

ABB BALDOR RELIANCE III

Customer information packet

EJMM2506T

7.5HP, 1180RPM, 3PH, 60HZ, 254JM, 3950M, OPSB

Class - None

Division - Not Applicable

Specifications

| | |
|---------------------------------------|--|
| Enclosure | OPSB |
| Frame | 254JM |
| Frame Material | Steel |
| Frequency | 60.00 Hz |
| Haz Area Class and Group | None |
| Haz Area Division | Not Applicable |
| Motor Letter Type | Three Phase |
| Output @ Frequency | 7.500 HP @ 60 HZ |
| Phase | 3 |
| Synchronous Speed @ Frequency | 1200 RPM @ 60 HZ |
| Voltage @ Frequency | 230.0 V @ 60 HZ 460.0 V @ 60 HZ |
| Agency Approvals | CSA EEV NEMA PREMIUM UR |
| Ambient Temperature | 40 °C |
| Auxiliary Box | NO AUXILLARY BOX |
| Auxiliary Box Lead Termination | None |
| Base Indicator | Rigid |
| Bearing Grease Type | Polyrex EM (-20F +300F) |
| Blower | None |
| Current @ Voltage | 11.400 A @ 460.0 V 22.800 A @ 230.0 V 24.000 A @ 208.0 V |
| Design Code | A |
| Drip Cover | No Drip Cover |
| Duty Rating | CONT |
| Efficiency @ 100% Load | 90.2 % |
| Electrically Isolated Bearing | Not Electrically Isolated |
| Feedback Device | NO FEEDBACK |
| Heater Indicator | No Heater |
| High Voltage Full Load Amps | 11.4 a |

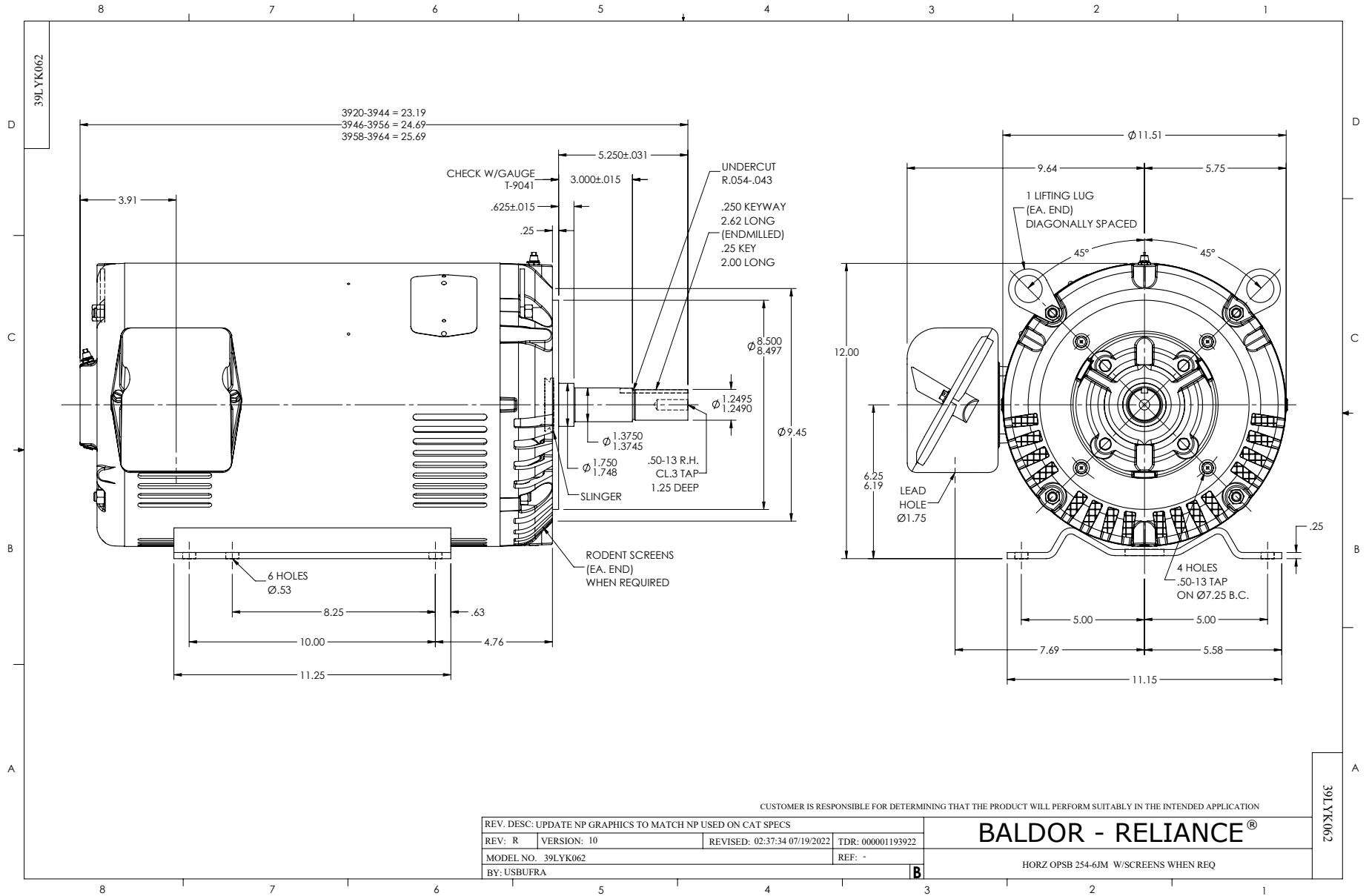
Part Detail

| | |
|---------------------|------------|
| Revision | H |
| Type | AC |
| Mech. spec. | |
| Base | |
| Status | PRD/A |
| Elec. spec. | 39WGX747 |
| Layout | 39LYK062 |
| Eff. date | 06-26-2024 |
| CD Diagram | CD0180 |
| Poles | 06 |
| Leads | 9#12 |
| Proprietary | False |
| Created date | 02-12-2021 |

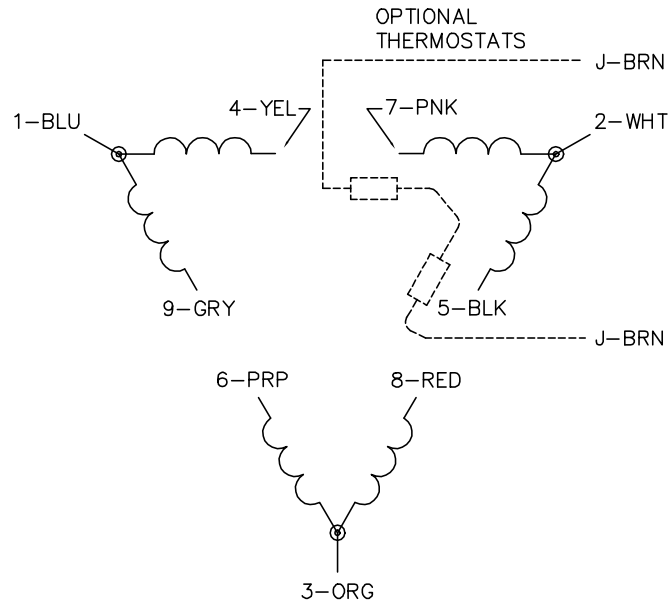
| | |
|-----------------------------------|-----------------------|
| Insulation Class | F |
| Inverter Code | Inverter Ready |
| KVA Code | K |
| Lifting Lugs | Standard Lifting Lugs |
| Locked Bearing Indicator | Locked Bearing |
| Motor Lead Termination | Flying Leads |
| Motor Standards | NEMA |
| Motor Type | 3950M |
| Mounting Arrangement | F1 |
| Number of Poles | 6 |
| Overall Length | 24.69 IN |
| Power Factor | 68 |
| Product Family | General Purpose |
| Pulley Face Code | C-Face |
| Rodent Screen | Included |
| Service Factor | 1.15 |
| Shaft Diameter | 1.250 IN |
| Shaft Ground Indicator | No Shaft Grounding |
| Shaft Rotation | Reversible |
| Speed | 1180 rpm |
| Speed Code | Single Speed |
| Starting Method | Direct on line |
| Thermal Device - Bearing | None |
| Thermal Device - Winding | None |
| Vibration Sensor Indicator | No Vibration Sensor |
| Winding Thermal 1 | None |
| Winding Thermal 2 | None |

Nameplate

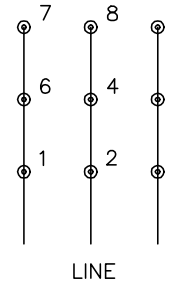
| NP1259LUA | |
|-----------------------|--|
| CAT.NO. | EJMM2506T |
| SPEC. | 39-0000-0374 |
| HP | 7.5 |
| VOLTS | 230/460 |
| AMPS | 22.8/11.4 |
| R.P.M. | 1180 |
| FRAME | 254JM HZ 60 PH 3 |
| SER.F. | 1.15 CODE K DES A CLASS F |
| NEMA NOM. EFF. | 90.2 P.F. 68 |
| RATING | 40C AMB-CONT |
| CC | 010A |
| DE | 6309 ODE 6208 |
| ENCL | OPSB SN |
| USABLE AT | 50HZ 7.5HP 190/380V 26.4/13.2A SF1.0 |



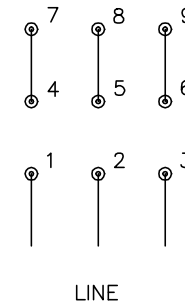
CD0180



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

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| 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

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