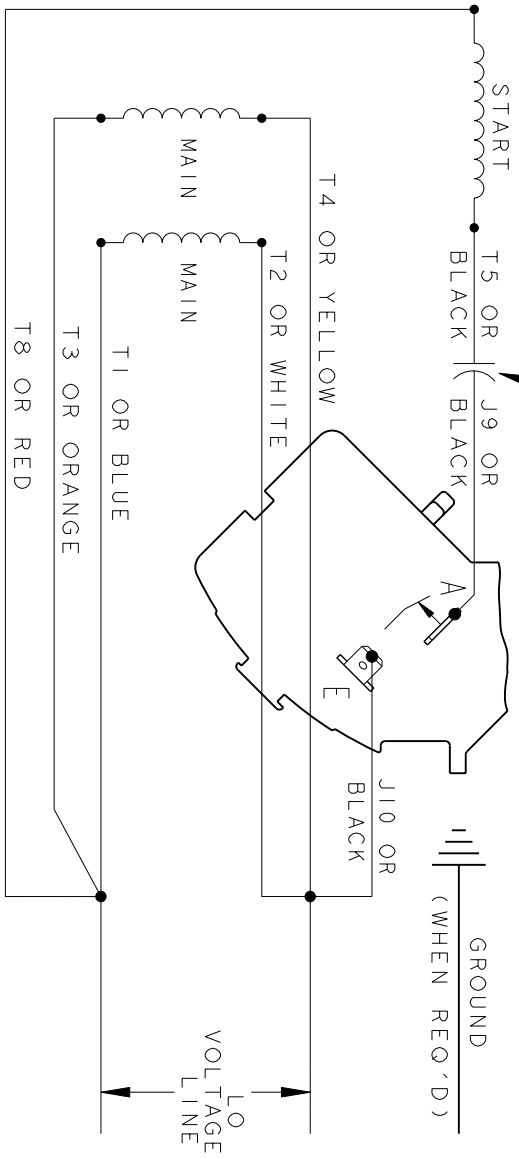


REVISIONS

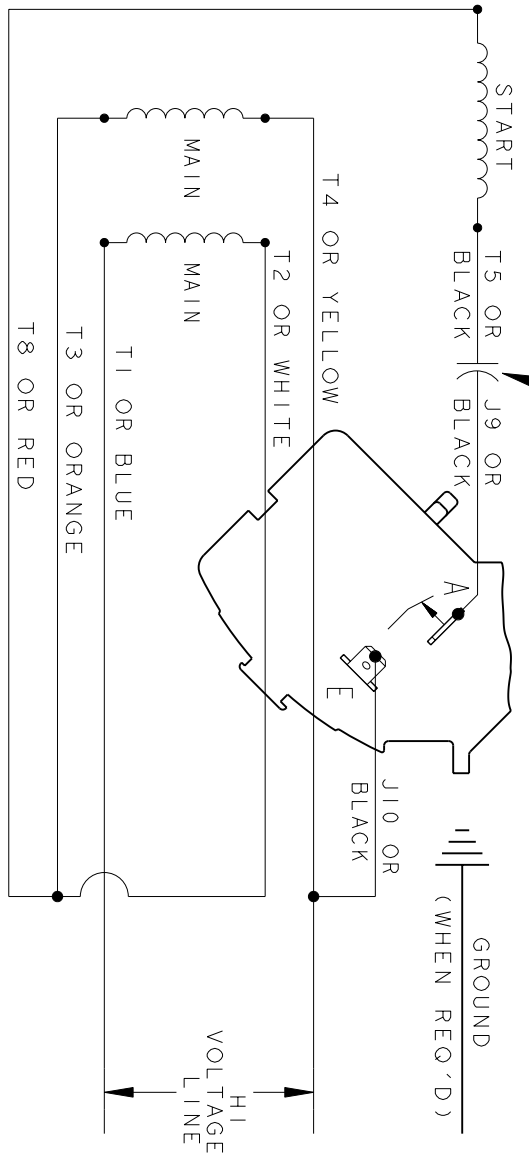
REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/04/06	MAM

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