

PRODUCT INFORMATION PACKET

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



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Nameplate Specifications

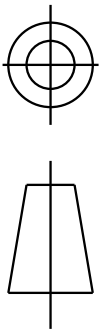
Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	5.6,2.8 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	58.9 %	Duty	Continuous
Insulation Class	B	KVA Code	L
Frame	56J	Enclosure	Totally Enclosed Fan Cooled
Overload Protector	AUTO	Ambient Temperature	40 °C
Drive End Bearing 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	2	Rotation	Counterclockwise/Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	11.06 in
Frame Length	5.41 in	Shaft Diameter	0.63 in
Shaft Extension	2.38 in		
Outline Drawing	52A102470P2	Connection Diagram	52A105383BA

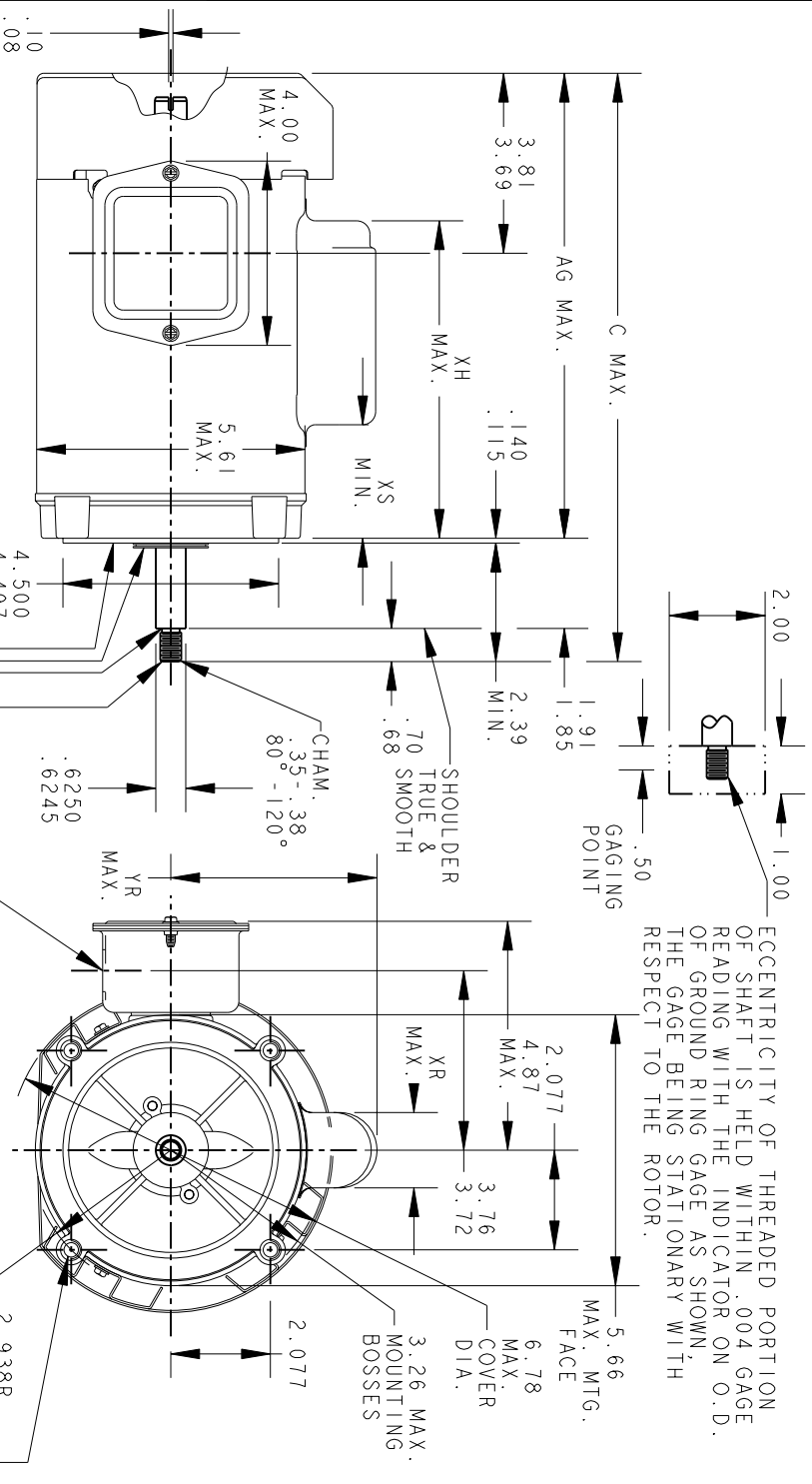
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THIRD ANGLE PROJECTION



REVISIONS

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



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.

WATER SLINGER (WHEN SPEC.)

MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET

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				



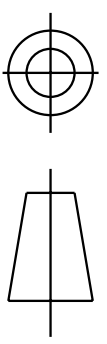
REGAL-BELOIT CORPORATION

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	
REV	7	
SHEET	1 of 1	



THIRD ANGLE PROJECTION

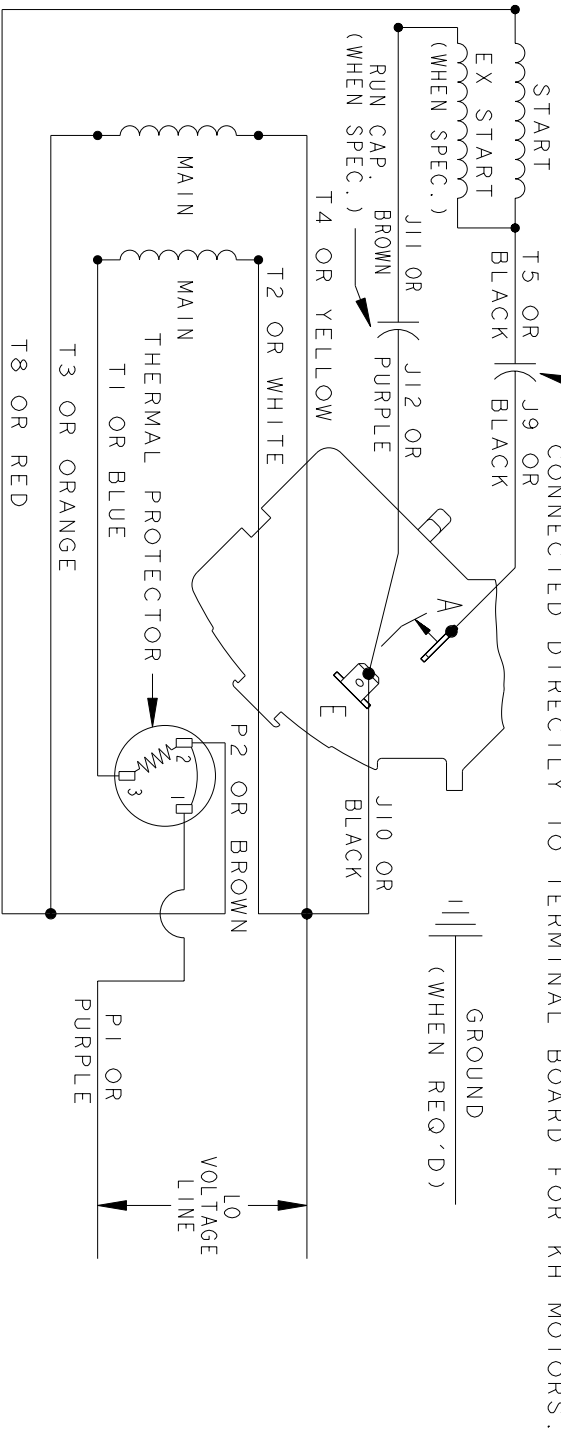
REVISIONS

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

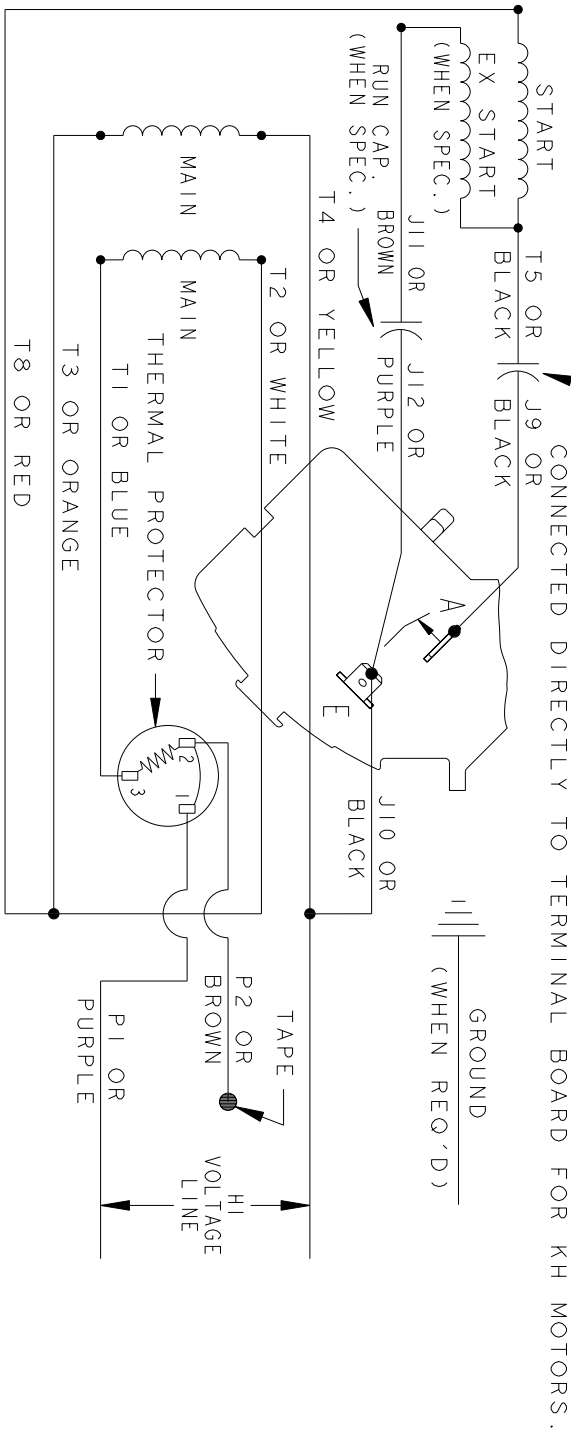
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CCW/CW ROTATION - DUAL VOLTAGE
 TYPE KC, KH OR KCR - WITH THERMAL PROTECTOR

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	<p>REGAL-BELOIT CORPORATION</p> <p>CONNECTION DIAGRAM</p>	
DETAIL				
CHECKED				
ENGRG				
MFG			<p>FME: 30 FRAME SWITCH REDESIGN</p>	
APPLIED PRACTICES	QUALITY		SIZE DRAWING	REV
DIMENSIONS ARE IN INCHES	ISSUED	M.D.P.	A	7
MATERIAL	SOLID MODEL: 52A105383BA	12/11/97	SCALE: 1.000	SHEET 1 of 1