

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

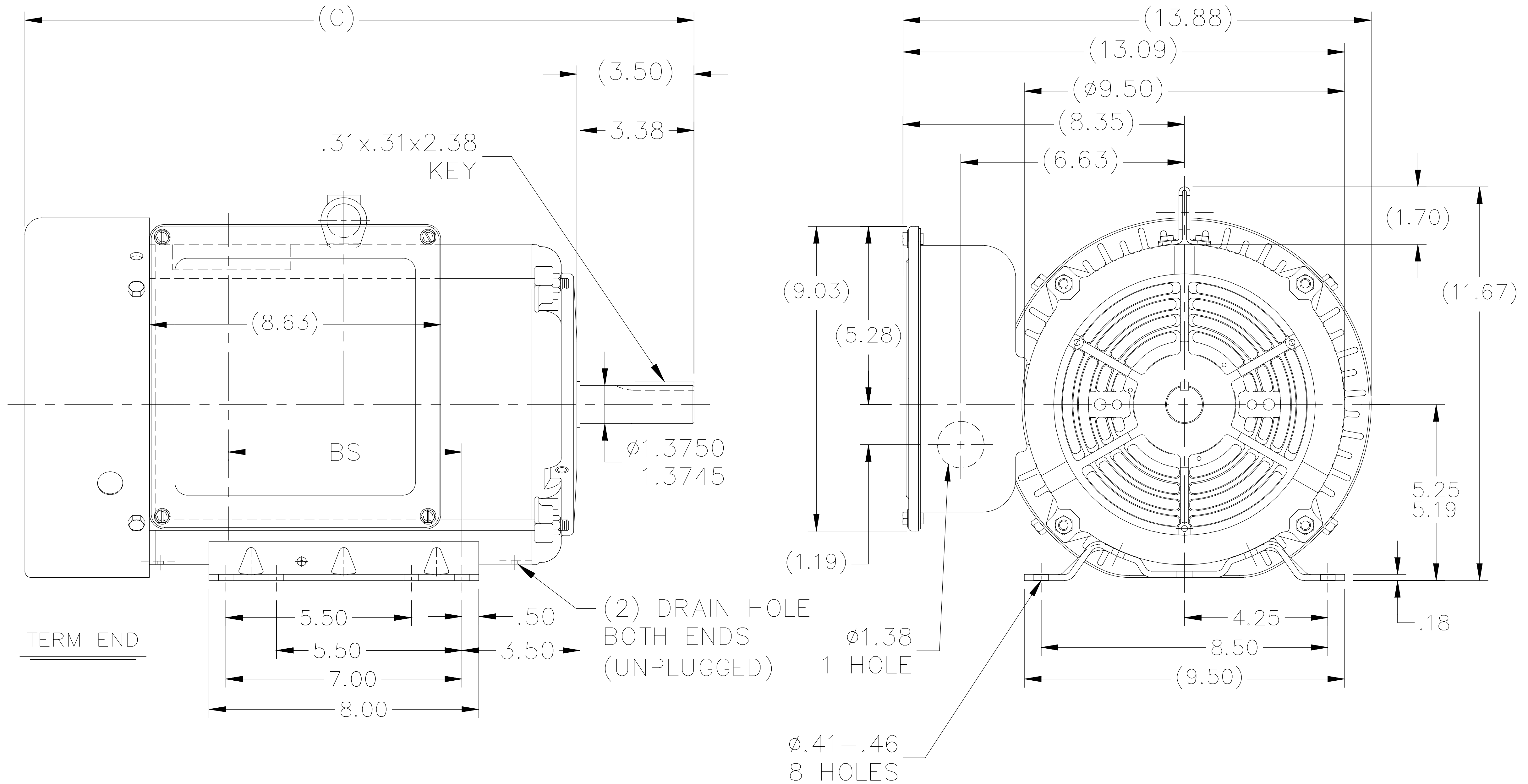
Phase	1	Output HP	7.50 Hp
Output KW	5.6 kW	Voltage	230 V
Speed	1750 rpm	Service Factor	1.15
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	30.5 A	Power Factor	95
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	K
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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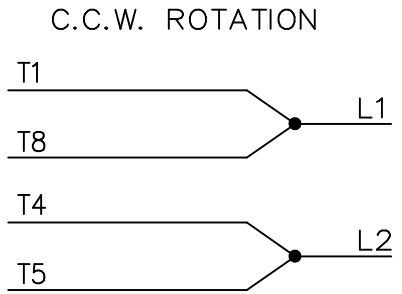
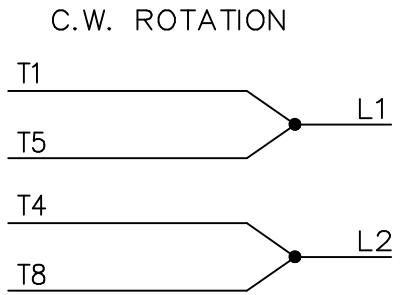
DASH	FRAME	C	BS
1240	215T	21.09	8.17

NOTES:

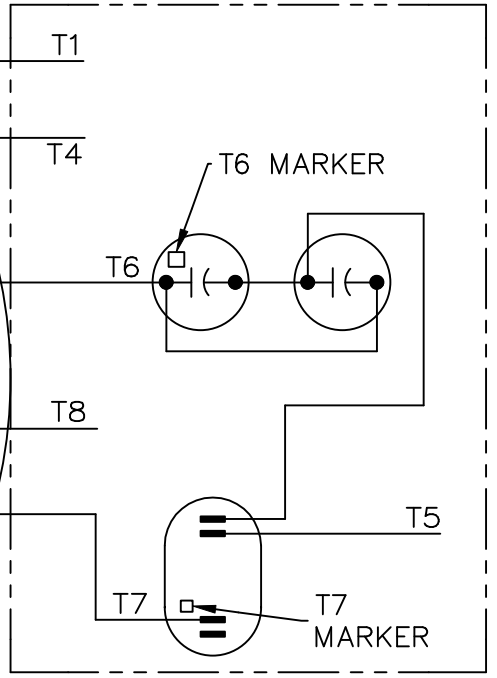
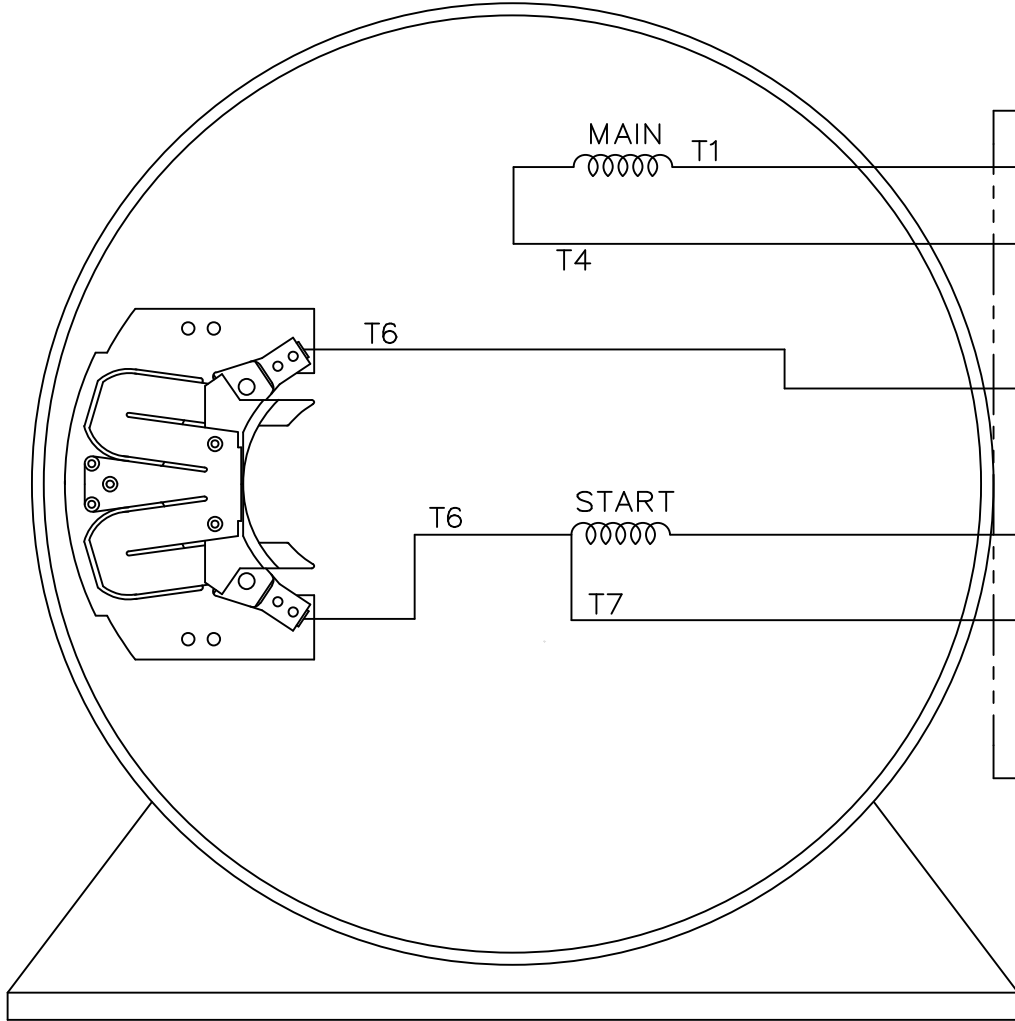
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. DASH 965 TO BE READ FROM OPPOSITE SHAFT END.

NEW DRAWING		NK 04-20-2018	TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN NK 04-20-2018
			DEC.	INCHES		CHK SR 04-20-2018
			.X	± 1		APPD SR 04-20-2018
			.XX	$\pm .03$		SCALE 7=32
			SR	.XXX	$\pm .005$	REF
			SR	.XXXX	$\pm .0005$	FMF
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 7'30''$	PREV
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SINGLE VOLTAGE – CAPACITOR START – CAPACITOR RUN
REVERSIBLE



CONNECT:
START CAPACITORS
IN PARALLEL.



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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