

PRODUCT INFORMATION PACKET

Model No: 5KC36LN144
Catalog No: C1420
1/2,3600,TEFC,56C,1/60/115/230
Totally Enclosed Fan Cooled (TEFC)



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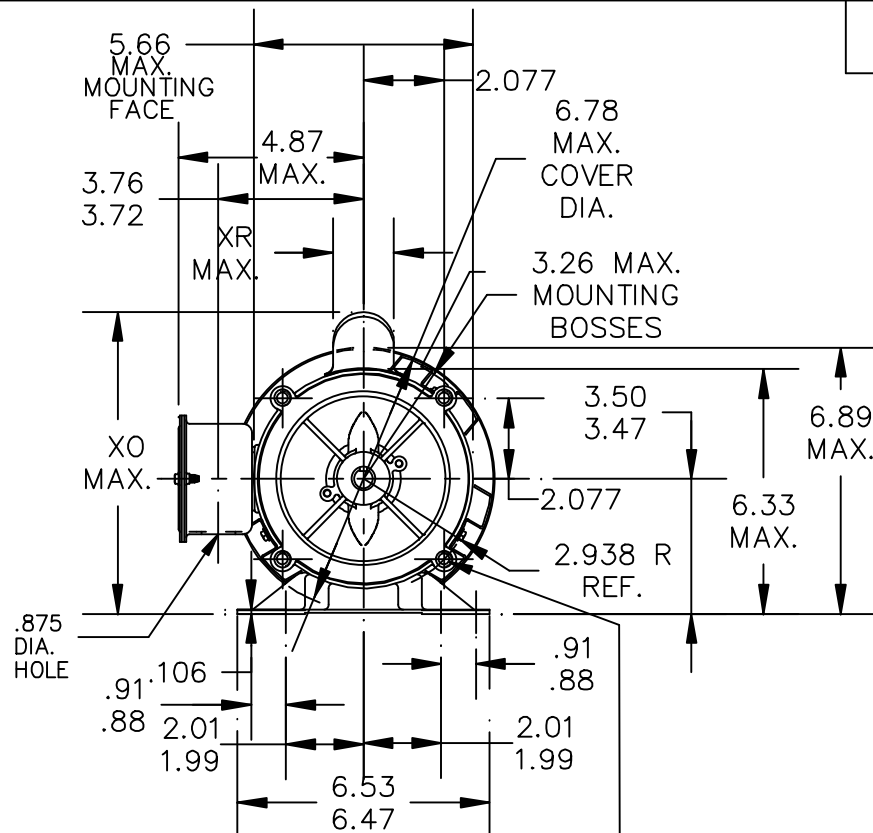
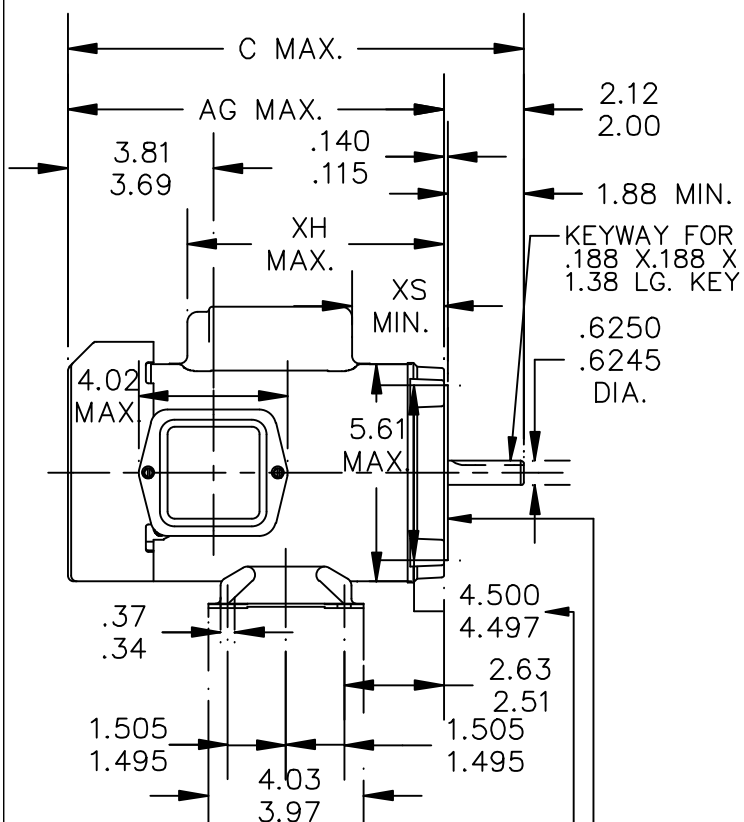
Nameplate Specifications

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 %	Duty	Continuous
Insulation Class	B	KVA Code	L
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
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	IP Code	43

Technical Specifications

Electrical Type	Capacitor start(CSIR)	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		
Outline Drawing	52A102428P3	Connection Diagram	52A105381BA

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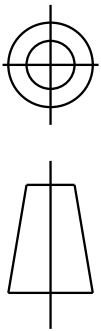
.375-16 UNC-2B (4 HOLES)
 .82 MIN FULL THD. THESE HOLES FIT A GAGE HAVING A RABBET 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIC HOLE POSITIONS.

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.

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				APPD CCP 02/03/95						
7	CHG TO RBC FORMAT PER ISO5-1777				01/02/06	PKG	.XX	±0.02						TITLE				SCALE 1=1		
6	REDRAWN BY 2M SOFTWARE CO.				02/03/95	CCP	.XXX	±0.005		MOTOR-TOTALLY ENCLOSED FAN COOLED R2 END MOUNTED-WELDED BASE				REF						
5	REV'D BASE SLOT LOCATIONS				03/07/91	BLJ	.XXXX	±0.0005		MAT'L.				FMF						
NO.	REVISION			BY & DATE	CHK	ANG	±1.0		FINISH				PREV							
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REV.
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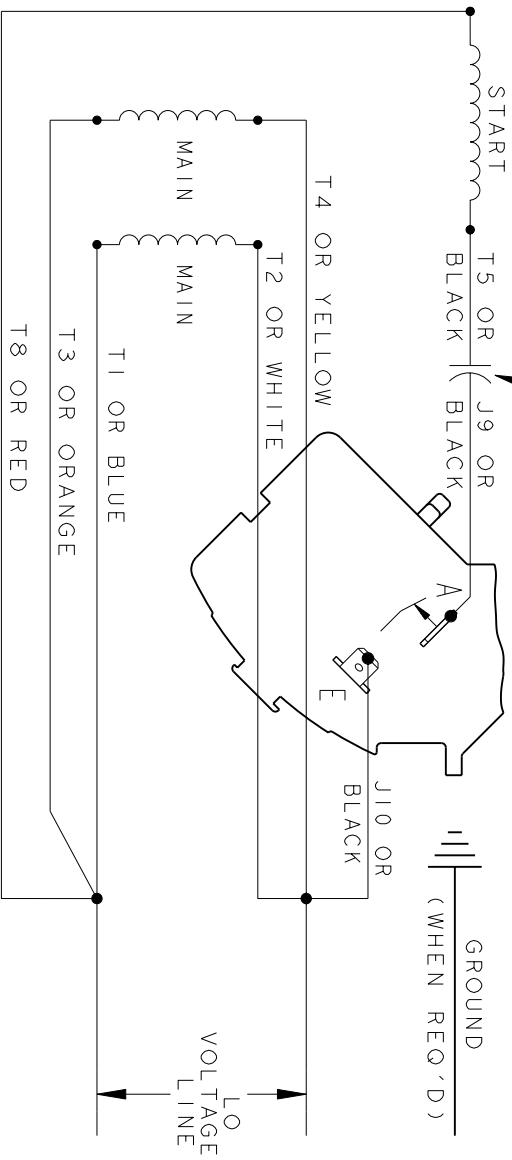
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UPDATED FORMAT

DATE
01/04/06

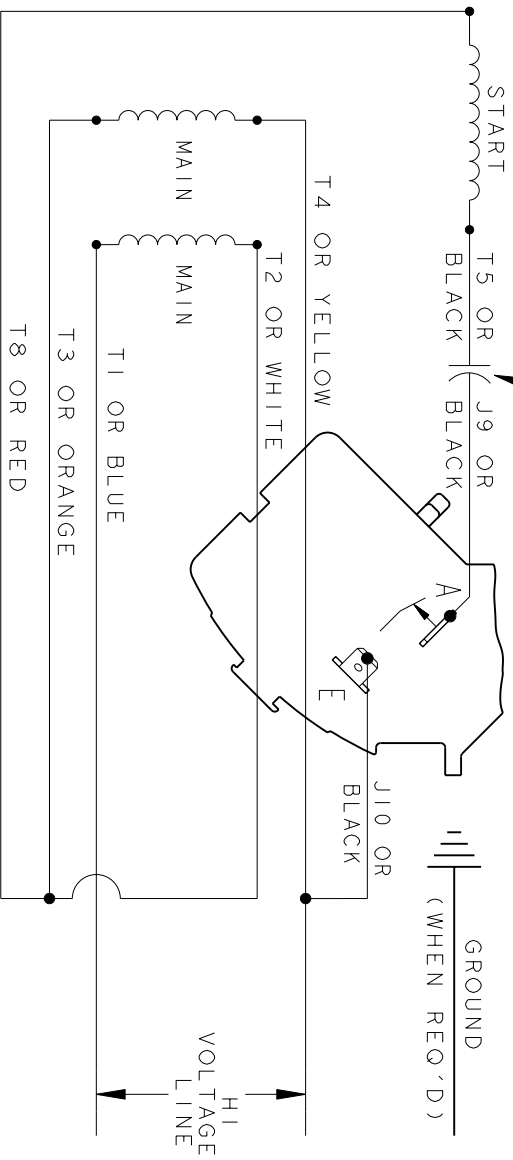
APPROVED
MAM

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

SIGNATURES		DATE
MODEL	M.D. PAPER	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.P.	06/29/87
SOLID MODEL: 52A105381BA		

REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

52A105381BA

REV 3

SCALE: 1.000 REF. No: .

SHEET 1 of 1