Product Information Packet: Model No: 254TTFNA7210, Catalog No:Y383 Oil Well Pump Motor, 10 & 2.50 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 254T Frame, TEFC

marathon®

Nameplate Specifications

| Phase | 3 | Output HP | 10 & 2.50 Hp |
|------------------------|----------------|----------------------------|-----------------------------|
| Output KW | 7.5 & 1.9 kW | Voltage | 460 & 460 V |
| Speed | 1775 & 882 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 254T | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 90.2 & 86.5 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 60 Hz |
| Current | 12 & 4 A | Power Factor | 88 |
| Duty | Continuous | Insulation Class | F |
| Design Code | 1VT | KVA Code | J |
| Drive End Bearing Size | 6309 | Opp Drive End Bearing Size | 6210 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 55 |
| Number of Speeds | 2 | | |

Technical Specifications

| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Poles | 4/8 | Rotation | Reversible |
| Resistance Main | 1.255 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 | 23.65 in |
| Frame Length | 10.50 in | Shaft Diameter | 1.625 in |
| Shaft Extension | 4.2 in | Assembly/Box Mounting | F1/F2 Capable |
| Connection Drawing | A-EE7322 | Outline Drawing | B-SS203002-1050 |

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