# Washdown Motors

**Model No:** 141273.00
**Catalog No:** 141273.00

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

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## Product Information Packet: Model No: 141273.00, Catalog No: 141273.00 Washdown Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 213JM Frame, TEFC

### Nameplate Specifications

| | | | |
|---|---|---|---|
| Phase | **3** | Output HP | **7.50 & 5 Hp** |
| Output KW | **5.6 & 3.7 kW** | Voltage | **230/460 & 190/380 V** |
| Speed | **1765 & 1475 r/min** | Synchronous RPM | **1800 & 1500 r/min** |
| Service Factor | **1.15 & 1.15** | Frame | **213JM** |
| Enclosure | **Totally Enclosed Fan Cooled** | Thermal Protection | **No Protection** |
| Efficiency | **91.7 & 90.2 %** | Ambient Temperature | **40 °C** |
| Frequency | **60 & 50 Hz** | Current | **19.6/9.8 & 16.6/8.3 A** |
| Power Factor | **78.3** | 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** |

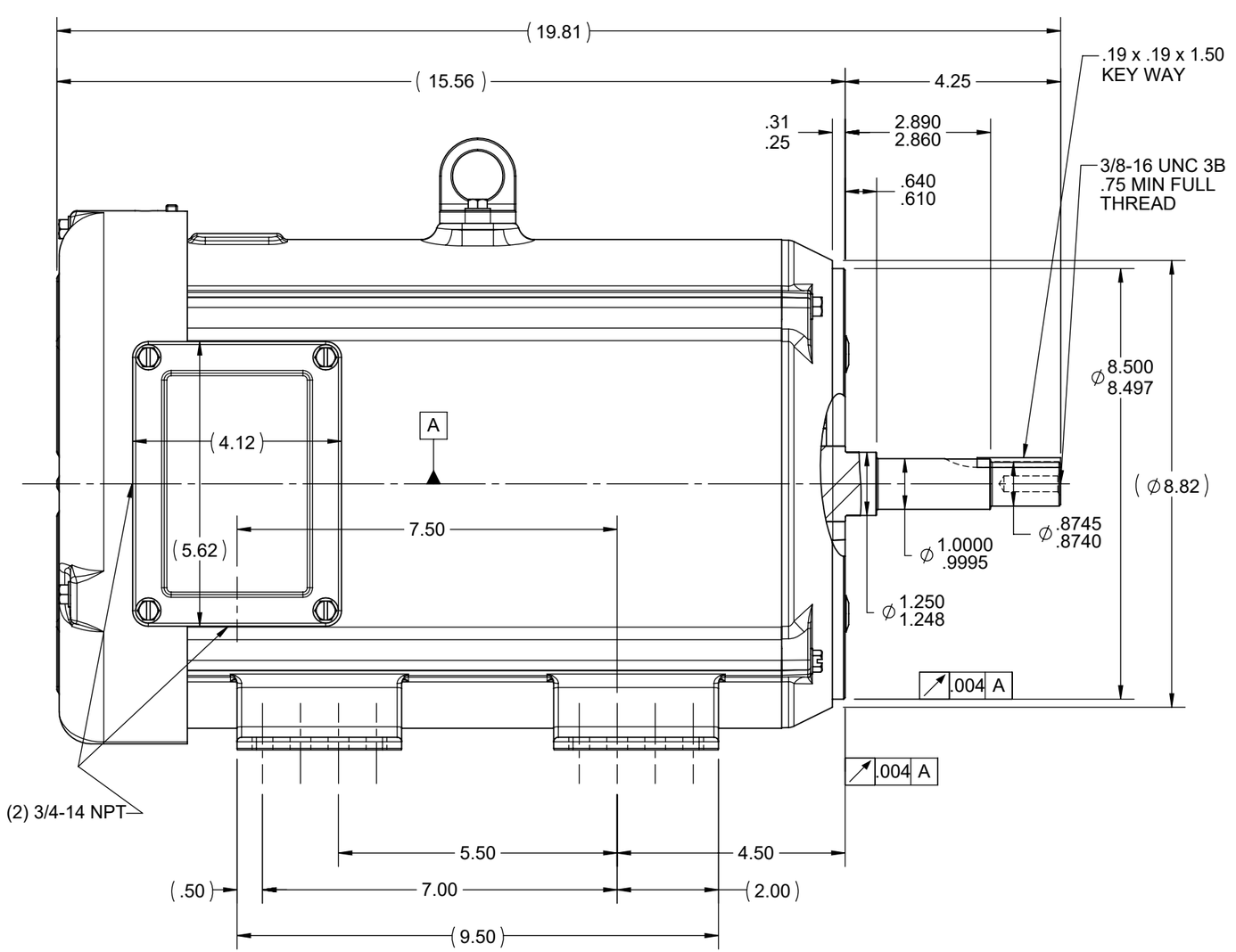
### Technical Specifications

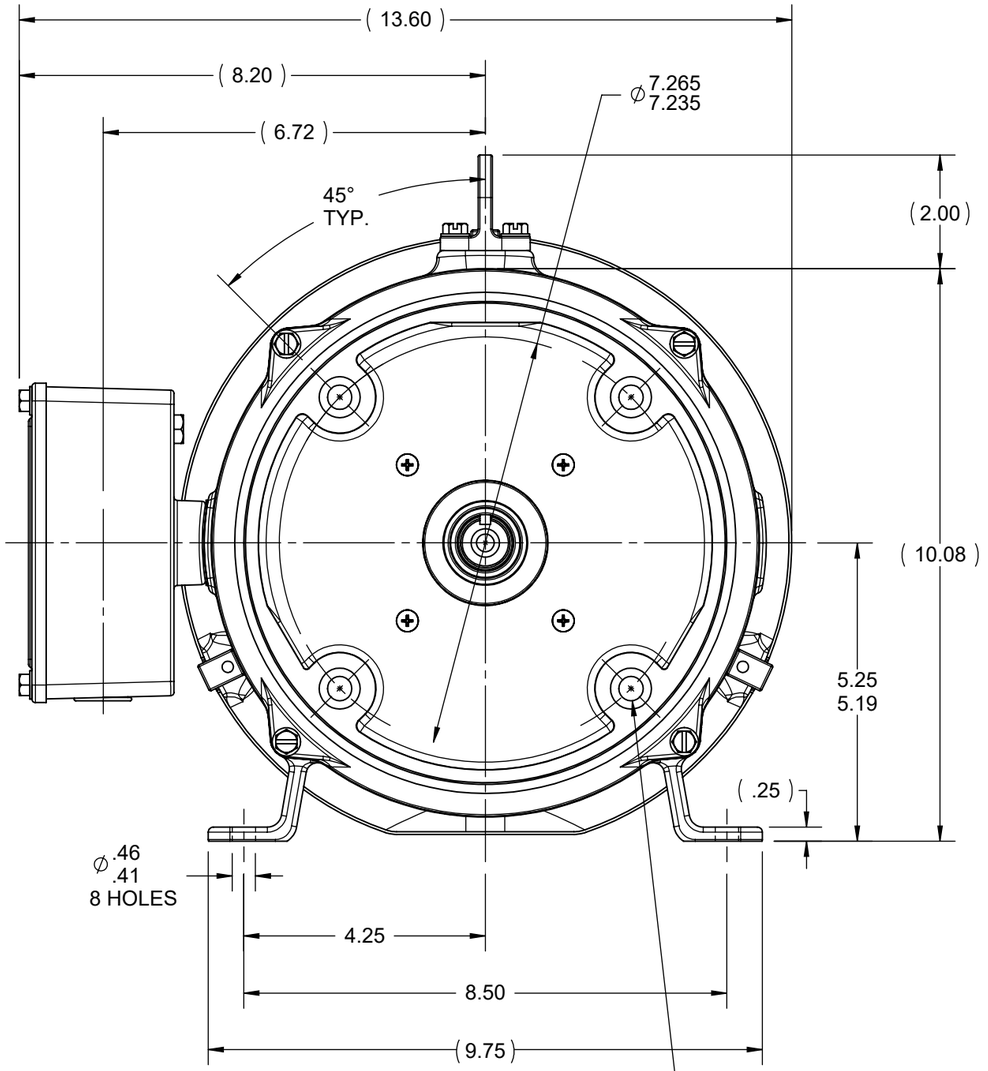
| | | | |
|---|---|---|---|
| Electrical Type | **Squirrel Cage Inverter Rated** | Starting Method | **Line Or Inverter** |
| Poles | **4** | Rotation | **Reversible** |
| Resistance Main | **1.18 O** | Mounting | **Rigid Base** |
| Motor Orientation | **Horizontal** | Drive End Bearing | **Ball** |
| Opp Drive End Bearing | **Ball** | Frame Material | **Stainless Steel** |
| Shaft Type | **JM** | Overall Length | **19.81 in** |
| Frame Length | **12.0 in** | Shaft Diameter | **1 1/4 in** |
| Shaft Extension | **4.25 in** | Assembly/Box Mounting | **F1 Only** |
| Inverter Load | **Constant 3:1** | | |

### Drawings

| | | | |
|---|---|---|---|
| Connection Drawing | **EE7308** | Outline Drawing | **037618** |

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|---|---|---|
| DRAWING REVISION: B | REVISION BY: VS | REV DATE/© DATE: 10TH DEC 24 |
| REQUEST NUMBER: NMR-0234650 | APPROVED BY: VS | DATE: 10TH DEC 24 |
| REQUEST NUMBER DESCRIPTION: VIEWS UPDATED | | |

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TOLERANCES (EXCEPT AS NOTED):

| DEC. | INCH | mm | ANGLE |
|---|---|---|---|
| .X | ±0.1 | [±3] | ±0.5° |
| .XX | ±0.03 | [±0.8] | |
| .XXX | ±0.005 | [±0.13] | |
| .XXXX | ±0.0005 | [±0.013] | |

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

| | | |
|---|---|---|
| DRAWN BY: JJK | marathon™ | |
| DATE: 07/21/04 | | |
| APPROVED BY: | DESCRIPTION: OUTLINE<br>TEFC - RIGID "C" - 213/215 FR - JM PUMP - WASHGUARD | |
| DATE: | | |
| REFERENCE: 037616 | MATERIAL: ALL STAINLESS STEEL MOTOR | PROCESS/FINISH |
| THIRD ANGLE PROJECTION | SIZE: B / DRAWING NUMBER: 037618 | SHEET: 1 OF 1 |