

# PRODUCT INFORMATION PACKET

Model No: 5KCR48TN8062

Catalog No: C194

3 HP General Purpose Motor, 1 phase, 3600 RPM, 115/230 V, 145T Frame, ODP  
Single Phase ODP Motors



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.  
©2020 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



**Nameplate Specifications**

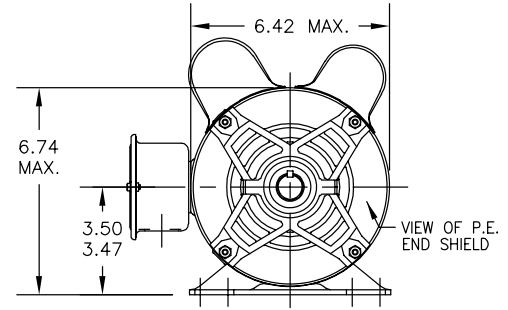
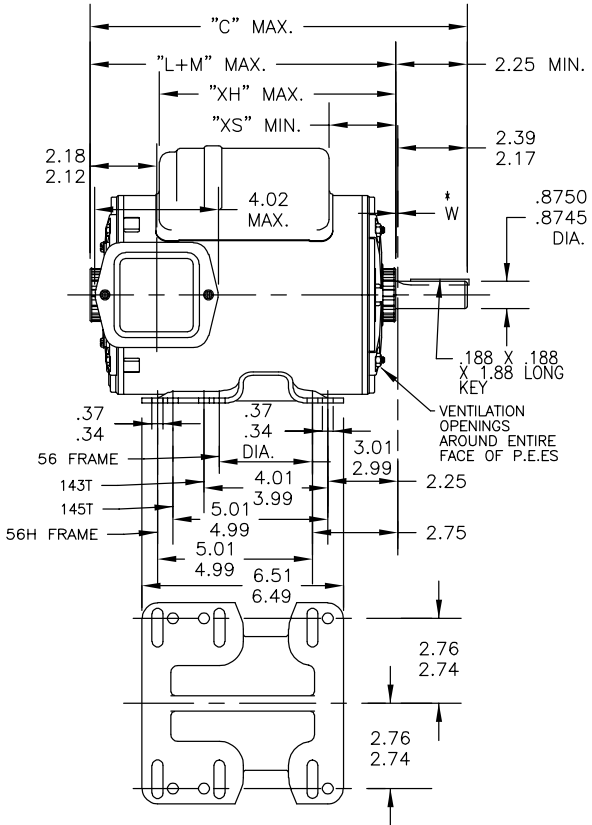
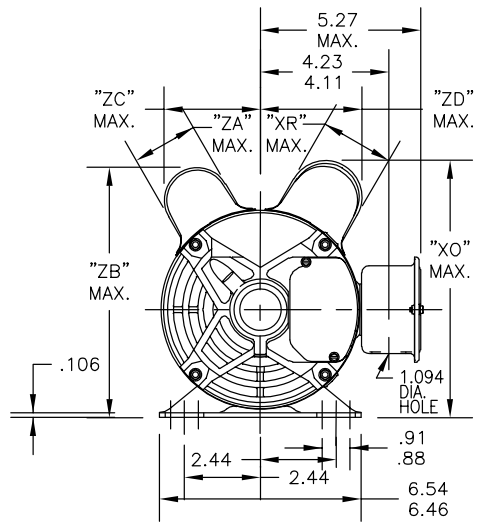
Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>29.4,14.7 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>78.5 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>145T</b>
Enclosure	<b>Drip Proof</b>	Thermal Protection	<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</b>	Starting Method	<b>SM</b>
Poles	<b>2</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Rigid Base</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>13.13 in</b>
Frame Length	<b>8.43 in</b>	Shaft Diameter	<b>0.880 in</b>
Shaft Extension	<b>2.25 in</b>		
Outline Drawing	<b>52A109637P2</b>	Connection Drawing	<b>52A105381BC</b>

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:03/11/2020

52A109637

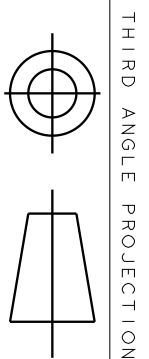


\* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

ALL DIMENSIONS ARE IN INCHES

2	KCR	48	143T 145T	13.13	10.76	7.76	7.81	1.60	2.01	2.40	8.40	3.38	2.86	8.43
1	KCR	49	143T 145T	14.33	11.96	8.30	8.78	2.72	2.61	2.10	8.16	3.14	3.43	9.63
P	TYPE	RBC SIZE	NEMA FR.	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

			TOLERANCES UNLESS SPECIFIED				DRAWN M.D.P 06/22/94				
			DEC.	INCHES			CHK				
			.X	±0.1			APPD M.D.P 06/22/94				
4	REDRAWN IN DRAFT SIGHT NO CHANGES	GR	10/16/12	PKG	.XX	±0.02	TITLE		OUTLINE	SCALE	1=1
3	CHG TO RBC FORMAT PER IS05-1777	SD	03/22/06		.XXX	±0.005	DP- WELDED BASE		REF		
2	REV. O.E. E.S. PER TI95-22196.	MDP	10/20/95		.XXXX	±0.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG		±1.0	FINISH		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE	52A109637	SIZE	DRAWING NO.	REV.		
				DIST			A	52A109637	4		



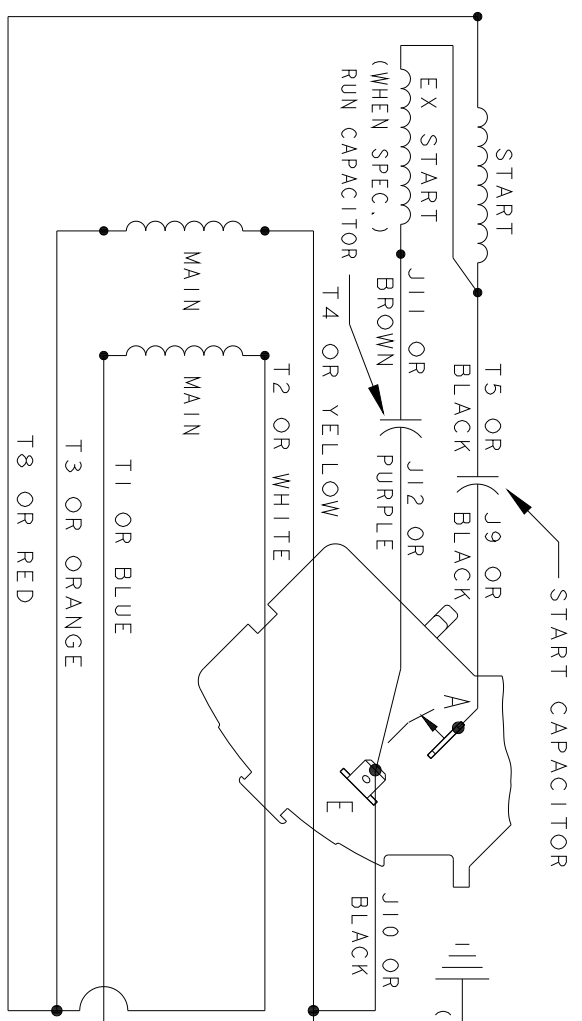
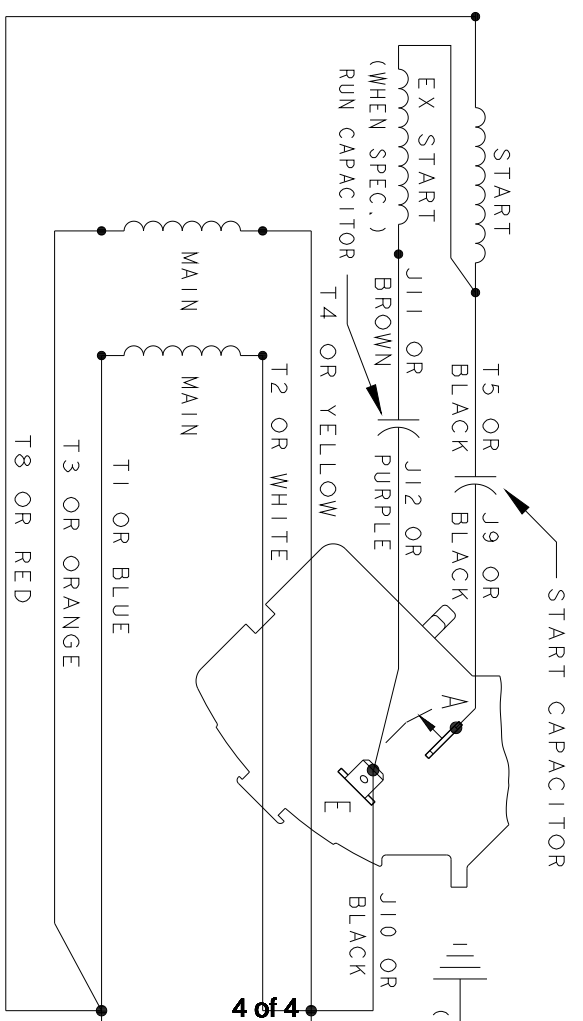
THIRD ANGLE PROJECTION

REV.	DESCRIPTION	REVISIONS
3	UPDATED FORMAT	

CCW/CW ROTATION - DUAL VOL  
TYPE KCR

SIZE	DRAWING NO.
	<b>52A105381BC</b>

REV	SHEET
<b>3</b>	1



NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AN  
NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONN

SWITCH (H) - 11

REF. DIAG. - 119A93Z4

CONNECTION LABEL

SIGNATURES		DATE	
MODEL	M.D. PAPER	05/09/90	
DETAIL			
CHECKED			
ENGRG			
FOR ADDITIONAL INFO REFER TO:			
APPLIED PRACTICES			
DIMENSIONS ARE IN INCHES			
MATERIAL			

TITLE		CONNECTION	
SIZE	DRAWING	F.M.F.	S.K.
A			
SCALE: 1.000	REF. No:		



REGAL BELT