

# PRODUCT INFORMATION PACKET



Model No: 141431.00  
Catalog No: 141431.00  
10 HP Crop Dryer Motor, 1 phase, 1800 RPM, 230 V, 215JM Frame, ODP  
Crop Dryer Motors



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### Nameplate Specifications

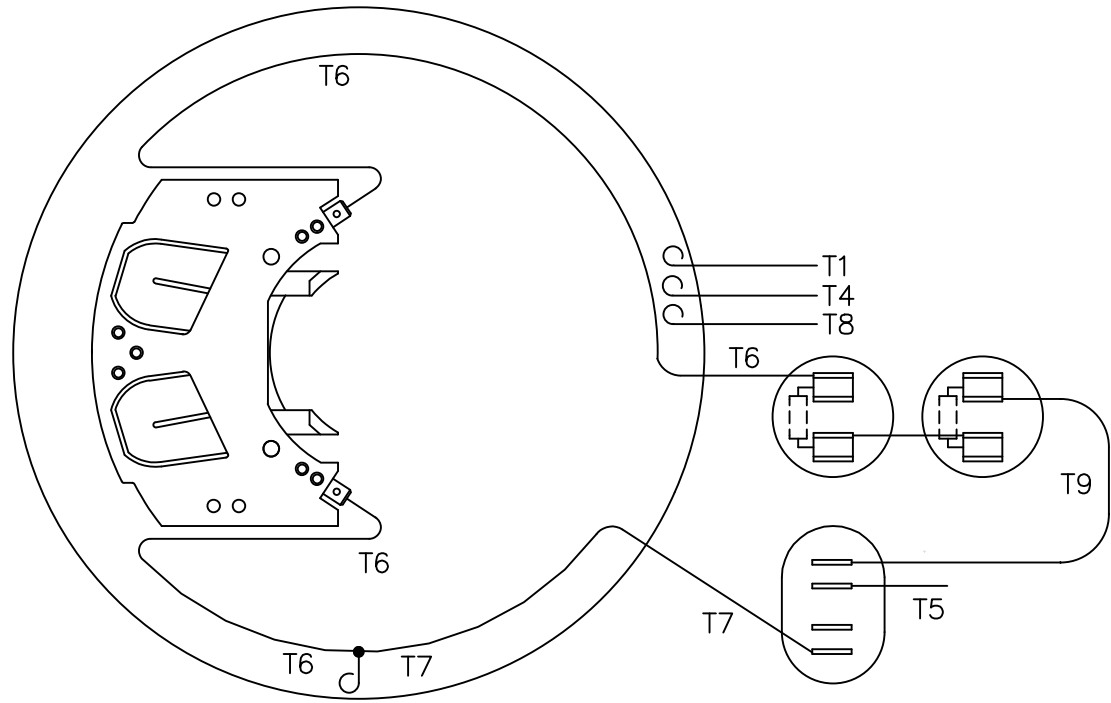
Output HP	<b>10 Hp</b>	Output KW	<b>7.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>39.0 A</b>	Speed	<b>1745 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>86.5 %</b>	Power Factor	<b>96.4</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>L</b>	KVA Code	<b>G</b>
Frame	<b>215JM</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6309</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>12</b>

### Technical Specifications

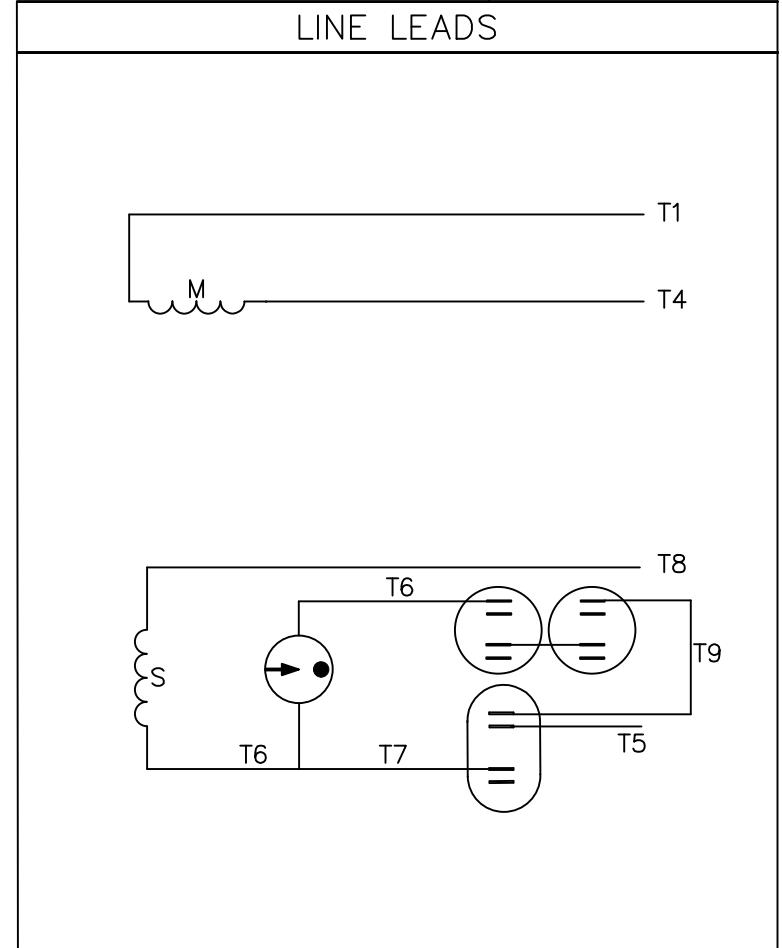
Electrical Type	<b>Capacitor Start Capacitor Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Resistance Main	<b>0 Ohms</b>	Mounting	<b>Rigid base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>JM</b>	Overall Length	<b>21.17 in</b>
Frame Length	<b>12.40 in</b>	Shaft Diameter	<b>1.125 in</b>
Shaft Extension	<b>4.5 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Connection Drawing	<b>005528.01</b>	Outline Drawing	<b>OL141431-1240</b>

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



ROTATION FACING LEAD END	L1	L2
C.C.W.	T1,T8	T4,T5
C.W.	T1,T5	T4,T8

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN JWM 04/12/2010		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		SCALE 1=2		
				.XXX	±.005		REF 005077-10		
				.XXXX	±.0005	MAT'L. DECAL 004018			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	FMF		
			RFP	CAD FILE 00552801		SIZE	DRAWING NO.		
			DIST			A	005528-01		
							REV.		

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