

PRODUCT INFORMATION PACKET

Modal No: 5KC49TN0033
Catalog No: C295
1,1725,TEFC,143T,1,60/115/230
Totally Enclosed Fan Cooled (TEFC)



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Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/230 V
Current	13.2,6.6 A	Speed	1725 rpm
Service Factor	1	Phases	1
Efficiency	72.2 %	Duty	CONT
Insulation Class	B	KVA Code	K
Frame	143T	Enclosure	TEFC
Overload Protector	N/R	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

Technical Specifications

Electrical Type	Capacitor start(CSIR)	Starting Method	SM
Poles	4	Rotation	CCW/CW
Mounting	WB	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	13.33 in
Frame Length	7.68 in	Shaft Diameter	0.88 in
Shaft Extension	2.25 in		

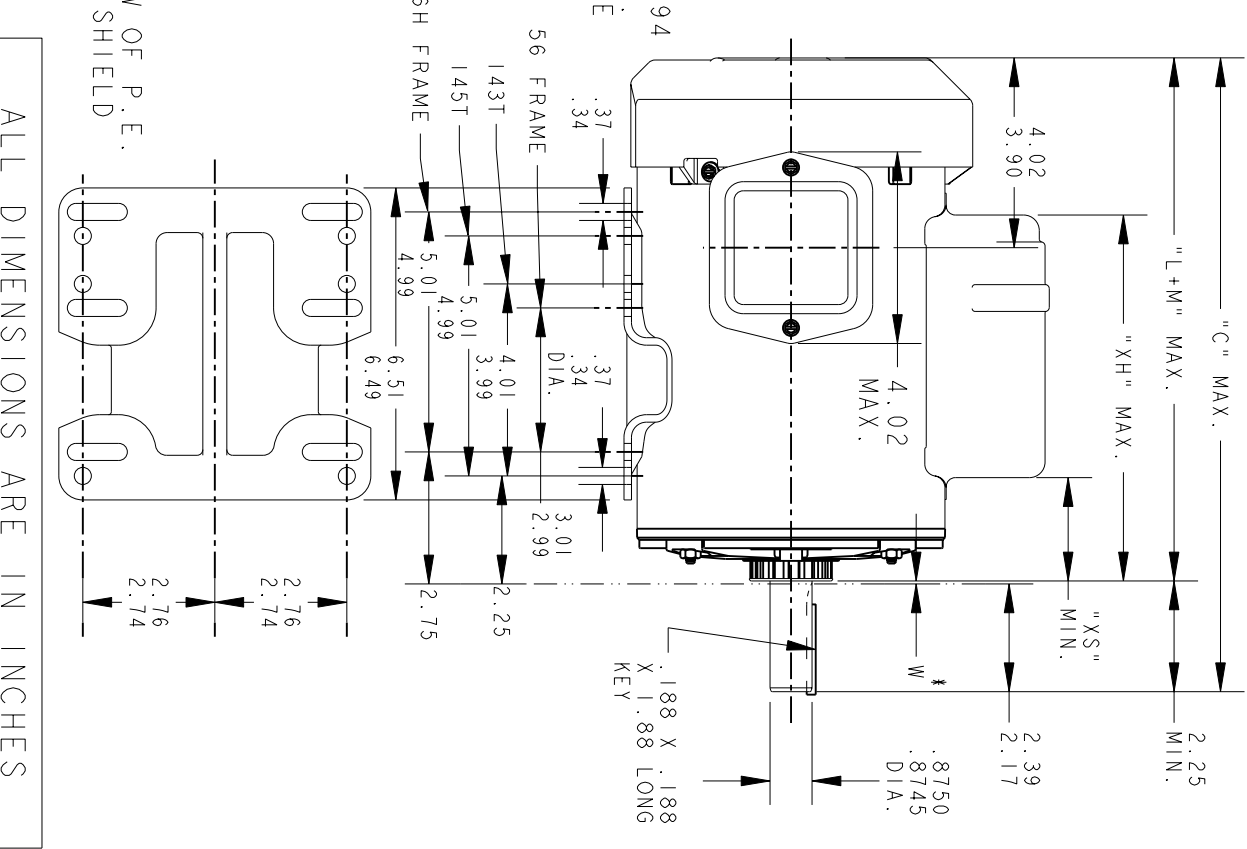
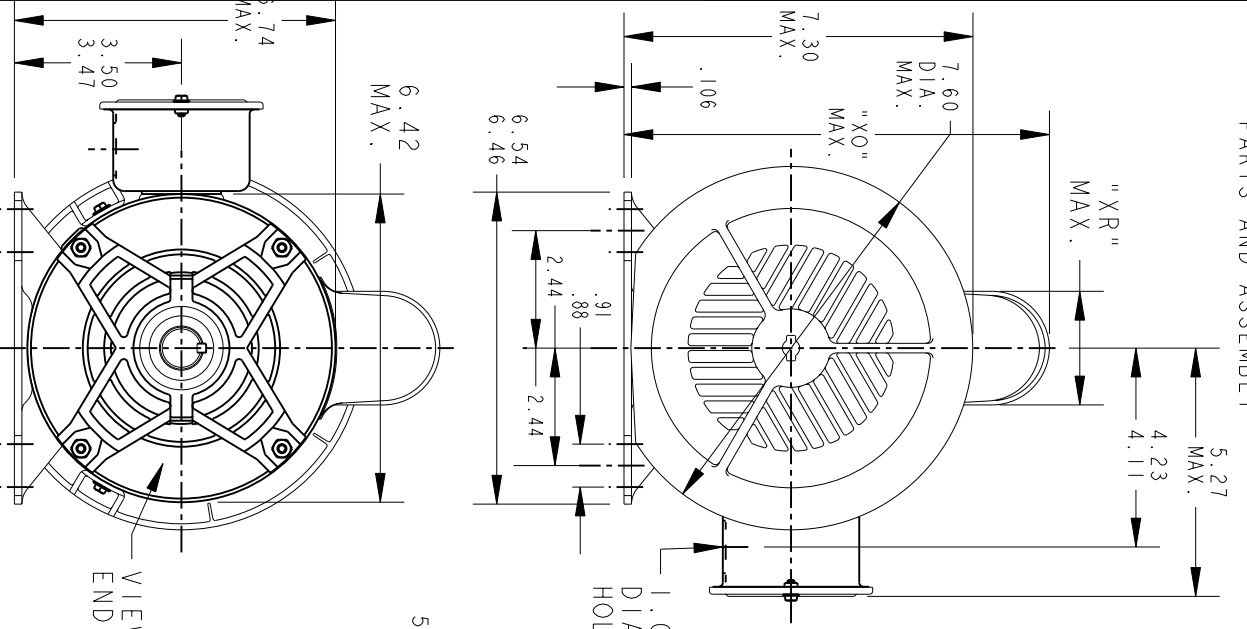
THIRD ANGLE PROJECTION



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

REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED DIMS. PER STANDARDS.	06/24/92	M.D. PAPE
4	CHG TO RBC FORMAT PER ISO5-1777	03/01/06	SUDHA

REVISIONS



VIEW OF P.E. END SHIELD

ALL DIMENSIONS ARE IN INCHES

P	TYPE	GE	SIZE	NEMA FR.	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	MIN. SHELL
I	KC	49		143T 145T	13.33	11.07	7.76	8.94	2.40	2.01	7.68

SIGNATURES		DATE
MODEL	M.D. PAPE	08/30/91
DETAIL		
CHECKED		
ENGRG		



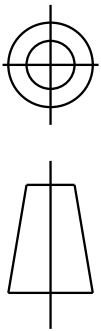
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TITLE OUTLINE

GENERAL PURPOSE MOTOR TEFC - BALL BEARING
 WELDED BASE R2 END MOUNTED FWF - 40 FRAME REDESIGN (SKC491TM00331)

FOR ADDITIONAL INFO REFER TO:	MFG	
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	M.D. PAPE 08/30/91
MATERIAL	SOLID MODEL:	52A107722

SIZE	DRAWING	REV
A		4
SCALE:	0.250	REF. No.:
SHEET	1 of 1	



REV.
3

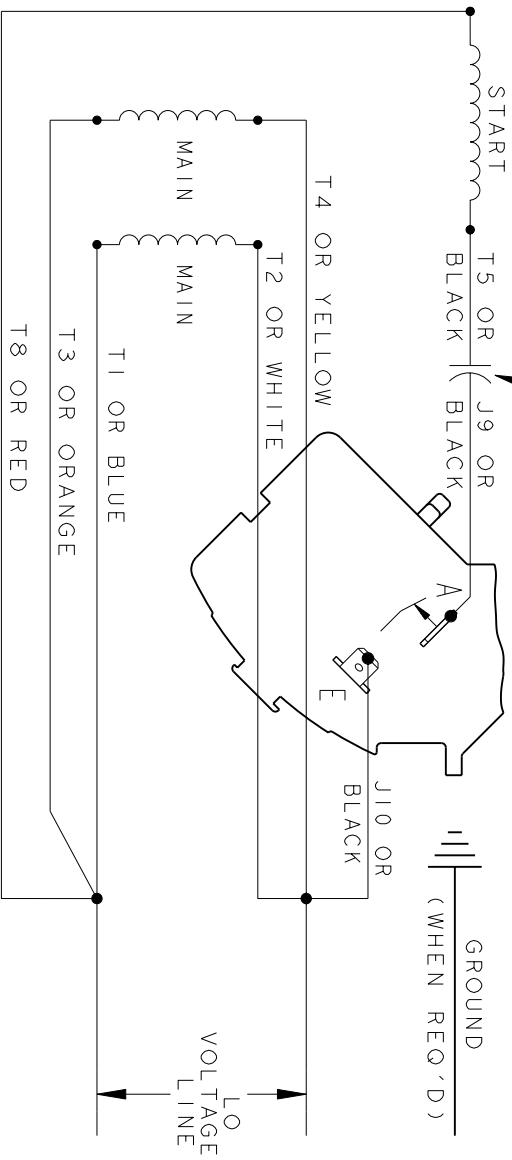
DESCRIPTION
UPDATED FORMAT

DATE
01/04/06

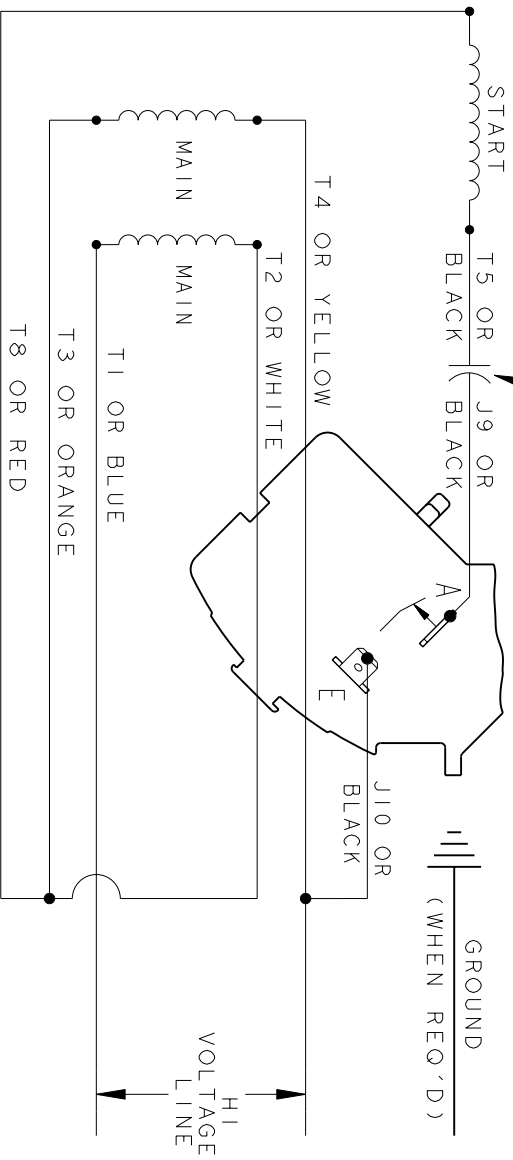
APPROVED
MAM

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
SOLID MODEL: 52A105381BA		

REGAL-BELOIT CORPORATION

REGAL-BELOIT

CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

SCALE: 1.000 REF. No: .

SIZE DRAWING A

52A105381BA

REV 3

SHEET 1 of 1