

# PRODUCT INFORMATION PACKET



Model No: 141428.00  
Catalog No: 141428.00  
Crop Dryer Motor, 7.50 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215T Frame, TEFC



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### Nameplate Specifications

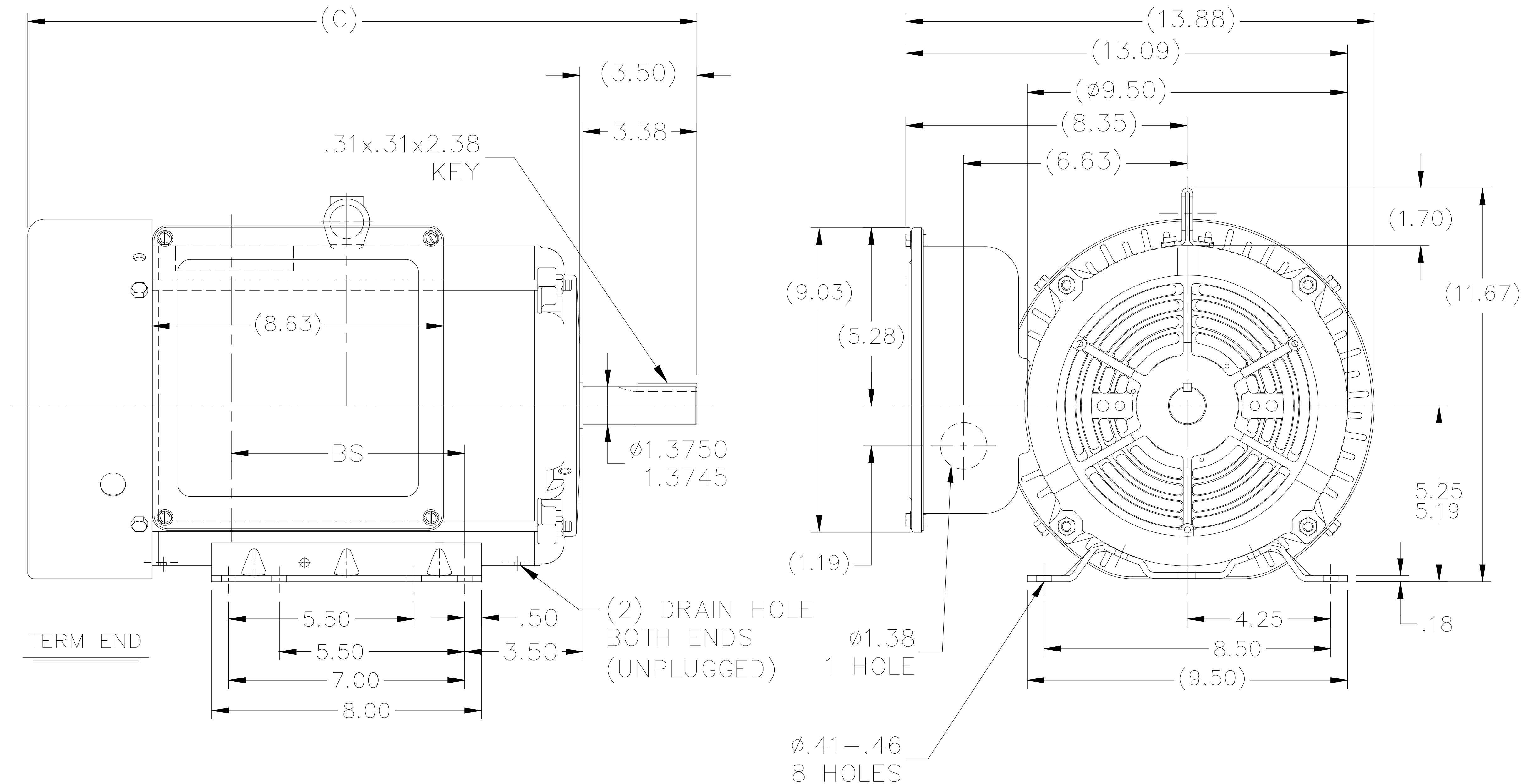
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230 V
Current	30.5 A	Speed	1750 rpm
Service Factor	1.15	Phase	1
Efficiency	85.5 %	Power Factor	95
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	K
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

### Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.215 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	21.09 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.5 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	038223-1240	Connection Drawing	EE9048LX-LE

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038223



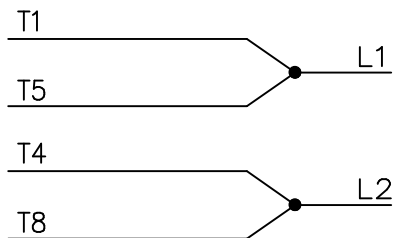
DASH	FRAME	C	BS
1240	215T	21.09	8.17

## NOTES:

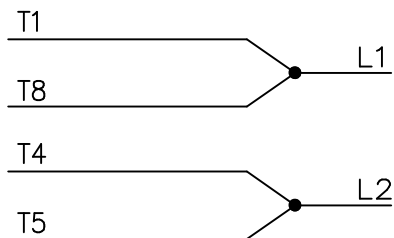
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. DASH 965 TO BE READ FROM OPPOSITE SHAFT END.

NEW DRAWING		NK 04-20-2018	TOLERANCES UNLESS SPECIFIED		 <b>Regal Beloit America, Inc.</b>	DRAWN NK 04-20-2018		
			DEC.	INCHES		CHK	SR	04-20-2018
			.X	±.1		APPD	SR	04-20-2018
			.XX	±.03		SCALE	7=32	
			SR	.XXX	±.005	TITLE OUTLINE – STEEL C' BOX		REF
			SR	.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV
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C.W. ROTATION



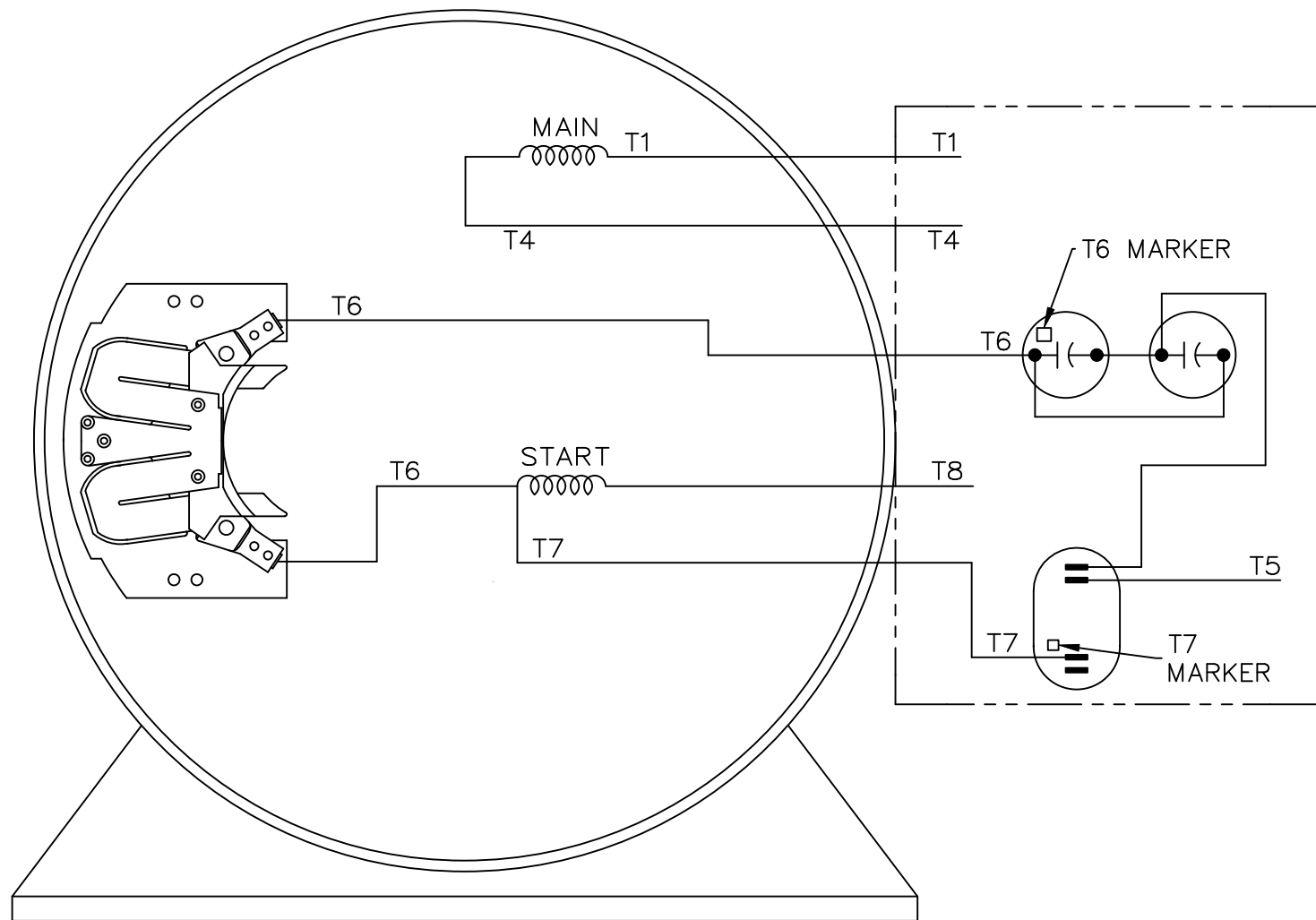
C.C.W. ROTATION




CONNECT:  
START CAPACITORS  
IN PARALLEL.

SINGLE VOLTAGE – CAPACITOR START – CAPACITOR RUN  
REVERSIBLE

EE9048LX–LE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN KVN 10/23/2009	
				DEC.	INCHES				CHK	
				.X	± -				APPD	
				.XX	± -				SCALE	
				.XXX	± -				REF EE9048LX	
				.XXXX	± -	MAT'L.			FMF	
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