Product Information Packet: Model No: LM80109, Catalog No:LM80109 30 HP Fire Pump Motor, 3 phase, 1800 RPM, 200/400 V, 286T Frame, ODP



Nameplate Specifications

| Output HP | 30 Hp | Output KW | 22.4 kW |
|------------------------|-------------|----------------------------|------------|
| Frequency | 60 Hz | Voltage | 200/400 V |
| Current | 83.0/41.5 A | Speed | 1765 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 92.4 % | Power Factor | 84 |
| Duty | Continuous | Insulation Class | F |
| Design Code | В | KVA Code | F |
| Frame | 286T | Enclosure | Drip Proof |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6311 | Opp Drive End Bearing Size | 6210 |
| UL | No | CSA | Y |
| CE | Y | IP Code | 23 |
| Number of Speeds | 1 | | |

Technical Specifications

| Electrical Type | Squirrel Cage Induction Run | Starting Method | Part Wdg Start Low Volt Only & Wye Start Delta Run |
|-----------------------|-----------------------------|-----------------------|---|
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .335 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | т | Overall Length | 24.99 in |
| Frame Length | 14.25 in | Shaft Diameter | 1.875 in |
| Shaft Extension | 4.62 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Outline Drawing | B-SS207662LN-1425 | Connection Drawing | A-EE7358-LN |

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