

ABB BALDOR RELIANCE III



Customer information packet

1454

7.5HP, 1500/1800RPM, 3PH, 50/60HZ, 3744M

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7/7/2026 10:20:54 PM

Specifications

| | |
|--------------------------------------|--|
| Enclosure | TENV |
| Frame Material | Steel |
| Frequency | 50.00 Hz 60.00 Hz 50.00 Hz 60.00 Hz |
| Motor Letter Type | Three Phase |
| Nameplate Output | 7.5 |
| Number of Poles | 4 4 |
| Output @ Frequency | 7.500 HP @ 60 HZ 7.500 HP @ 50 HZ |
| Phase | 3 3 |
| Product Style | GRINDER |
| Speed | 1500 rpm 1800 rpm 1500 rpm 1800 rpm |
| Synchronous Speed @ Frequency | 1800 RPM @ 60 HZ |
| Voltage | 208 V 230 V 460 V |
| Voltage @ Frequency | 460.0 V @ 60 HZ 460.0 V @ 50 HZ 230.0 V @ 60 HZ 208.0 V @ 50 HZ 208.0 V @ 60 HZ 230.0 V @ 50 HZ |
| Agency Approvals | UR CSA |
| Ambient Temperature | 40 °C |
| Base Indicator | Rigid |

Part Detail

| | |
|---------------------|------------------------|
| Revision | AA |
| Type | AC |
| Mech. spec. | G14-117 |
| Base | |
| Status | PRD/A |
| Elec. spec. | G4WG0037 |
| Layout | G4LY0117 |
| Eff. date | 08-24-2022 |
| CD Diagram | CD0258 |
| Poles | 04 |
| Leads | 9#14 11"FROM ENDTURN Y |
| Proprietary | False |
| Created date | 01-01-0001 |

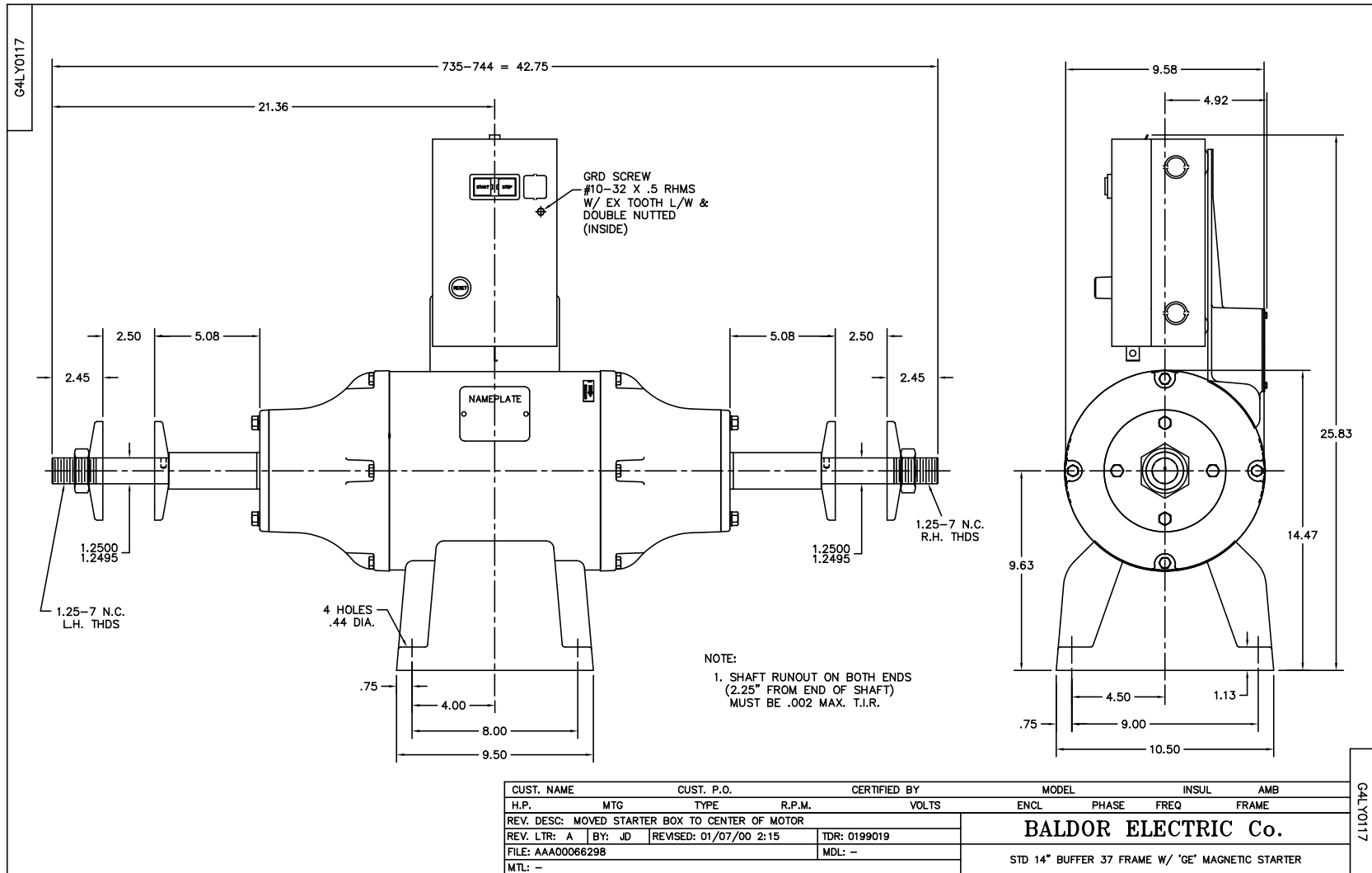
| | |
|--------------------------------------|--|
| Current @ Voltage | 22.000 A @ 208.0 V 10.000 A @ 230.0 V |
| Design Code | B |
| Duty Rating | CONT |
| Insulation Class | B |
| KVA Code | H |
| Motor Lead Quantity/Wire Size | 9 @ 14 AWG |
| Motor Standards | Other |
| Motor Type | 3744M |
| Mounting Arrangement | F1 |
| Product Family | Buffer |
| Service Factor | 1.00 |
| Shaft Extension Location | Double Shaft |
| Shaft Rotation | Phase Seq-Opp Std Rot (CWOE) |
| Speed Code | Single Speed |
| Starting Method | Direct on line |

Nameplate

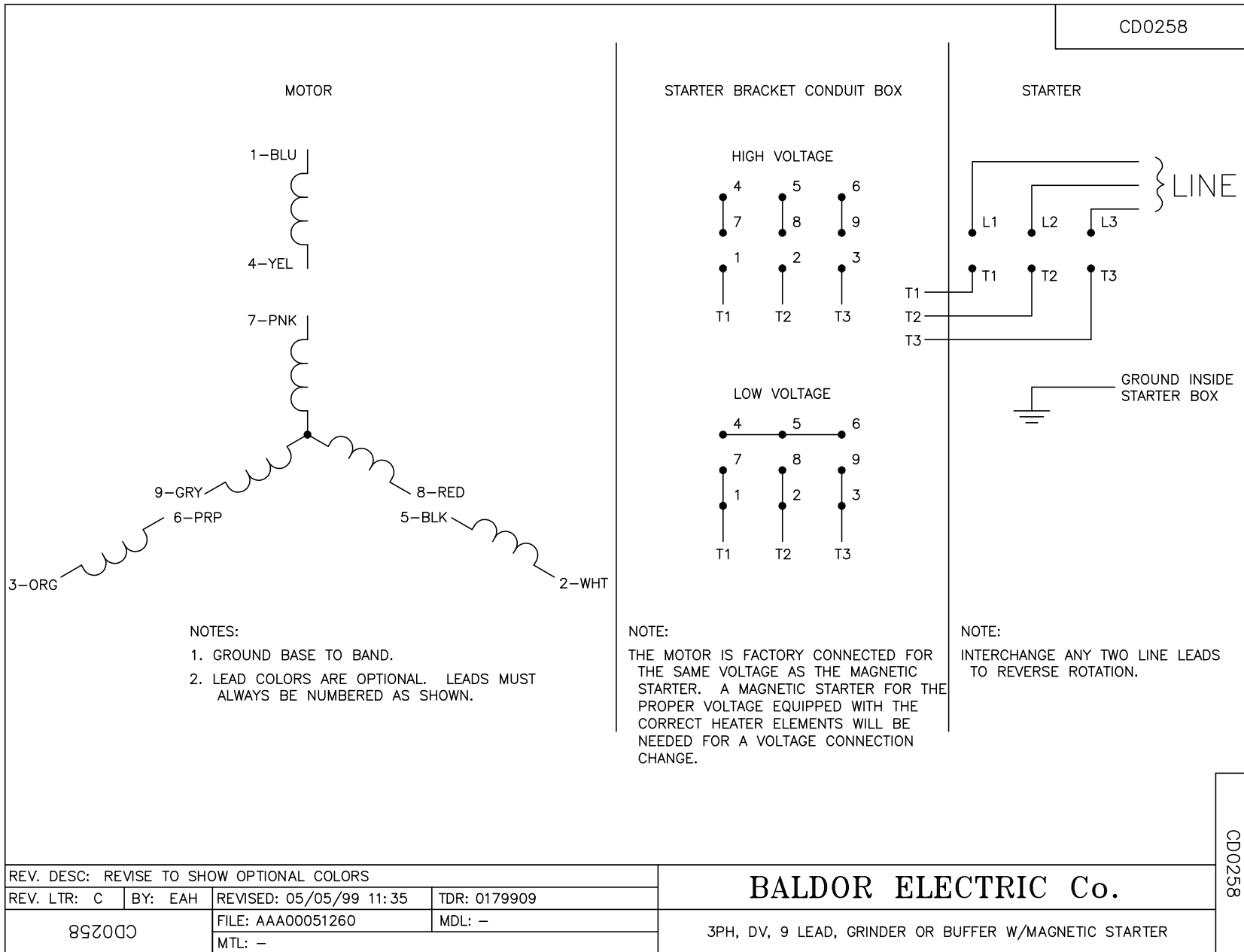
| NP3411L | | | |
|----------------|-----------------|--------------|------------|
| CAT.NO. | 1454 | | |
| HP | 7.5 | VOLTS | 230 |
| PHASE | 3 | AMPS | 20 |
| HZ | 50//60 | RPM | 1500//1800 |
| SER.NO | | | |
| SPEC. | G14-117A-0037G1 | | |
| BLANK | | | |

Accessories

| Part number | Description | Multiplier |
|--------------------|---------------------------------------|-------------------|
| GA20 | PEDESTAL INDUSTRIAL, CAST IRON 8"-14" | A8 |



CD0258



CD0258

| | | | |
|---|---------|-------------------------|--------------|
| REV. DESC: REVISE TO SHOW OPTIONAL COLORS | | | |
| REV. LTR: C | BY: EAH | REVISED: 05/05/99 11:35 | TDR: 0179909 |
| 89Z0C0 | | FILE: AAA00051260 | MDL: - |
| | | MTL: - | |

BALDOR ELECTRIC Co.

3PH, DV, 9 LEAD, GRINDER OR BUFFER W/MAGNETIC STARTER