

**Product Information Packet: Model No: LM22830, Catalog No:LM22830 Speed Ratio Motors, TEFC, 5 HP, 3 Ph, 60 Hz, 230/460 V, 1750 RPM, 184TC Frame**

**Nameplate Specifications**

Output HP	<b>5 Hp</b>	Output KW	<b>3.7 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>13.4/6.7 A</b>	Speed	<b>1750 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>87.5 %</b>	Power Factor	<b>79</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>INV</b>	KVA Code	<b>L</b>
Frame	<b>184TC</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>207</b>	Opp Drive End Bearing Size	<b>205</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Inverter Duty</b>	Starting Method	<b>Inverter Only</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>2.46 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>Aluminum</b>
Shaft Type	<b>T</b>	Overall Length	<b>16.83 in</b>
Frame Length	<b>8.20 in</b>	Shaft Diameter	<b>1.125 in</b>
Shaft Extension	<b>2.75 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Inverter Load	<b>CONSTANT 4:1</b>		
Connection Drawing	<b>A-EE7308T-LN</b>	Outline Drawing	<b>B-SS601010LN-820</b>

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