

PRODUCT INFORMATION PACKET

Model No: 5KC42GN0018

Catalog No: G1515

1/2 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56C Frame, TEFC
Single Phase TEFC Motors



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REGAL

Nameplate Specifications

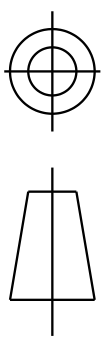
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	8.6,4.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	63.2 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11 in
Frame Length	5.72 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105381BA	Outline Drawing	52A107671P1

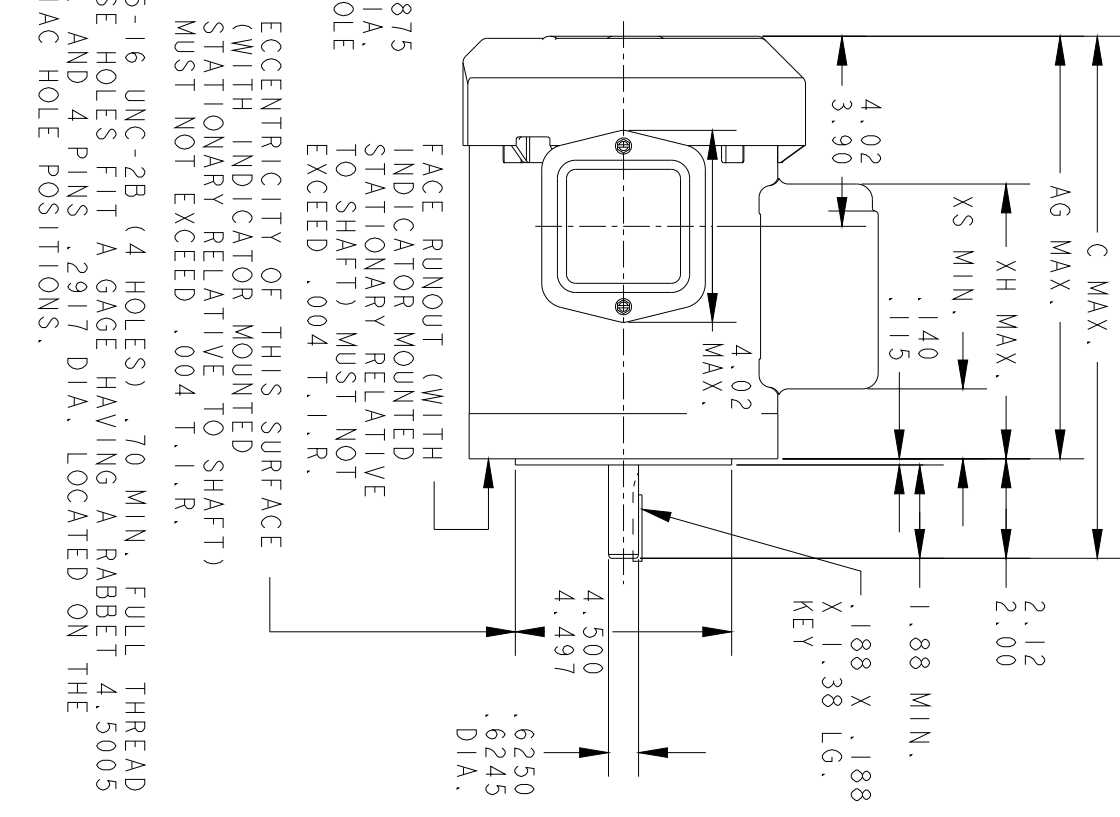
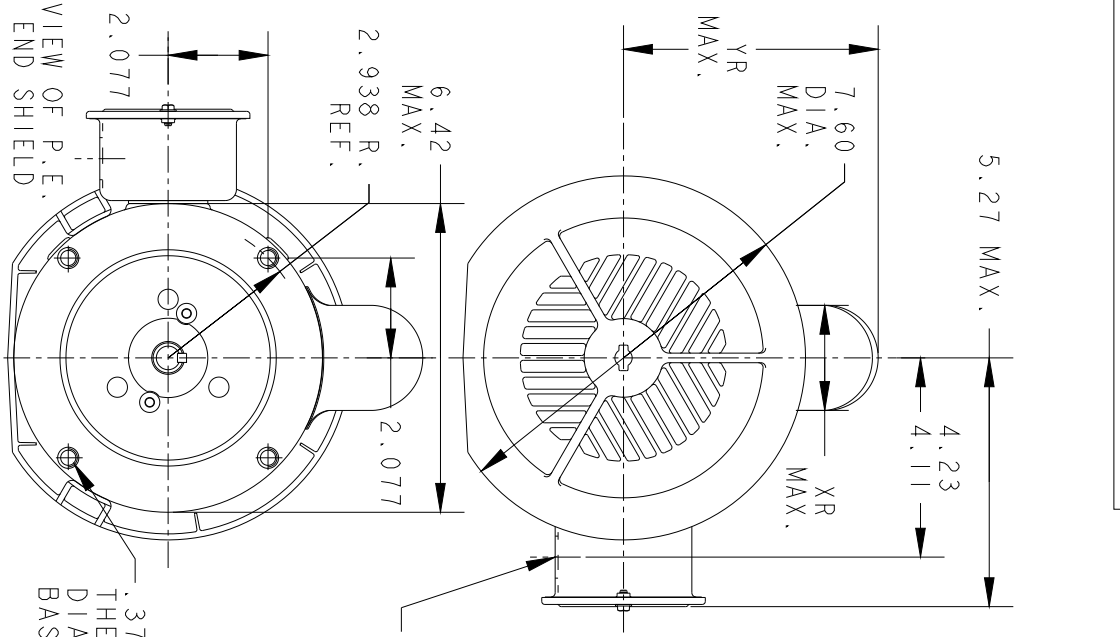
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
12	CHG TO RBC FORMAT PER IS05-1777	03/01/06	SUDHA



VIEW OF P.E. END SHIELD

375-16 UNC-2B (4 HOLES) .70 MIN. FULL THREAD THESE HOLES FIT A GAGE HAVING A RABBIT 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIAC 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.

7	KC	49	56C	12.93	10.81	7.56	5.45	2.22	1.89	7.68
6	KC	49	56C	11.40	9.28	6.03	4.76	1.60	1.57	6.15
5	KC	49	56C	12.44	10.32	7.54	4.72	1.60	1.79	7.15
4	KC	49	56C	12.97	10.85	7.61	5.45	2.40	1.86	7.68
3	KC	46	56C	11.84	9.72	6.94	5.45	2.40	1.19	6.55
2	KC	46	56C	11.84	9.72	6.95	5.34	2.22	2.41	6.55
1	KC	42	56C	11.01	8.89	6.12	5.34	2.22	1.58	5.72
P	TYPE	GE SIZE	NEMA FR.	C	AG	XH	YR	XR	XS	MIN. SHELL

SIGNATURES		DATE
MODEL	M.D. PAPE	04/23/91
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D. PAPE	05/10/94
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL	SOLID MODEL: 52A107671	



REGAL-BELOTT CORPORATION

OUTLINE

TITLE

FMF - 40 FRAME REDESIGN GENERAL PURPOSE MOTOR - TEFC - BALL BEARING - R2 END MOUNTED

SIZE	DRAWING	REV
A	A	12
SCALE:	0.250	REF. No:
SHEET 1 of 1		

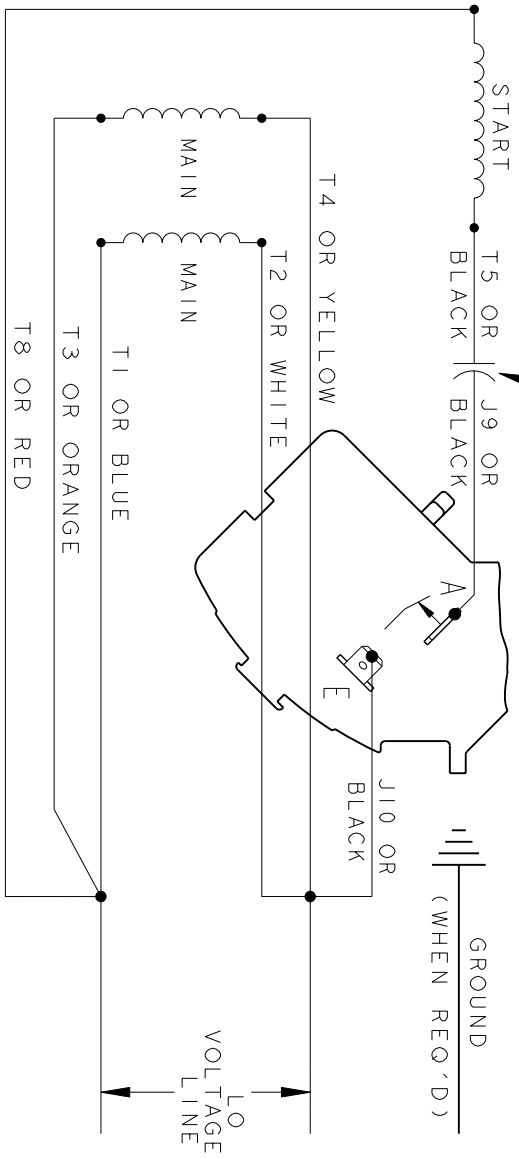


REVISIONS

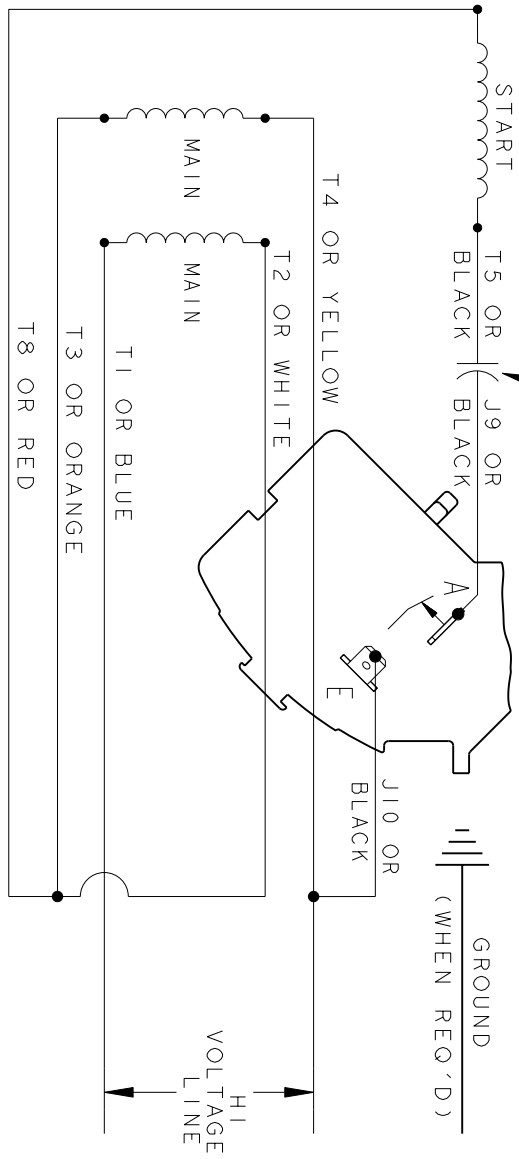
REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/04/06	MAM

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.



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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		SCALE: 1.000	REF. No.:	SHEET 1 of 1
30 FRAME SWITCH REDESIGN				
SIZE DRAWING A				
FME:				
52A105381BA				
REV 3				