

**Product Information Packet: Model No: 824583.00, Catalog No:824583.00 Definite Purpose Motor, 20 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 286T Frame, TEAO**

**Nameplate Specifications**

Output HP	<b>20 Hp</b>	Output KW	<b>14.9 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>460 V</b>
Current	<b>27.0 A</b>	Speed	<b>1178 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>91.7 %</b>	Power Factor	<b>75</b>
Duty	<b>Continuous</b>	Insulation Class	<b>H</b>
Design Code	<b>A</b>	KVA Code	<b>H</b>
Frame	<b>286T</b>	Enclosure	<b>Totally Enclosed Air Over</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>90 °C</b>
Drive End Bearing Size	<b>6311</b>	Opp Drive End Bearing Size	<b>6210</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>54</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.342 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball / Heat Stabilized</b>
Opp Drive End Bearing	<b>Ball / Heat Stabilized</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>T</b>	Overall Length	<b>24.92 in</b>
Frame Length	<b>14.25 in</b>	Shaft Diameter	<b>1.875 in</b>
Shaft Extension	<b>4.62 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Inverter Load	<b>VARIABLE 20:1</b>		
Connection Drawing	<b>A-EE7300T-LE</b>	Outline Drawing	<b>B-SS311239-1425</b>

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