

PRODUCT INFORMATION PACKET

Model No: 5KC46PN0015X

Catalog No: C269

3/4 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56 Frame, TEFC
Single Phase TEFC Motors





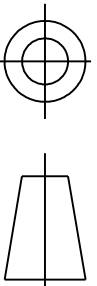
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/230 V
Current	11.0,5.5 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	70.5 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	L
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	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	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	11.83 in
Frame Length	6.55 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105383BA	Outline Drawing	52A107631P3

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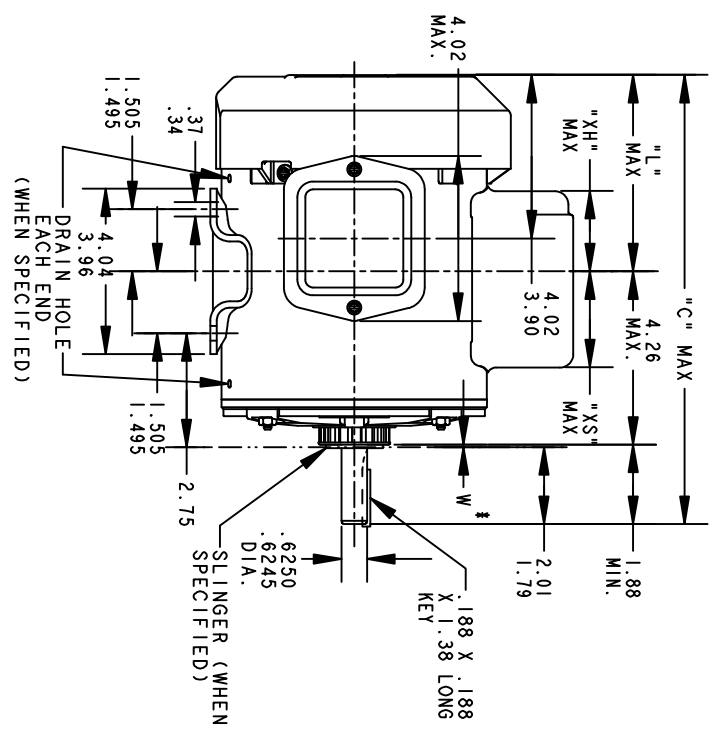
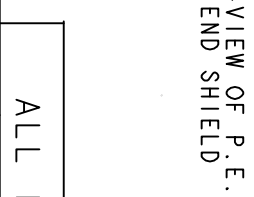
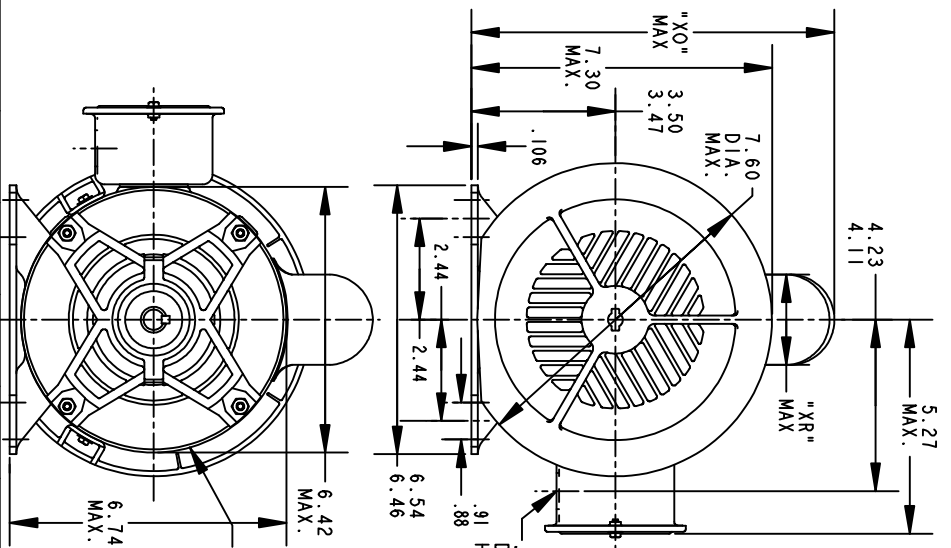


THIRD ANGLE PROJECTION

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
16	AADED PT# 9 PER DSI0-0516	05/07/10	PRAVEEN.K

REV 15
SHEET 1
DRAWING NO. 52A107631
SIZE A



ALL DIMENSIONS ARE IN INCHES

*W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	"XH"	"XO"	"XR"	"XS"	MIN. SHELL
9	KC	49	56	12.96	6.81	3.58	8.24	1.60	2.17	7.68
8	KC	48	56	13.71	6.05	4.33	8.26	2.40	2.92	8.43
7	KC	49	56	11.43	5.28	2.00	8.26	1.60	2.48	6.15
6	KC	49	56	12.43	6.28	3.51	8.22	1.60	2.24	7.15
5	KC	49	56	12.43	6.28	3.51	8.94	2.40	2.24	7.15
4	KC	49	56	12.96	6.81	3.58	8.94	2.40	2.17	7.68
3	KC	46	56	11.83	5.68	2.91	8.94	2.40	2.84	6.55
2	KC	46	56	11.83	5.68	2.91	8.84	2.22	1.63	6.55
1	KC	42	56	11.00	4.85	2.08	8.84	2.22	2.46	5.72

SIGNATURES

MODEL	M.D. PAPE	DATE	10/23/90
DETAIL			
CHECKED			
ENGRG			
MFG			

REGAL-BELOIT CORPORATION

OUTLINE

GENERAL PURPOSE MOTOR TEFC - BALL BEARING - WELDED BASE FWF - 40 FRAME REDESIGN

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES	QUALITY	ISSUED	M.D. PAPE	04/27/94
DIMENSIONS ARE IN INCHES				
MATERIAL	SOLID MODEL: 52A107631			

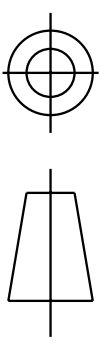
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SIZE A

52A107631

REV 15

SHEET 1 OF 1



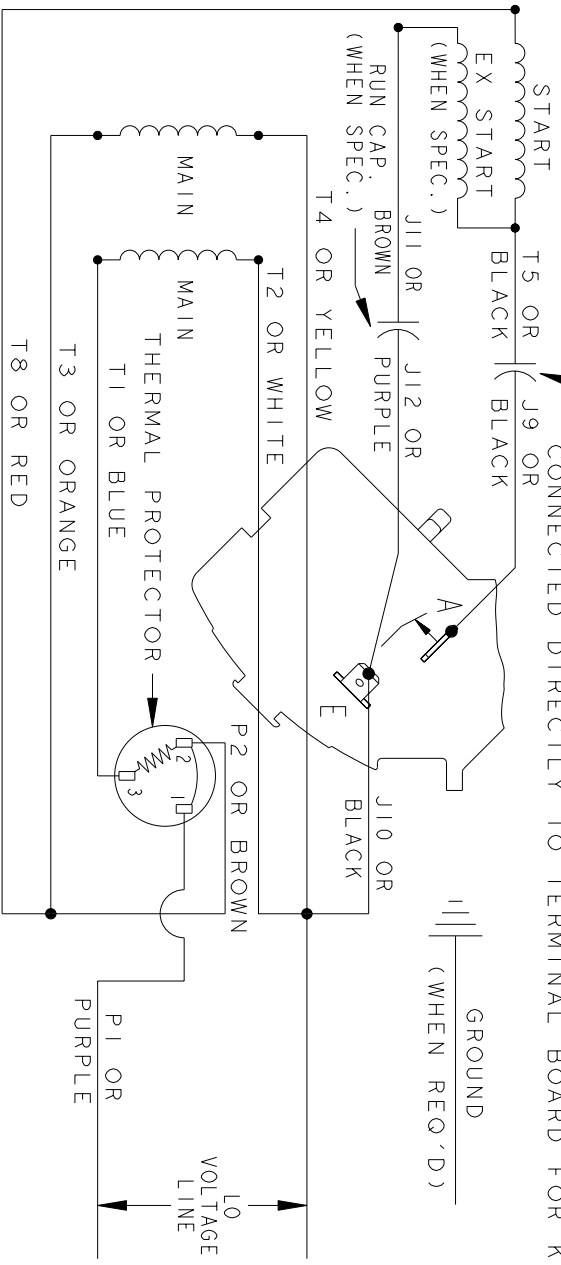
THIRD ANGLE PROJECTION

REVISIONS

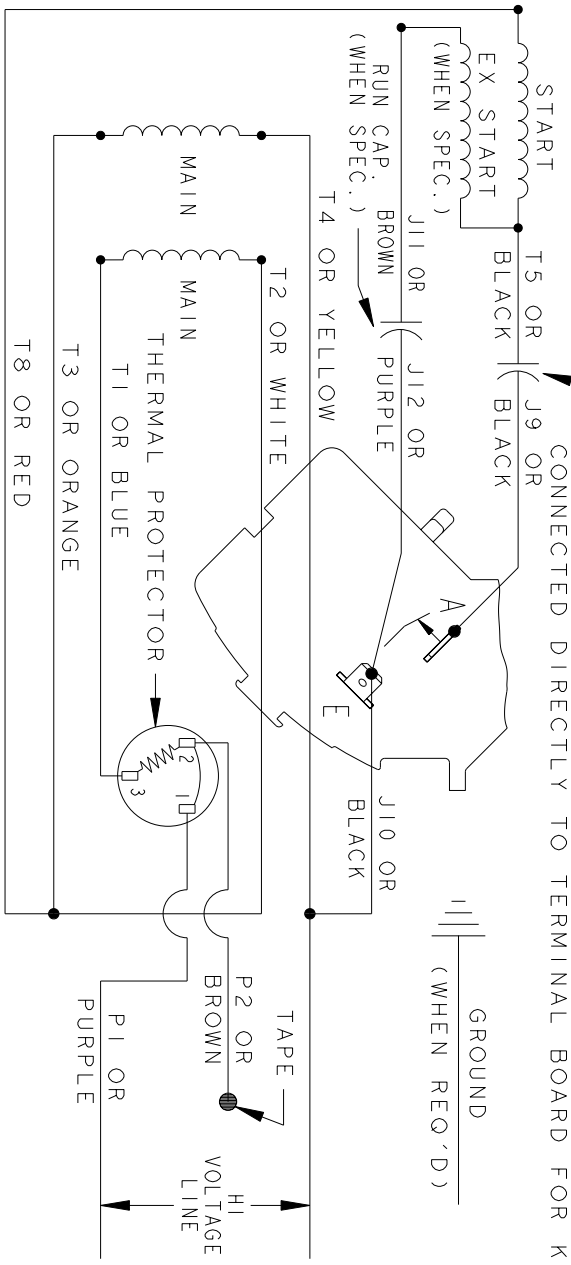
REV.	DESCRIPTION	DATE	APPROVED
7	UPDATED FORMAT	01/05/06	MAM

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
MODEL	M.D.P.	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.P.	12/11/97
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL	SOLID MODEL: 52A105383BA	



REGAL-BELOTT CORPORATION

TITLE CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

52A105383BA

SIZE DRAWING	A	SCALE: 1.000	REF. No.:		SHEET 1 of 1
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