

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 213TTWD14032

Catalog No: N161

General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
213JM Frame, TEFC

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Nameplate Specifications

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|------------------------|----------------------------|----------------------------|------------------------------------|
| Phase | 3 | Output HP | 7.50 & 5 Hp |
| Output KW | 5.6 & 3.7 kW | Voltage | 230/460 & 190/380 V |
| Speed | 1760 & 1450 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 213JM | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 89.5 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 22/11 & 18/9 A | Power Factor | 72 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | H |
| Drive End Bearing Size | 6209 | Opp Drive End Bearing Size | 6207 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 56 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------------|--------------------|-------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 1.228 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Stainless Steel |
| Shaft Type | JM | Overall Length | 24.50 in |
| Shaft Diameter | 1.375 in | Shaft Extension | 4.28 in |
| Assembly/Box Mounting | F1 ONLY | Inverter Load | CONSTANT 3:1 |
| Outline Drawing | 037618.00ME | Connection Drawing | 005010.01ME |

