

PRODUCT INFORMATION PACKET

Model No: 5KC35MN43

Catalog No: G1330

1/3 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56 Frame, TEFC
Single Phase TEFC Motors



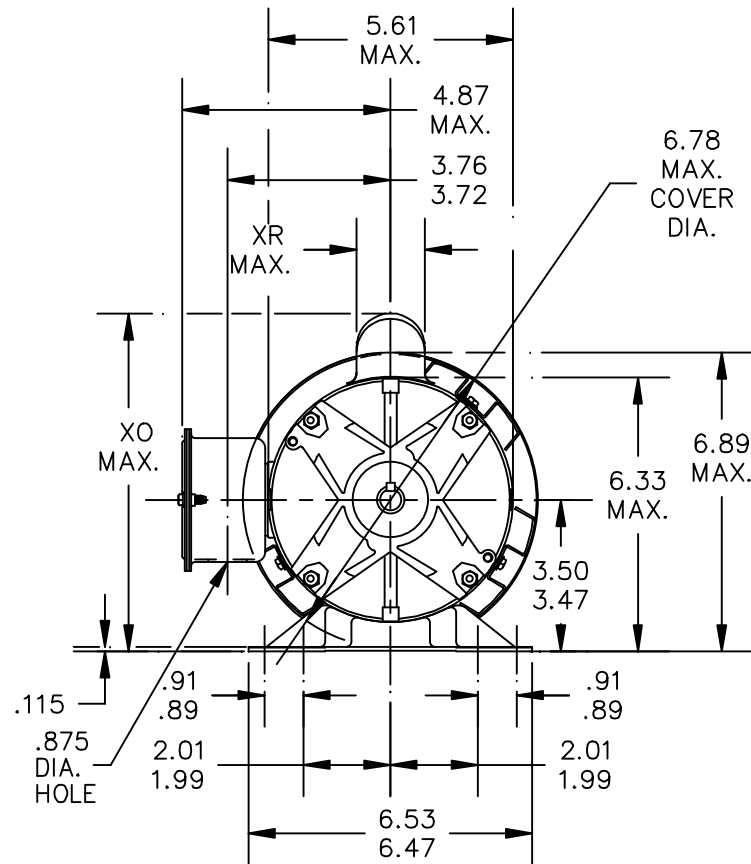
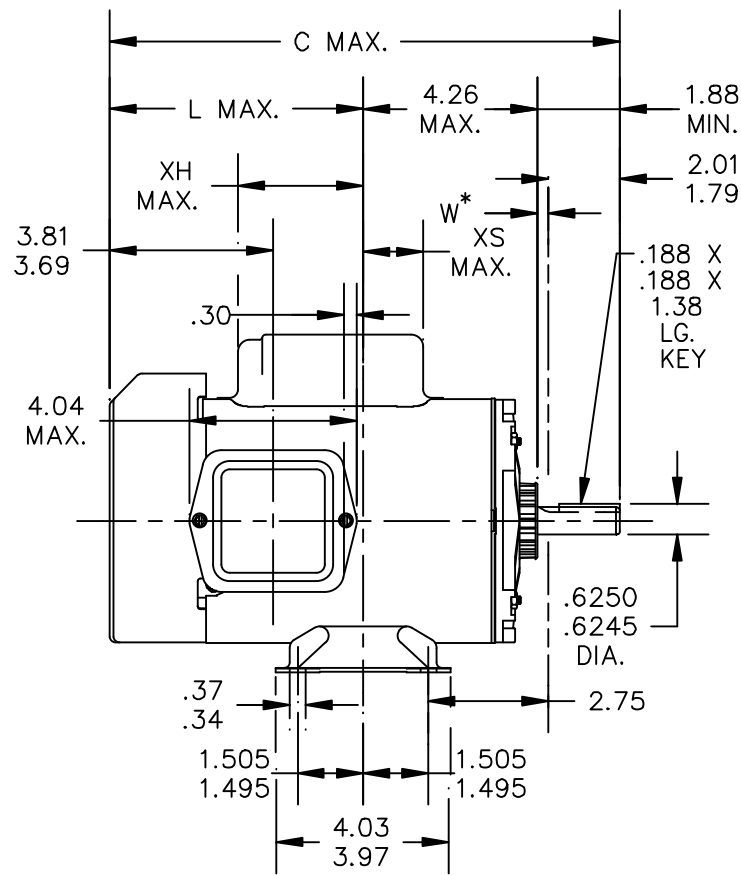
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.0,3.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	57.7 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	L	Frame	56
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

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	10.9 in
Frame Length	5.79 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A101983P2	Connection Drawing	52A105381BA

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

5	KC	38	56	12.36	6.18	3.58	7.81	1.60	2.09		10	KC	32	56	10.38	4.24	1.89	7.81	1.60	2.52	
4	KC	37	56	11.76	5.58	2.98	7.81	1.60	2.69		9	KC	37	56	11.76	5.58	2.98	8.43	2.22	2.69	
3	KC	36	56	11.36	5.18	2.58	7.81	1.60	2.69		8	KC	35	56	10.93	4.75	2.15	8.43	2.22	2.31	
2	KC	35	56	10.93	4.75	2.15	7.81	1.60	2.31		7	KC	32	56	10.30	4.12	1.52	7.81	1.60	2.46	
1	KC	33	56	10.55	4.37	1.77	7.81	1.60	2.71		6	KC	39	56	12.89	6.71	4.11	8.43	2.22	1.56	7.75
P	TYPE	RBC SIZE	NEMA FR	C	L	XH	XO	XR	XS	SHELL LGTH.	P	TYPE	RBC SIZE	NEMA FR	C	L	XH	XO	XR	XS	SHELL LGTH.

TOLERANCES UNLESS SPECIFIED

DEC. INCHES

.X ±0.1

.XX ±0.02

PKG XXX ±0.005

.XXXX ±0.0005

ANG ±1.0



REGAL-BELOIT CORPORATION

TITLE OUTLINE
TOTALLY ENCLOSED OUTBOARD FAN - WELDED BASE

MAT'L.

FINISH

DRAWN D.E.K 07/22/76

CHK

APPD MDP 05/24/96

SCALE 1=1

REF

FMF

PREV

13 RE DRAWN IN DRAFTSIGHT -NO CHANGES

PVR 09/08/12

PKG XXX

12 PER IS05-2681

R.K 10/19/05

.XXXX

NO. REVISION

BY & DATE

CHK ANG

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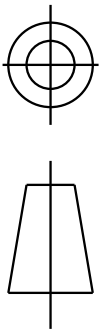
RFP
DIST

CAD FILE 52A101983

SIZE A DRAWING NO.

52A101983

REV. 13



THIRD ANGLE PROJECTION

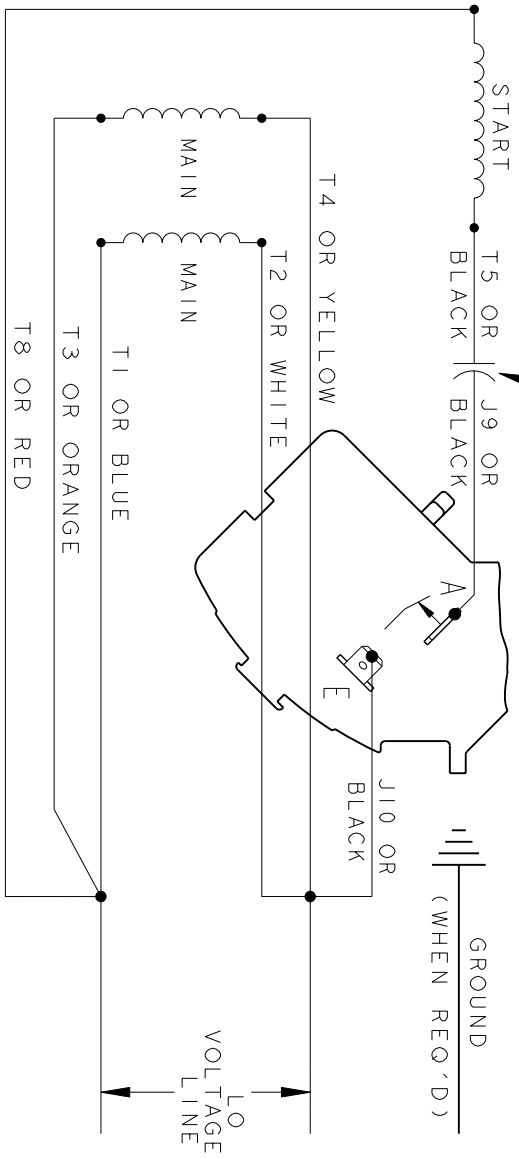
REVISIONS

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

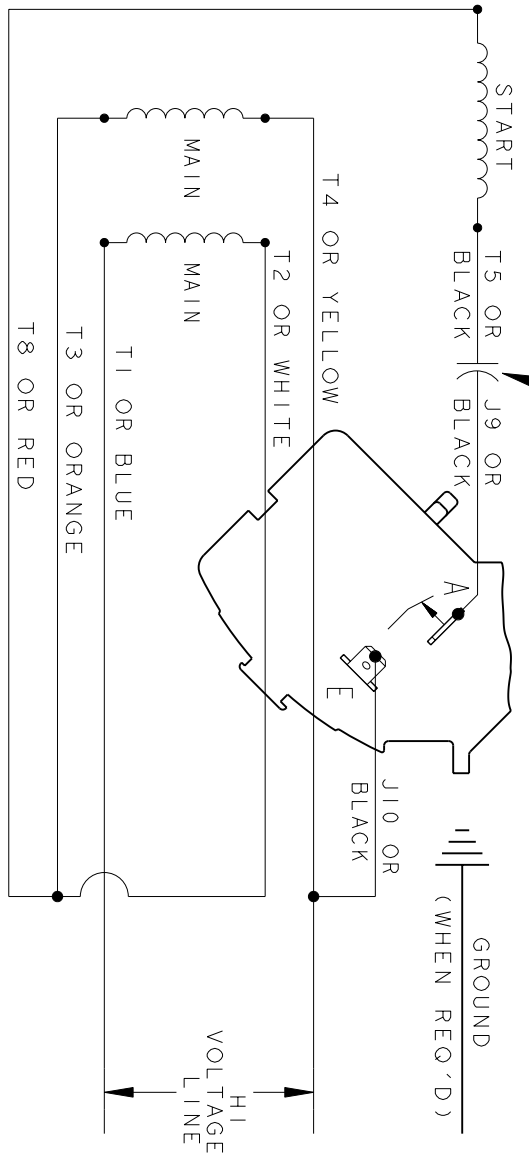
3

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.



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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