

# PRODUCT INFORMATION PACKET

Model No: 5KC42GN0018  
Catalog No: G1515  
1/2, 1800, TEFC, 56C, 1/60/115/230  
Totally Enclosed Fan Cooled (TEFC)



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### Nameplate Specifications

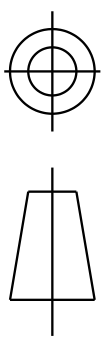
Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>8.6,4.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>63.2 %</b>	Duty	<b>Continous</b>
Insulation Class	<b>B</b>	KVA Code	<b>M</b>
Frame	<b>56C</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Overload Protector	<b>N/R</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>		

### Technical Specifications

Electrical Type	<b>Capacitor start(CSIR)</b>	Starting Method	<b>SM</b>
Poles	<b>4</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>Any</b>
Drive End Bearing	<b>LOCKED</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>11 in</b>
Frame Length	<b>5.72 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>1.88 in</b>		
Outline Drawing	<b>52A107671P1</b>	Connection Diagram	<b>52A105381BA</b>

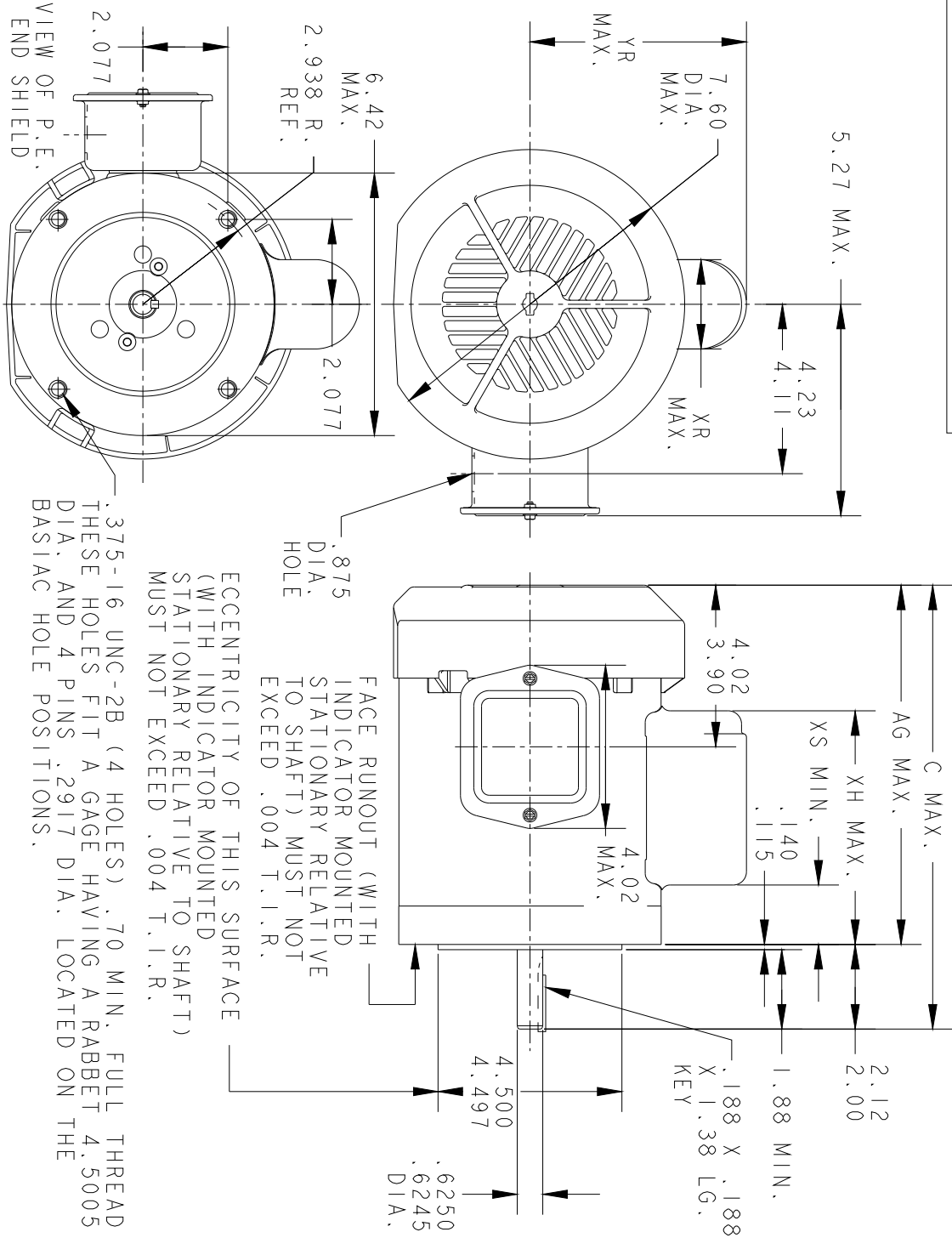
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
12	CHG TO RBC FORMAT PER ISO5-1777	03/01/06	SUDHA



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

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.

SIGNATURES

MODEL	M.D. PAPER	DATE
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D. PAPER	05/10/94



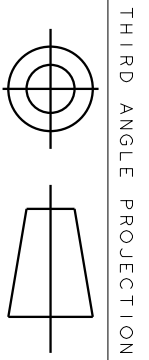
REGAL-BELOTT CORPORATION

OUTLINE

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

FOR ADDITIONAL INFO REFER TO:	
APPLIED PRACTICES	ISSUED
DIMENSIONS ARE IN INCHES	
MATERIAL	SOLID MODEL: 52A107671

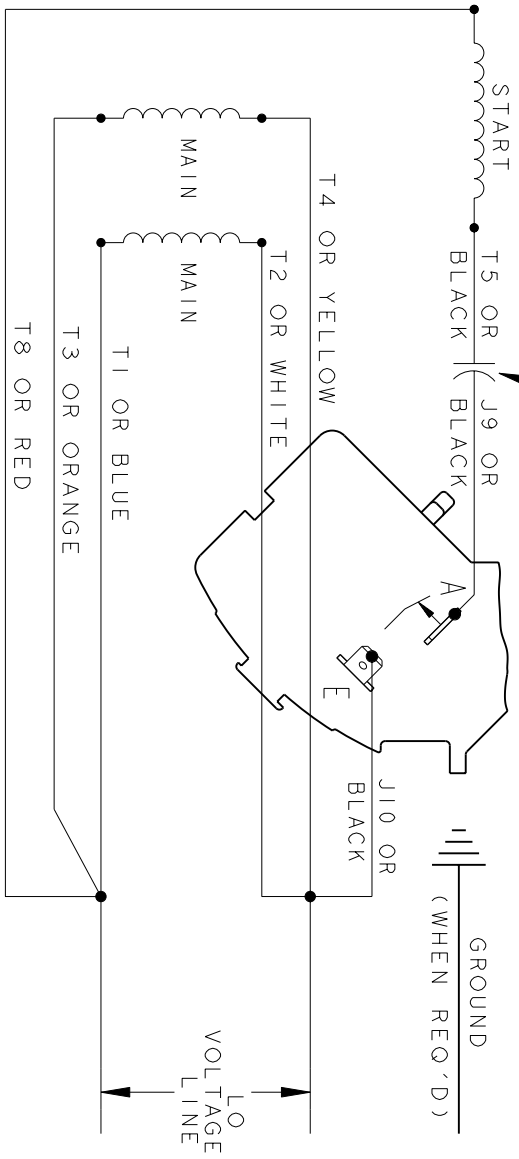
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SIZE: DRAWING A		REV 12



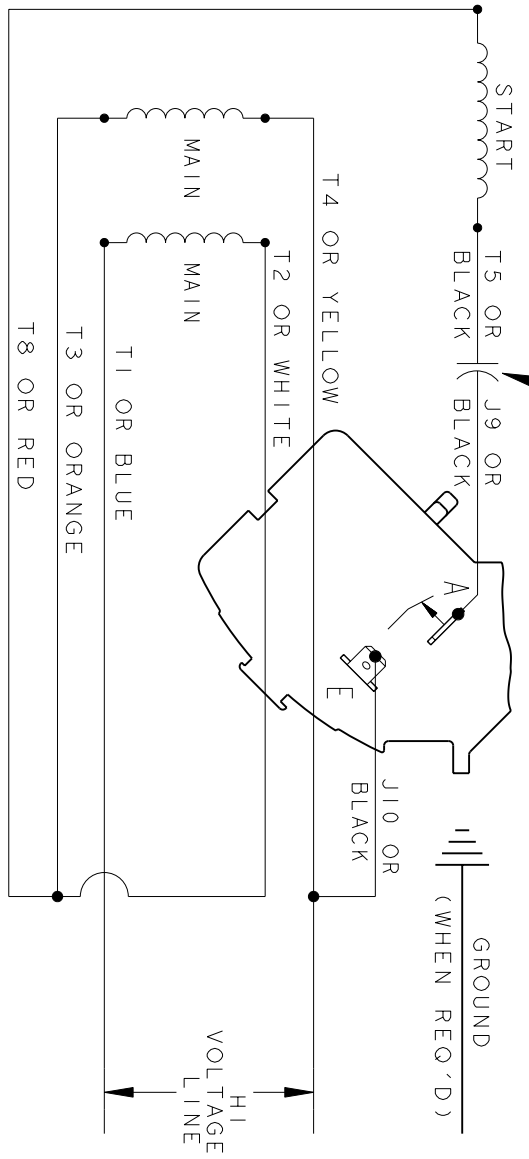
THIRD ANGLE PROJECTION		REVISIONS		
REV.	DESCRIPTION	DATE	APPROVED	
3	UPDATED FORMAT	01/04/06	MAM	

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

SIGNATURES		DATE	
MODEL	M.D. PAPER	06/29/87	
DETAIL			
CHECKED			
ENGRG			
MFG			
QUALITY			
ISSUED	M.D.P.	06/29/87	
APPLIED PRACTICES			
DIMENSIONS ARE IN INCHES			
MATERIAL	SOLID MODEL: 52A105381BA		

		<b>REGAL-BELOIT CORPORATION</b>	
<b>CONNECTION DIAGRAM</b>			
<b>FME: 30 FRAME SWITCH REDESIGN</b>		SCALE: 1.000 REF. No.:	
<b>52A105381BA</b>		SHEET 1 of 1	