

# 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>

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