

# ABB BALDOR RELIANCE III

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## Customer information packet

EJPM2513T

15HP, 1765RPM, 3PH, 60HZ, 254JP, 3948M, OPSB, F

Class - None

Division - Not Applicable

**Specifications**

|                                       |  |
|---------------------------------------|--|
| <b>Enclosure</b>                      | OPSB   |
| <b>Frame</b>                          | 254JP  |
| <b>Frame Material</b>                 | Steel  |
| <b>Frequency</b>                      | 60.00 Hz   |
| <b>Haz Area Class and Group</b>       | None   |
| <b>Haz Area Division</b>              | Not Applicable   |
| <b>Motor Letter Type</b>              | Three Phase  |
| <b>Output @ Frequency</b>             | 15.000 HP @ 60 HZ  |
| <b>Phase</b>                          | 3  |
| <b>Synchronous Speed @ Frequency</b>  | 1800 RPM @ 60 HZ   |
| <b>Voltage @ Frequency</b>            | 230.0 V @ 60 HZ<br>460.0 V @ 60 HZ                             |
| <b>Agency Approvals</b>               | CSA EEV<br>NEMA PREMIUM<br>UR                                  |
| <b>Ambient Temperature</b>            | 40 °C  |
| <b>Auxiliary Box</b>                  | NO AUXILLARY BOX   |
| <b>Auxiliary Box Lead Termination</b> | None   |
| <b>Base Indicator</b>                 | Rigid  |
| <b>Bearing Grease Type</b>            | Polyrex EM (-20F +300F)  |
| <b>Blower</b>                         | None   |
| <b>Current @ Voltage</b>              | 18.000 A @ 460.0 V<br>36.000 A @ 230.0 V<br>38.000 A @ 208.0 V |
| <b>Design Code</b>                    | A  |
| <b>Drip Cover</b>                     | No Drip Cover  |
| <b>Duty Rating</b>                    | CONT   |
| <b>Efficiency @ 100% Load</b>         | 93.0 %   |
| <b>Electrically Isolated Bearing</b>  | Not Electrically Isolated                                      |
| <b>Feedback Device</b>                | NO FEEDBACK  |
| <b>Heater Indicator</b>               | No Heater  |
| <b>High Voltage Full Load Amps</b>    | 18.0 a   |

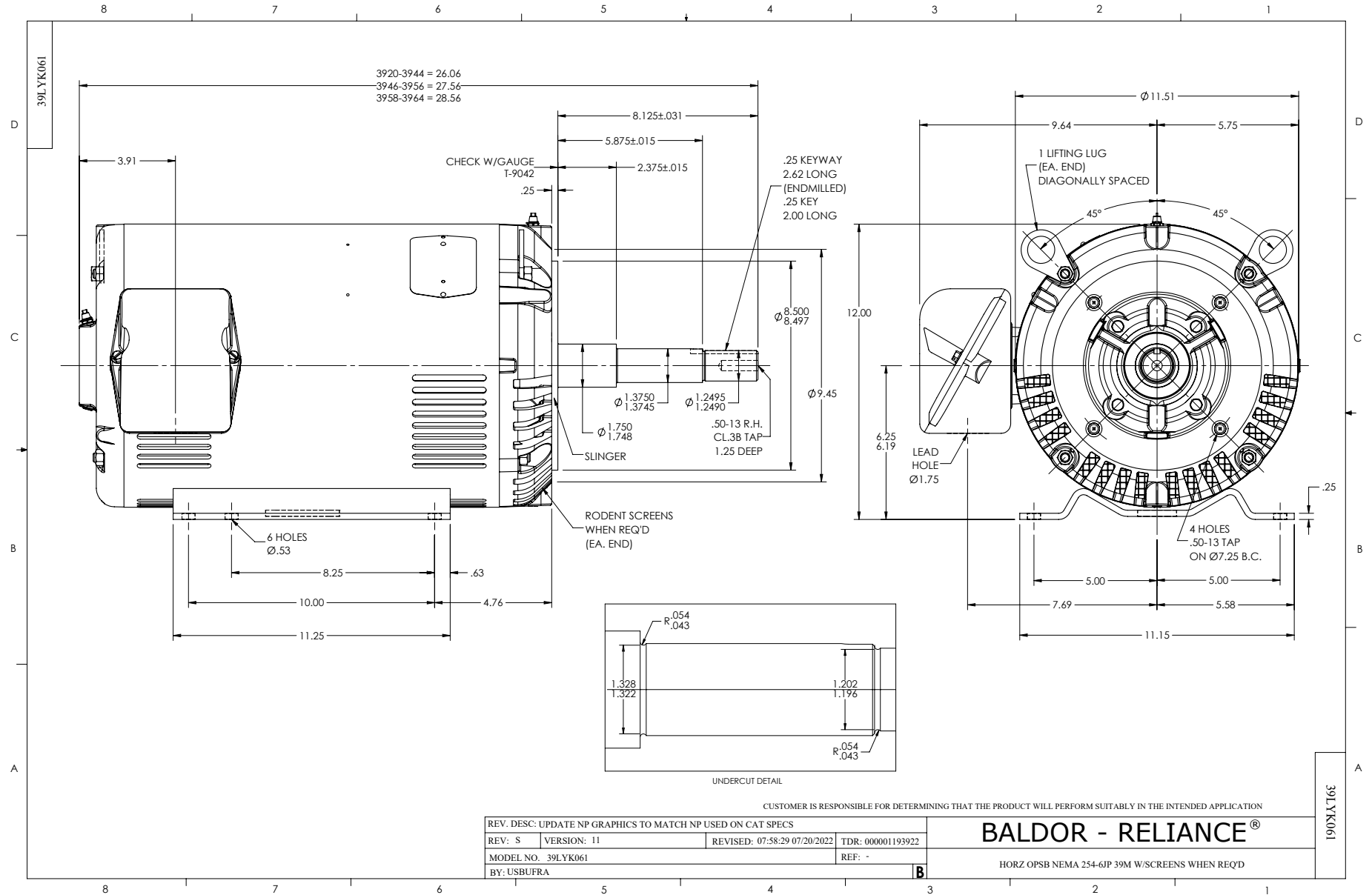
**Part Detail**

|                     |            |
|---------------------|------------|
| <b>Revision</b>     | P          |
| <b>Type</b>         | AC         |
| <b>Mech. spec.</b>  |            |
| <b>Base</b>         |            |
| <b>Status</b>       | PRD/A      |
| <b>Elec. spec.</b>  | 39WGY375   |
| <b>Layout</b>       | 39LYK061   |
| <b>Eff. date</b>    | 08-13-2025 |
| <b>CD Diagram</b>   | CD0180     |
| <b>Poles</b>        | 04         |
| <b>Leads</b>        | 9#12       |
| <b>Proprietary</b>  | False      |
| <b>Created date</b> | 02-26-2021 |

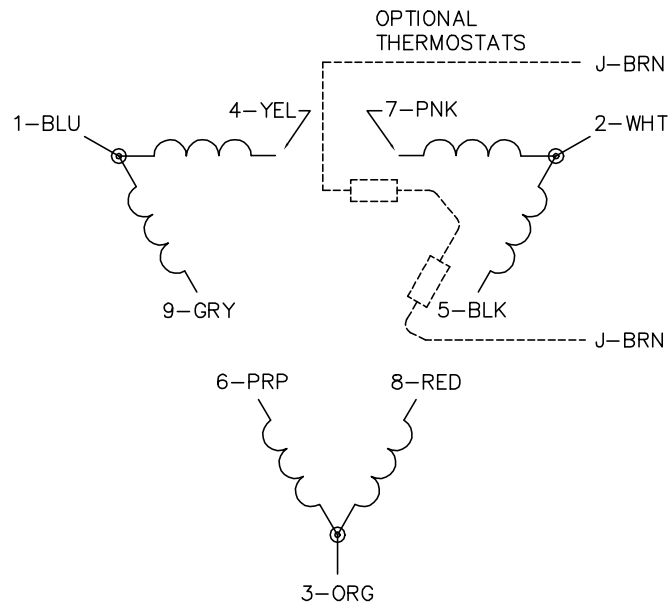
|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Insulation Class</b>           | F                     |
| <b>Inverter Code</b>              | Inverter Ready        |
| <b>KVA Code</b>                   | G                     |
| <b>Lifting Lugs</b>               | Standard Lifting Lugs |
| <b>Locked Bearing Indicator</b>   | Locked Bearing        |
| <b>Motor Lead Termination</b>     | Flying Leads          |
| <b>Motor Standards</b>            | NEMA                  |
| <b>Motor Type</b>                 | 3948M                 |
| <b>Mounting Arrangement</b>       | F1                    |
| <b>Number of Poles</b>            | 4                     |
| <b>Overall Length</b>             | 27.56 IN              |
| <b>Power Factor</b>               | 85                    |
| <b>Product Family</b>             | General Purpose       |
| <b>Pulley Face Code</b>           | C-Face                |
| <b>Rodent Screen</b>              | Included              |
| <b>Service Factor</b>             | 1.15                  |
| <b>Shaft Diameter</b>             | 1.250 IN              |
| <b>Shaft Ground Indicator</b>     | No Shaft Grounding    |
| <b>Shaft Rotation</b>             | Reversible            |
| <b>Speed</b>                      | 1765 rpm              |
| <b>Speed Code</b>                 | Single Speed          |
| <b>Starting Method</b>            | Direct on line        |
| <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                  |

**Nameplate**

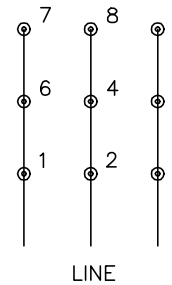
| <b>NP1259LUA</b>      |                           |             |      |            |           |              |   |  |       |  |
|-----------------------|---------------------------|-------------|------|------------|-----------|--------------|---|--|-------|--|
| <b>CAT.NO.</b>        | EJPM2513T                 |             |      |            |           |              |   |  |       |  |
| <b>SPEC.</b>          | 39-0000-0384              |             |      |            |           |              |   |  |       |  |
| <b>HP</b>             | 15                        |             |      |            |           |              |   |  |       |  |
| <b>VOLTS</b>          | 230/460                   |             |      |            |           |              |   |  |       |  |
| <b>AMPS</b>           | 36.4/18.2                 |             |      |            |           |              |   |  |       |  |
| <b>R.P.M.</b>         | 1770                      |             |      |            |           |              |   |  |       |  |
| <b>FRAME</b>          | 254JP                     | <b>HZ</b>   | 60   |            | <b>PH</b> | 3            |   |  |       |  |
| <b>SER.F.</b>         | 1.15                      | <b>CODE</b> | J    | <b>DES</b> | A         | <b>CLASS</b> | F |  |       |  |
| <b>NEMA NOM. EFF.</b> | 93                        | <b>P.F.</b> | 83   |            |           |              |   |  |       |  |
| <b>RATING</b>         | 40C AMB-CONT              |             |      |            |           |              |   |  |       |  |
| <b>CC</b>             | 010A                      |             |      |            |           |              |   |  |       |  |
| <b>DE</b>             | 6309                      | <b>ODE</b>  | 6208 |            |           |              |   |  |       |  |
| <b>ENCL</b>           | OPSB                      | <b>SN</b>   |      |            |           |              |   |  |       |  |
| <b>USABLE AT</b>      | 50HZ 15HP 190/380V 42/21A |             |      |            |           |              |   |  | SF1.0 |  |



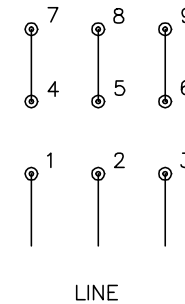
CD0180



LOW VOLTAGE  
(2D)



HIGH VOLTAGE  
(1D)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

|                                   |                                |                   |
|-----------------------------------|--------------------------------|-------------------|
| REV. DESC: ADD CLASS CONN00000007 |                                |                   |
| REV. LTR: D                       | VERSION: 01                    | TDR: 000001099922 |
| FILE: \AAA\00005\148              | REVISED: 10: 25: 29 02/19/2019 | BY: ENBRIRO       |
| MTL: -                            | © □                            |                   |

**BALDOR - RELIANCE®**

3PH, DV, 9 LEADS, DELTA CONNECTION

SH 1 of 1