

# ABB BALDOR RELIANCE III

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## Customer information packet

### ECS101M0H7EF4

7.5HP, 1800RPM, 3PH, 60HZ, 184T, TEFC, N

Class - None

Division - Not Applicable

**Specifications**

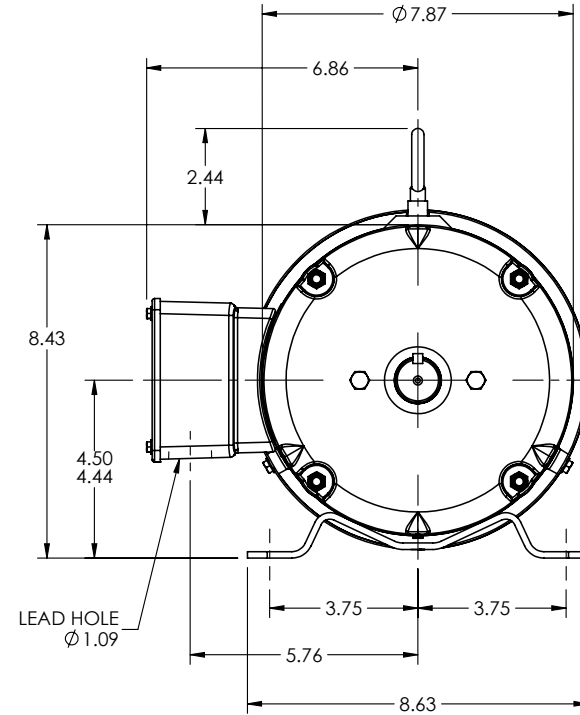
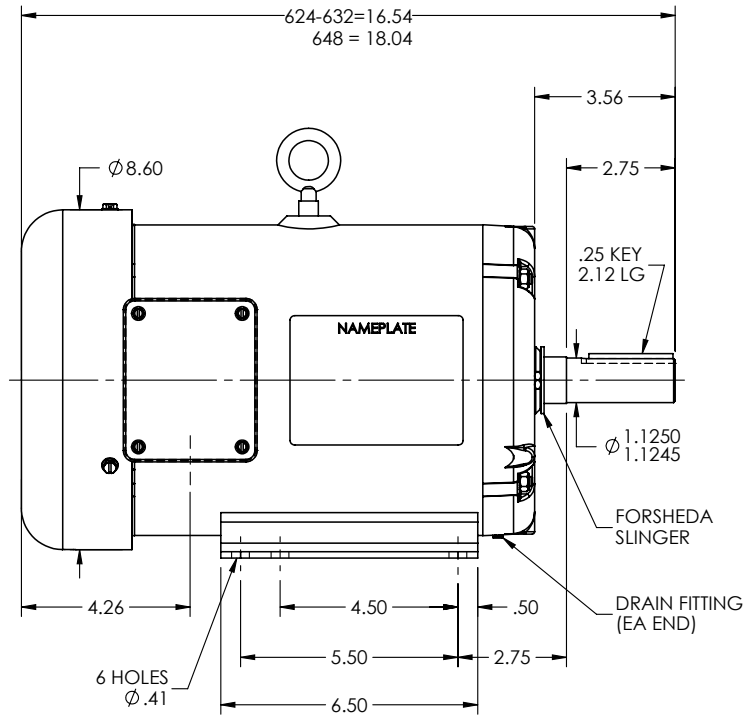
|                                |                           |
|--------------------------------|---------------------------|
| Enclosure                      | TEFC                      |
| Frame                          | 184T                      |
| Frame Material                 | Steel                     |
| Frequency                      | 60.00 Hz                  |
| Haz Area Class and Group       | None                      |
| Haz Area Division              | Not Applicable            |
| Motor Letter Type              | Three Phase               |
| Phase                          | 3                         |
| Agency Approvals               | UL                        |
|                                | WEEE                      |
| Auxiliary Box                  | NO AUXILLARY BOX          |
| Auxiliary Box Lead Termination | None                      |
| Base Indicator                 | Rigid                     |
| Bearing Grease Type            | Polyrex EM (-20F +300F)   |
| Blower                         | None                      |
| Constant Torque Speed Range    | 6                         |
| Design Code                    | B                         |
| Drip Cover                     | No Drip Cover             |
| Duty Rating                    | CONT                      |
| Electrically Isolated Bearing  | Not Electrically Isolated |
| Feedback Device                | NO FEEDBACK               |
| Front Shaft Indicator          | None                      |
| Heater Indicator               | No Heater                 |
| Insulation Class               | F                         |
| Inverter Code                  | Inverter Duty             |
| IP Rating                      | NONE                      |
| Lifting Lugs                   | Standard Lifting Lugs     |
| Locked Bearing Indicator       | Locked Bearing            |
| Motor Lead Quantity/Wire Size  | 9 @ 14 AWG                |
| Motor Lead Termination         | Flying Leads              |
| Motor Standards                | NEMA                      |
| Motor Type                     | 3648B                     |

**Part Detail**

|              |            |
|--------------|------------|
| Revision     | V          |
| Type         | AC         |
| Mech. spec.  | 36T257     |
| Base         |            |
| Status       | PRD/A      |
| Elec. spec.  | 36WGL052   |
| Layout       | 36LYT257   |
| Eff. date    | 06-16-2025 |
| CD Diagram   | CD0005     |
| Poles        | 04         |
| Leads        | 9#12       |
| Proprietary  | False      |
| Created date | 12-13-2018 |

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Mounting Arrangement</b>       | F1                  |
| <b>Number of Poles</b>            | 4                   |
| <b>Overall Length</b>             | 18.04 IN            |
| <b>Product Family</b>             | General Purpose     |
| <b>Pulley Face Code</b>           | Standard            |
| <b>Pulley Shaft Indicator</b>     | Standard            |
| <b>Rodent Screen</b>              | None                |
| <b>RoHS Status</b>                | ROHS COMPLIANT      |
| <b>Shaft Diameter</b>             | 1.125 IN            |
| <b>Shaft Ground Indicator</b>     | No Shaft Grounding  |
| <b>Shaft Rotation</b>             | Reversible          |
| <b>Shaft Slinger Indicator</b>    | No Slinger          |
| <b>Speed Code</b>                 | Single Speed        |
| <b>Starting Method</b>            | INVERTER SPECIAL    |
| <b>Thermal Device - Bearing</b>   | None                |
| <b>Thermal Device - Winding</b>   | None                |
| <b>Vibration Sensor Indicator</b> | No Vibration Sensor |
| <b>Winding Thermal 1</b>          | None                |
| <b>Winding Thermal 2</b>          | None                |

36LYT257



REV. DESC: CHANGE NAMEPLATE TO NP4246A01

REV: K VERSION: 10 REVISED: 07:22:51 10/06/2022 TDR: 000001196734



MODEL NO. 36LYT257

BY: ENALEM0

Material: -

REF: -

**BALDOR**

HOR 182-4T TEFC B EYEBOLT INT SH GND ECS

36LYT257

