Product Information Packet: Model No: LM21843, Catalog No:LM21843 Automotive Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 254UC Frame, TEFC

## LEESON

## Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	460 V
Current	9.6 A	Speed	1770 rpm
Service Factor	1	Phase	3
Efficiency	91.7 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Frame	254UC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	207
UL	No	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.17 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Overall Length	23.89 in
Frame Length	11.75 in	Shaft Diameter	1.375 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203586LN-1175	Connection Drawing	A-EE7300-LN
Frame Length Shaft Extension	11.75 in 3.75 in	Shaft Diameter Assembly/Box Mounting	1.375 in F1/F2 CAPABLE

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