

# PRODUCT INFORMATION PACKET

Modal No: 5KC33FN4180X  
Catalog No: C1336  
1/3,3450,TEFC,56J,1/60/115/230  
Single Phase



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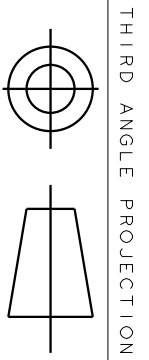


## Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>5.6,2.8 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1</b>	Phases	<b>1</b>
Efficiency	<b>58.9 %</b>	Duty	<b>CONT</b>
Insulation Class	<b>B</b>	KVA Code	<b>L</b>
Frame	<b>56J</b>	Enclosure	<b>TEFC</b>
Overload Protector	<b>AUTO</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

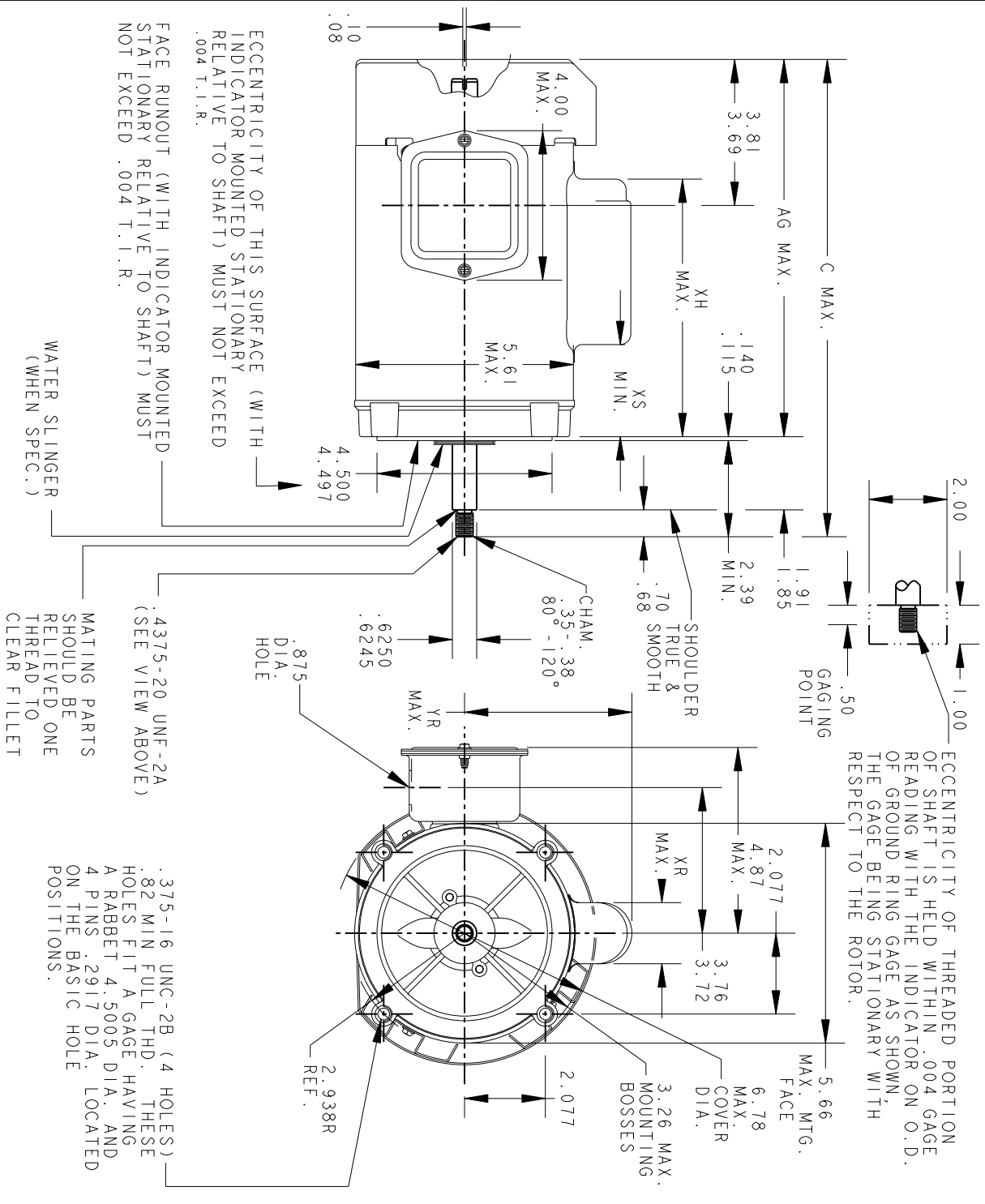
Electrical Type	<b>Capacitor start(CSIR)</b>	Starting Method	<b>SM</b>
Poles	<b>2</b>	Rotation	<b>CCW/CW</b>
Mounting	<b>RD</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>11.06 in</b>
Frame Length	<b>5.41 in</b>	Shaft Diameter	<b>0.63 in</b>
Shaft Extension	<b>2.38 in</b>		



THIRD ANGLE PROJECTION

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
7	PER ISAAC 05-2370	09/28/05	RAJKUMAR



P	TYPE	GE SIZE	NEMA FR	C	AG	XH	XS	XR	YR	SHELL LGTH	P	TYPE	GE SIZE	NEMA FR	C	AG	XH	XS	XR	YR	SHELL LGTH	
4	KC	36	56J	11.87	9.28	6.61	1.43	1.60	4.34													
3	KC	35	56J	11.44	8.85	6.18	1.81	1.60	4.34	7	KC	38	56J	12.87	10.28	7.61	2.03	1.60	4.34			
2	KC	33	56J	11.06	8.47	5.80	1.43	1.60	4.34	6	KC	36	56J	11.87	9.28	6.61	2.24	2.22	4.96			
1	KC	32	56J	10.81	8.22	5.55	1.18	1.60	4.34	5	KC	37	56J	12.27	9.68	7.01	1.43	1.60	4.34			



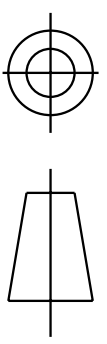
REGAL-BELOIT CORPORATION

OUTLINE

TITLE  
**GENERAL PURPOSE MOTOR - FORM N - TOTALLY ENCLOSED - OUTBOARD FAN - R2 END MOUNTED - WELDED BASE - BALL OR SLEEVE BEARING**

FOR ADDITIONAL INFO REFER TO:	MFG	
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	C.C.P 02/04/95
MATERIAL	SOLID MODEL:	52A102470

SIGNATURES	DATE
MODEL B.A.C	11/01/77
DETAIL	
CHECKED	
ENGRG	
SCALE: 0.250	REF. No.:
SIZE DRAWING A	
52A102470	REV 7
SHEET 1 of 1	



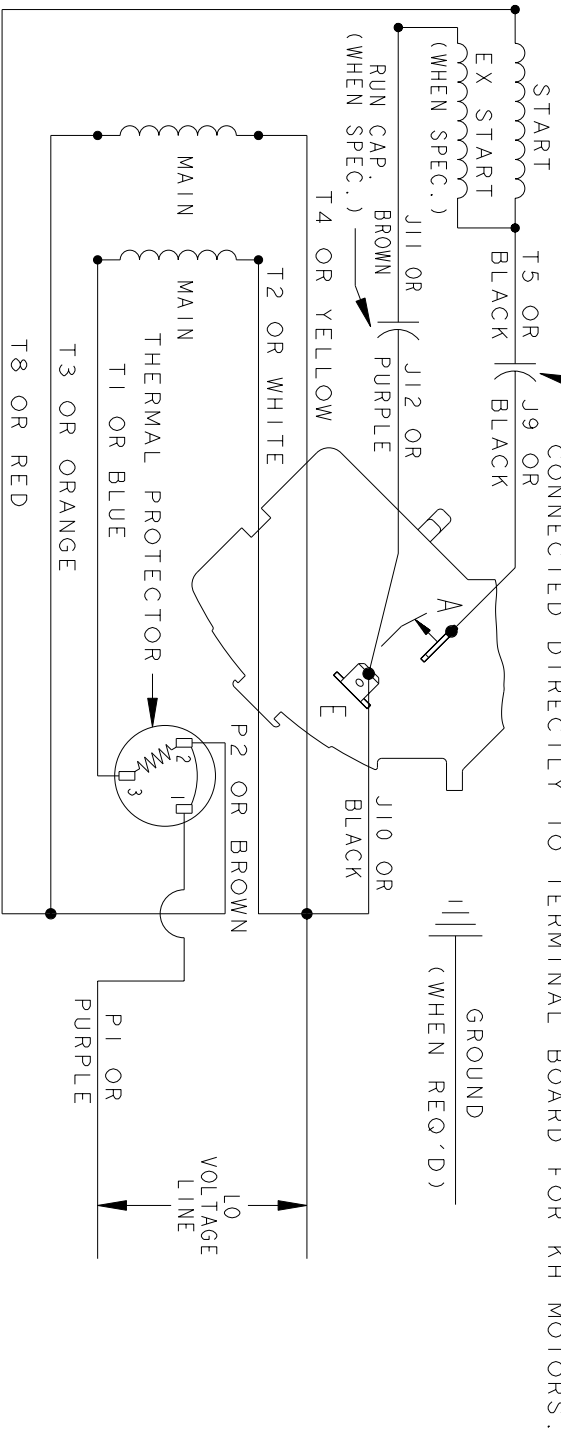
THIRD ANGLE PROJECTION

REVISIONS

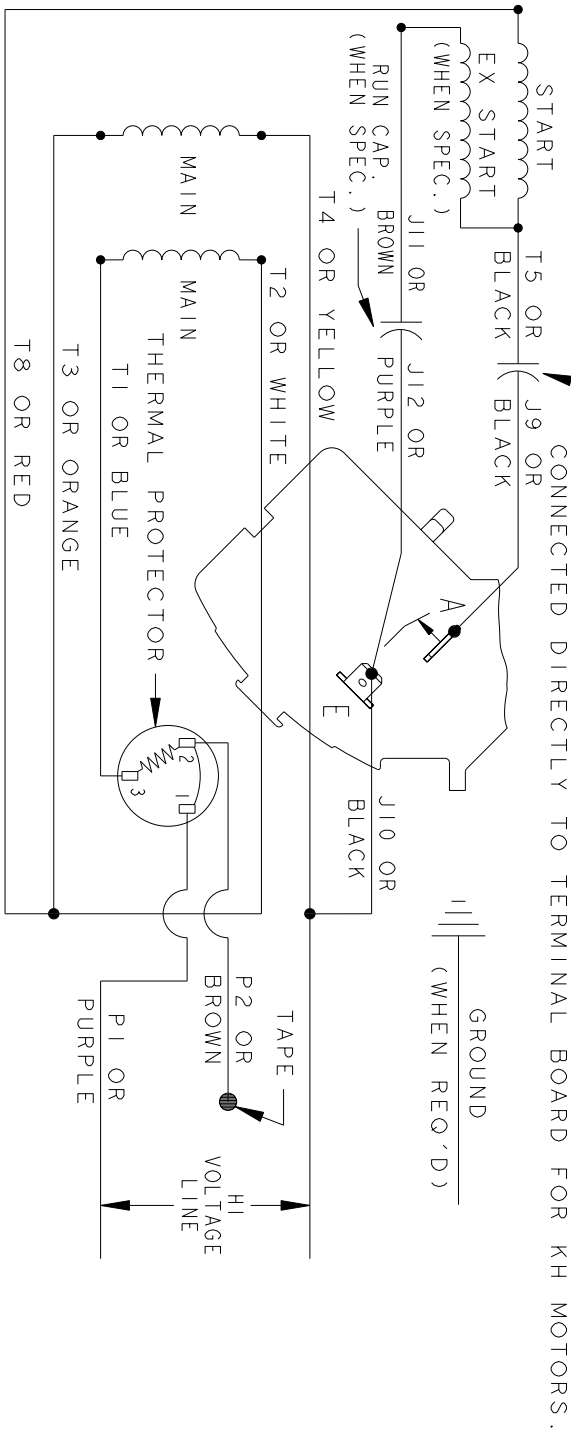
REV.	DESCRIPTION	DATE	APPROVED
7	UPDATED FORMAT	01/05/06	MAM

CCW/CW ROTATION - DUAL VOLTAGE  
 TYPE KC, KH OR KCR - WITH THERMAL PROTECTOR

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.  
 NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS.

SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP)

REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912

SIGNATURES		DATE	TITLE	
MODEL	M.D.P.	06/29/87	REGAL-BELOIT CORPORATION	
DETAIL			CONNECTION DIAGRAM	
CHECKED			REGAL-BELOIT CORPORATION	
ENGRG			REGAL-BELOIT CORPORATION	
MFG			REGAL-BELOIT CORPORATION	
QUALITY			REGAL-BELOIT CORPORATION	
ISSUED	M.D.P.	12/11/97	REGAL-BELOIT CORPORATION	
APPLIED PRACTICES			REGAL-BELOIT CORPORATION	
DIMENSIONS ARE IN INCHES			REGAL-BELOIT CORPORATION	
MATERIAL	SOLID MODEL: 52A105383BA		REGAL-BELOIT CORPORATION	



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30 FRAME SWITCH REDESIGN  
 52A105383BA