

# PRODUCT INFORMATION PACKET

Modal No: 5KCR48WN0292  
Catalog No: C297  
1 1/2, 1725, TEFC, 145T, 1/60/115/208-230  
Totally Enclosed Fan Cooled (TEFC)



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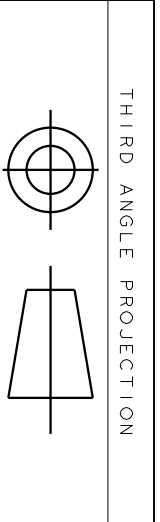


## Nameplate Specifications

Output HP	<b>1.5 Hp</b>	Output KW	<b>1.12 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>14.5,7.1-7.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phases	<b>1</b>
Efficiency	<b>73.6 %</b>	Duty	<b>CONT</b>
Insulation Class	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>145T</b>	Enclosure	<b>TEFC</b>
Overload Protector	<b>N/R</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6205</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Yes</b>
CE	<b>N</b>		

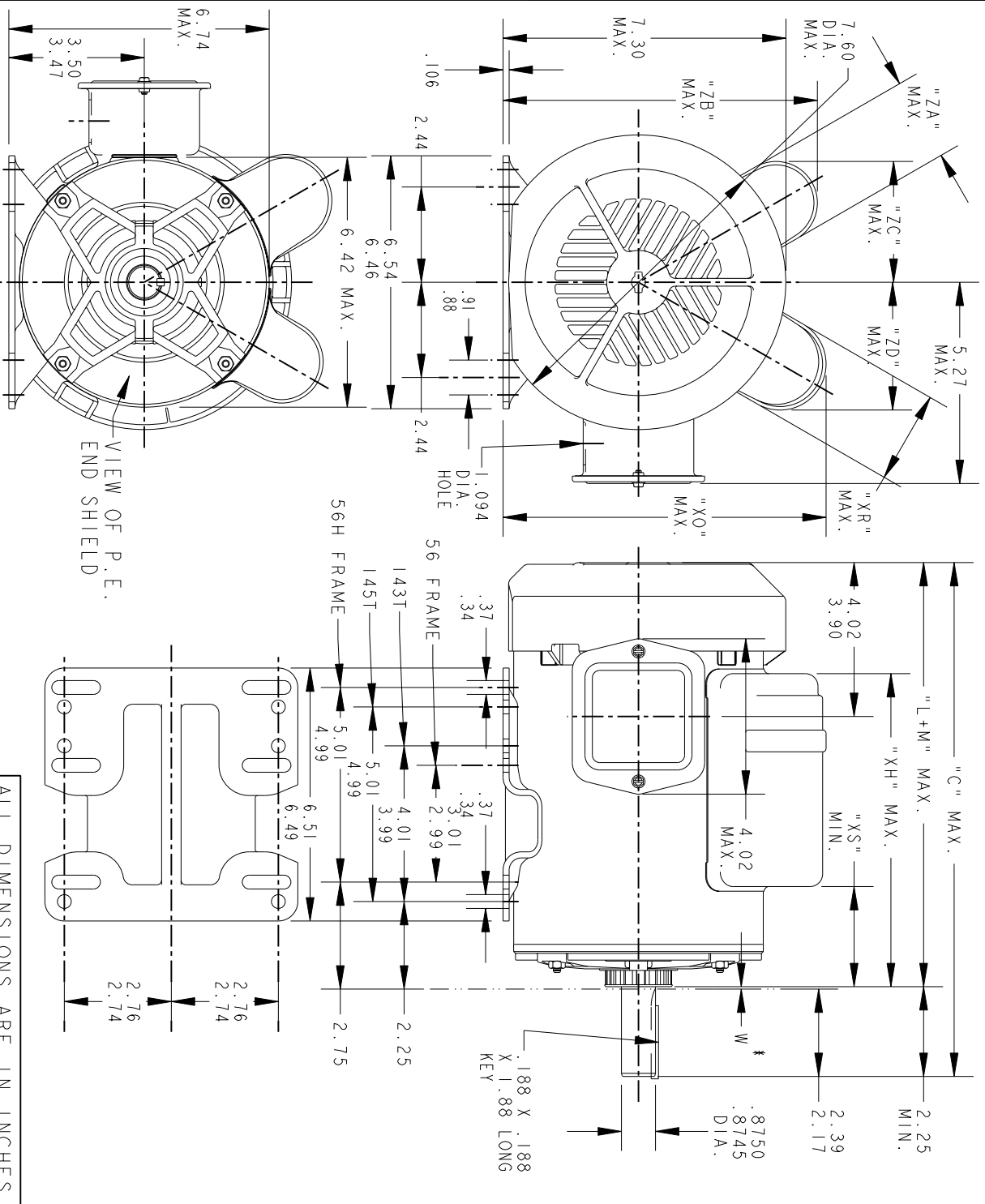
## Technical Specifications

Electrical Type	<b>Capacitor Start Capacitor Run(CSCR)</b>	Starting Method	<b>SM</b>
Poles	<b>4</b>	Rotation	<b>CCW/CW</b>
Mounting	<b>WB</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>14.07 in</b>
Frame Length	<b>8.43 in</b>	Shaft Diameter	<b>0.88 in</b>
Shaft Extension	<b>2.25 in</b>		



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

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



ALL DIMENSIONS ARE IN INCHES

3	2	1	P	TYPE	GE SIZE	NEMA FR.	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL
KCR	KCR	KCR															
49	48	49															
143T	143T	143T															
145T	145T	145T															
143T	143T	143T															
145T	145T	145T															
13.33	13.33	13.33															
11.07	11.07	11.07															
8.22	8.22	8.22															
8.40	8.40	8.40															
2.40	2.40	2.40															
2.47	2.47	2.47															
2.15	2.15	2.15															
8.18	8.18	8.18															
3.20	3.20	3.20															
3.38	3.38	3.38															
3.38	3.38	3.38															
8.99	8.43	7.68															

SIGNATURES	DATE
MODEL	M.D. PAPE
DETAIL	02/28/91
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED	M.A.M. 08/17/94

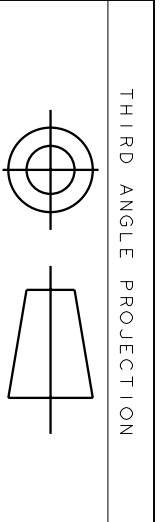
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**OUTLINE**

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

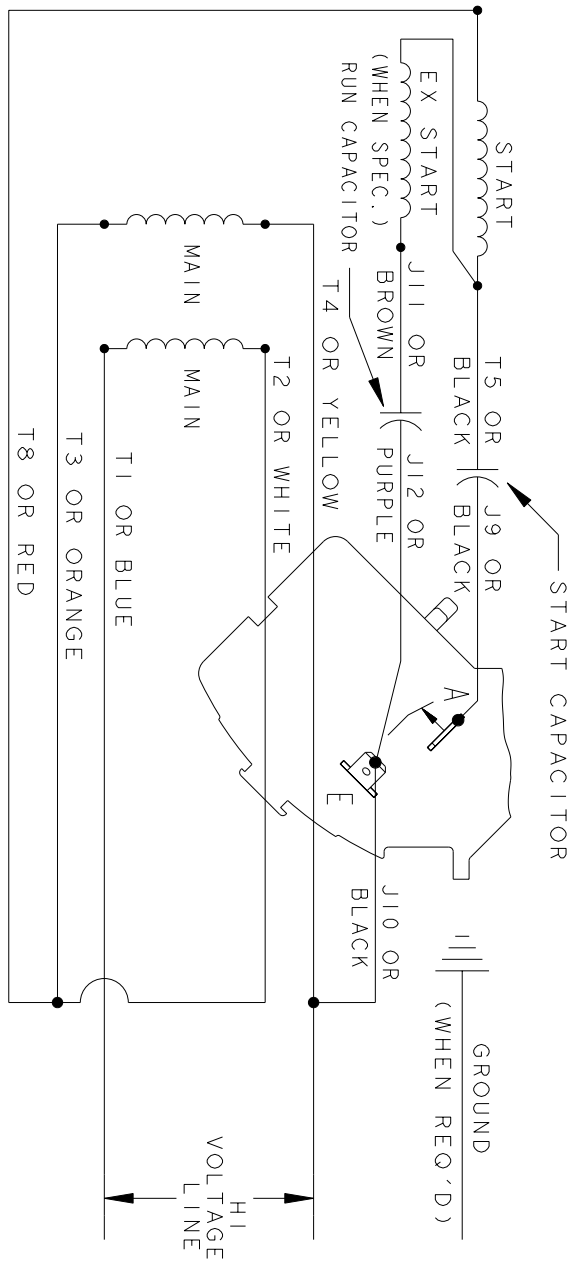
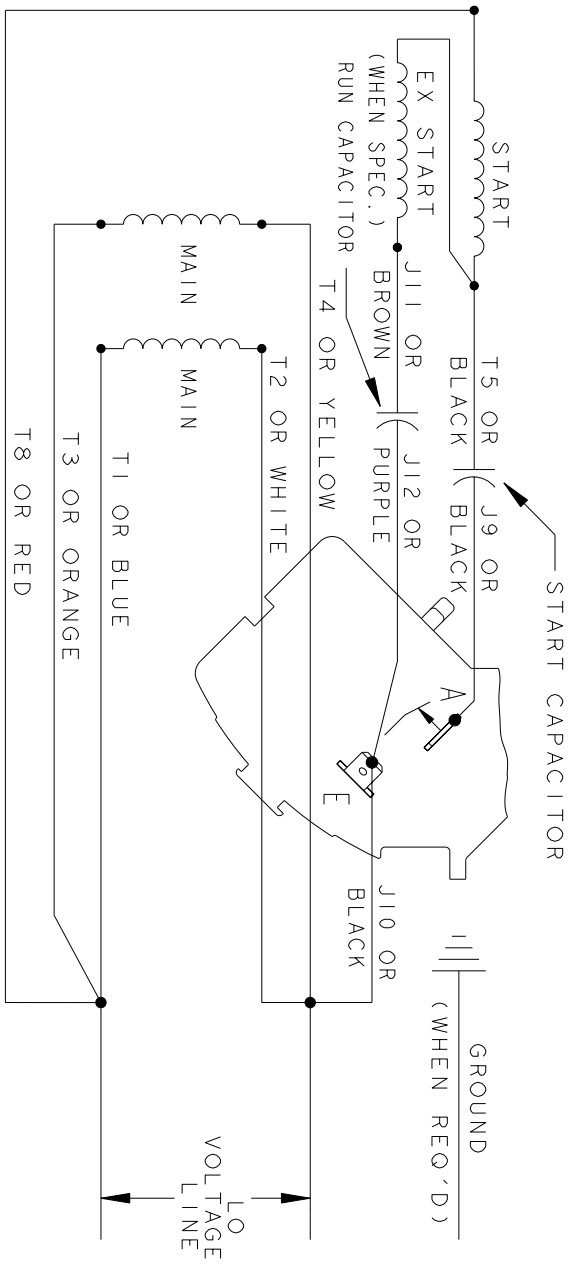
FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES
DIMENSIONS ARE IN INCHES
MATERIAL

TITLE	SCALE:	REF. No.:	SHEET
GENERAL PURPOSE MOTOR TEFC - BALL BEARING - WELDED BASE FMF - 40 FRAME REDESIGN	1.000		1 of 1
SIZE DRAWING	A		
52A107655			
REV 9			



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

CCW/CW ROTATION - DUAL VOLTAGE  
TYPE KCR



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) - 115D958AB

REF. DIAG. - 119A9324

CONNECTION LABEL - 52X332917

SIGNATURES		DATE	
MODEL	MADHU	12/21/09	
DETAIL			
CHECKED			
ENGRG			
MFG			
FOR ADDITIONAL INFO REFER TO:	QUALITY		
APPLIED PRACTICES	ISSUED	MADHU	12/21/09
DIMENSIONS ARE IN INCHES			
MATERIAL	SOLID MODEL: 52A105381BG		



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CONNECTION DIAGRAM

SIZE	DRAWING	SCALE: 1.000	REF. No:	SHEET 1 of 1
A				
TITLE				REV
52A105381BG				0