

PRODUCT INFORMATION PACKET



Model No: 141427.00

Catalog No: 141427.00

Crop Dryer Motor, 7.50 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215TZ 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	215TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized (Not Protector)	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

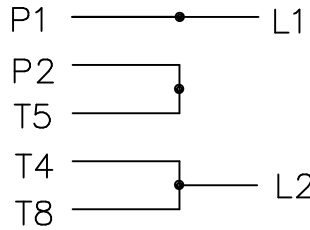
Technical Specifications

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	Single Special Extension	Overall Length	21.09 in
Frame Length	12.40 in	Shaft Diameter	1.125 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE9048RC-LE	Outline Drawing	SS86671-1240

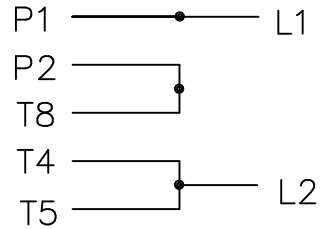
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CONNECT:
START CAPACITORS IN PARALLEL

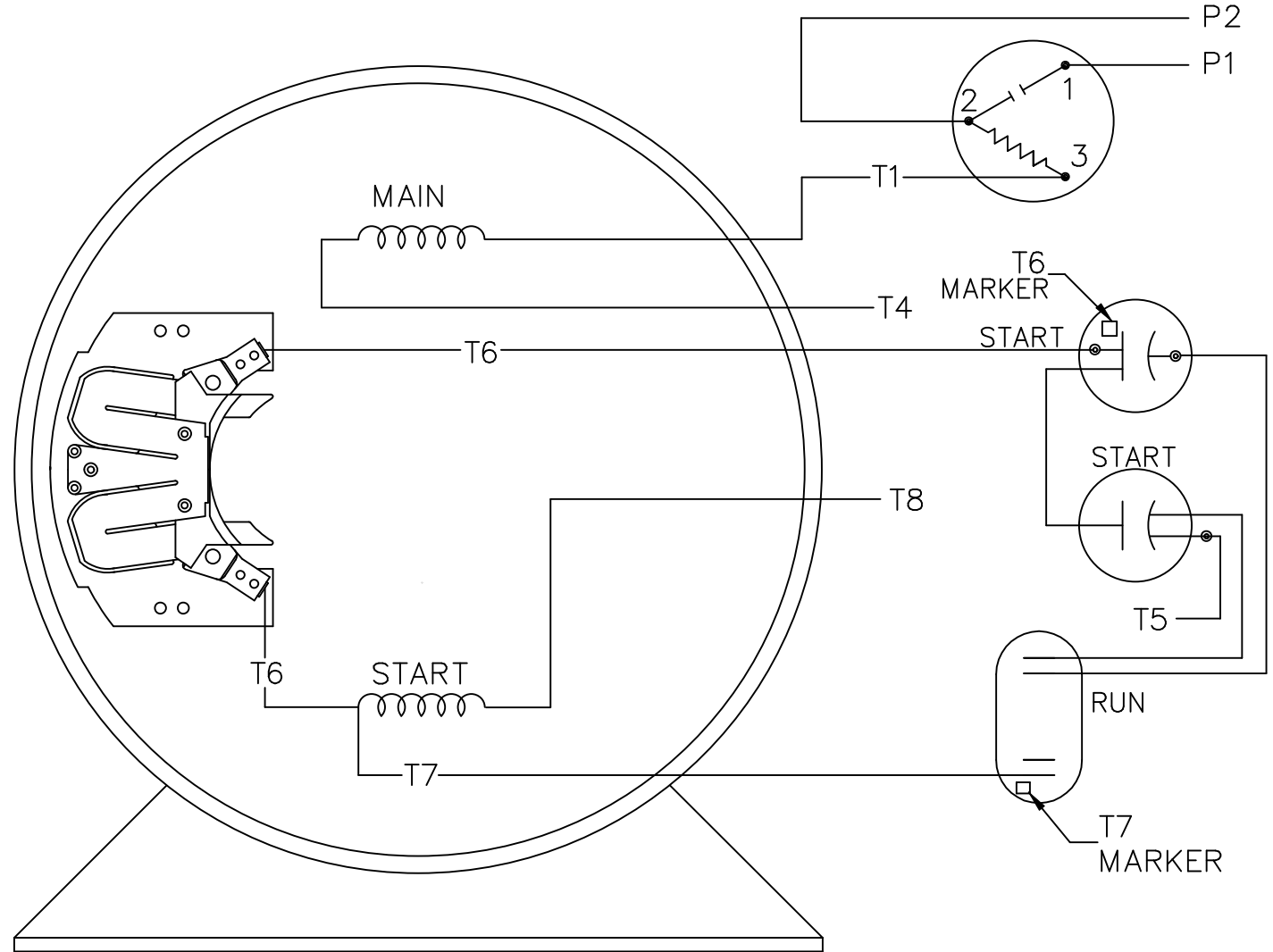
C.W. ROTATION




C.C.W. ROTATION



SINGLE VOLTAGE
CAPACITOR START
CAPACITOR RUN
REVERSIBLE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KVN 11/04/2009			
				DEC.	INCHES		CHK			
				.X	±.1		APPD			
				.XX	±.02		SCALE 1=1			
				.XXX	±.005		REF EE9048RC			
				.XXXX	±.0005	MAT'L. 180-210 SWITCH	FMF 140414.10			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
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