Product Information Packet: Model No: LM16757, Catalog No:LM16757 General Purpose Motor, 10 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 215TC Frame, TEFC



## Nameplate Specifications

| Phase                  | 3                 | Output HP                  | 10 & 10 Hp                  |
|------------------------|-------------------|----------------------------|-----------------------------|
| Output KW              | 7.5 & 7.5 kW      | Voltage                    | 230/460 & 190/380 V         |
| Speed                  | 1765 & 1450 rpm   | Service Factor             | 1.25 & 1.0                  |
| Frame                  | 215TC             | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection     | Efficiency                 | 91.7 & 89.5 %               |
| Ambient Temperature    | 40 °C             | Frequency                  | 60 & 50 Hz                  |
| Current                | 25/12.5 & 30/15 A | Power Factor               | 82                          |
| Duty                   | Continuous        | Insulation Class           | F                           |
| Design Code            | В                 | KVA Code                   | G                           |
| Drive End Bearing Size | 6208              | Opp Drive End Bearing Size | 6206                        |
| UL                     | Recognized        | CSA                        | Υ                           |
| CE                     | Υ                 | 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       | .894 Ohms                   | Mounting              | Rigid Base      |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material        | Aluminum        |
| Shaft Type            | т                           | Overall Length        | 19.57 in        |
| Frame Length          | 9.50 in                     | Shaft Diameter        | 1.375 in        |
| Shaft Extension       | 3.38 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Outline Drawing       | SS330102LN-950              | Connection Drawing    | EE7308-LN       |

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