

ABB BALDOR RELIANCE III

Customer information packet

EJMM3314T

15HP, 3485RPM, 3PH, 60HZ, 215JM, 3734M, OPSB, F

Class - None

Division - Not Applicable

Specifications

| | |
|---------------------------------------|--|
| Enclosure | OPSB |
| Frame | 215JM |
| 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 | 15.000 HP @ 60 HZ |
| Phase | 3 |
| Synchronous Speed @ Frequency | 3600 RPM @ 60 HZ |
| Voltage @ Frequency | 230.0 V @ 60 HZ 460.0 V @ 60 HZ |
| Agency Approvals | CSA 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 | 37.400 A @ 208.0 V 35.400 A @ 230.0 V 17.700 A @ 460.0 V |
| Design Code | B |
| Drip Cover | No Drip Cover |
| Duty Rating | CONT |
| Efficiency @ 100% Load | 90.2 % |
| Electrically Isolated Bearing | Not Electrically Isolated |
| Feedback Device | NO FEEDBACK |
| Front Shaft Indicator | None |

Part Detail

| | |
|---------------------|------------|
| Revision | E |
| Type | AC |
| Mech. spec. | 37F784 |
| Base | |
| Status | PRD/A |
| Elec. spec. | 37WGL867 |
| Layout | 37LYF784 |
| Eff. date | 06-11-2024 |
| CD Diagram | CD0005 |
| Poles | 02 |
| Leads | 9#12 |
| Proprietary | False |
| Created date | 11-11-2020 |

| | |
|--------------------------------------|-----------------------|
| Heater Indicator | No Heater |
| High Voltage Full Load Amps | 17.7 a |
| Insulation Class | F |
| Inverter Code | Inverter Ready |
| KVA Code | G |
| Lifting Lugs | Standard Lifting Lugs |
| Locked Bearing Indicator | Locked Bearing |
| Motor Lead Quantity/Wire Size | 9 @ 12 AWG |
| Motor Lead Termination | Flying Leads |
| Motor Standards | NEMA |
| Motor Type | 3734M |
| Mounting Arrangement | F1 |
| Number of Poles | 2 |
| Overall Length | 18.19 IN |
| Power Factor | 88 |
| Product Family | General Purpose |
| Pulley End Bearing Type | Ball |
| Pulley Face Code | C-Face |
| Pulley Shaft Indicator | Tapped & Key |
| Rodent Screen | Included |
| RoHS Status | ROHS COMPLIANT |
| Service Factor | 1.15 |
| Shaft Diameter | 0.875 IN |
| Shaft Ground Indicator | No Shaft Grounding |
| Shaft Rotation | Reversible |
| Shaft Slinger Indicator | No Slinger |
| Speed | 3485 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

NP3553LUA

| | | | | | | | |
|----------------------------------|-----------------------------|-------------|------|------------|---|--------------|-------|
| CAT.NO. | EJMM3314T | | | | | | |
| SPEC. | 37F784L867G1 | | | | | | |
| HP | 15 | | | | | | |
| VOLTS | 230/460 | | | | | | |
| AMPS | 35.4/17.7 | | | | | | |
| RPM | 3485 | | | | | | |
| FRAME | 215JM | HZ | 60 | PH | 3 | | |
| SF | 1.15 | CODE | G | DES | B | CLASS | F |
| NEMA NOM. EFF | 90.2 | PF | 88 | | | | |
| RATING | 40C AMB-CONT | | | | | | |
| CC | 010A | | | | | | |
| ENCL | OPSB | SN | | | | | |
| DE | 6309 | ODE | 6206 | | | | |
| VPWM INVERTER READY | | | | | | | |
| CT30-60(2:1) VT3-60(20:1) | | | | | | | |
| USABLE AT | 50HZ 15HP 190/380V 44/22.0A | | | | | | SF1.0 |

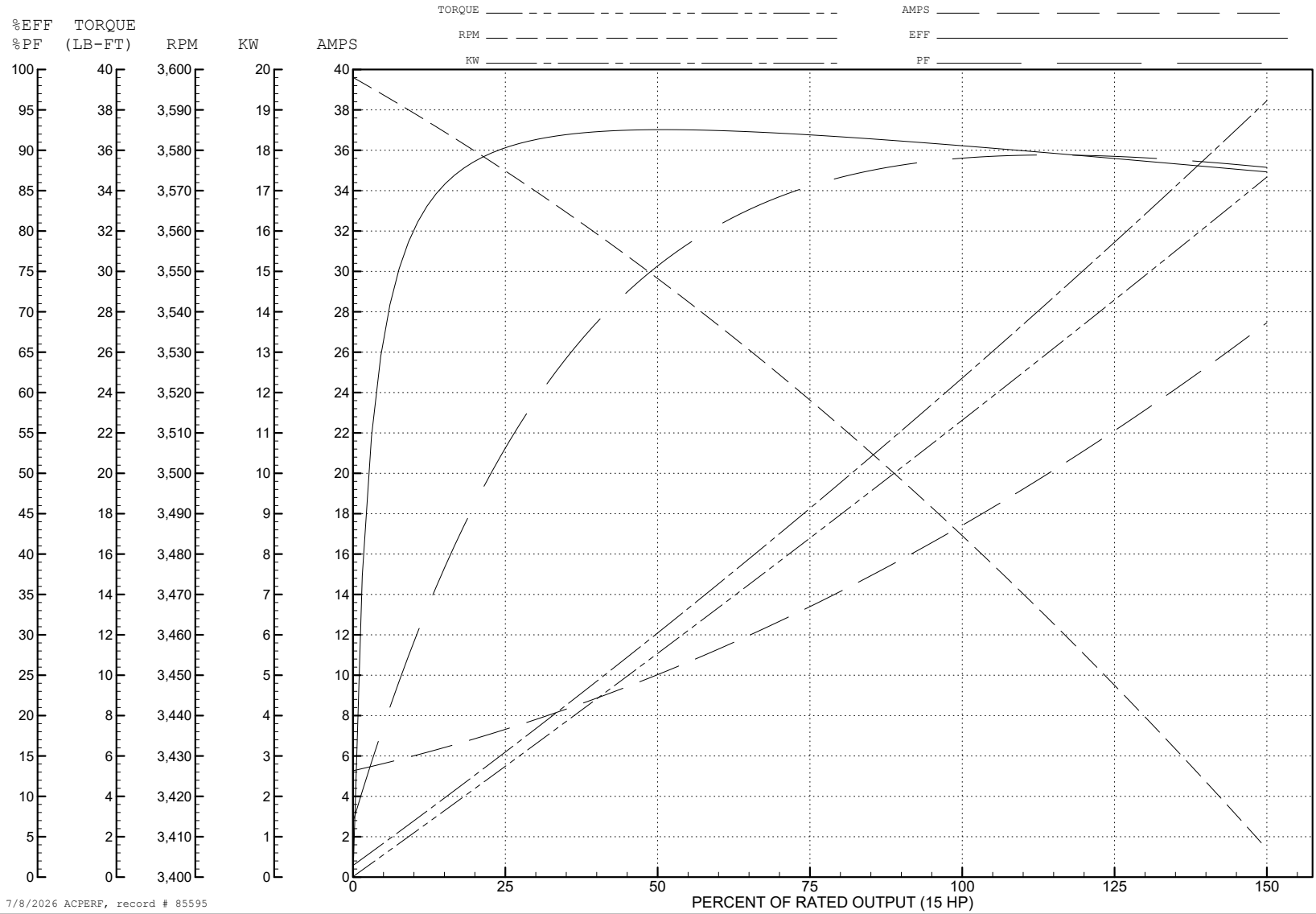
ABB Motors and Mechanical Inc.

WINDING # 37WGL867

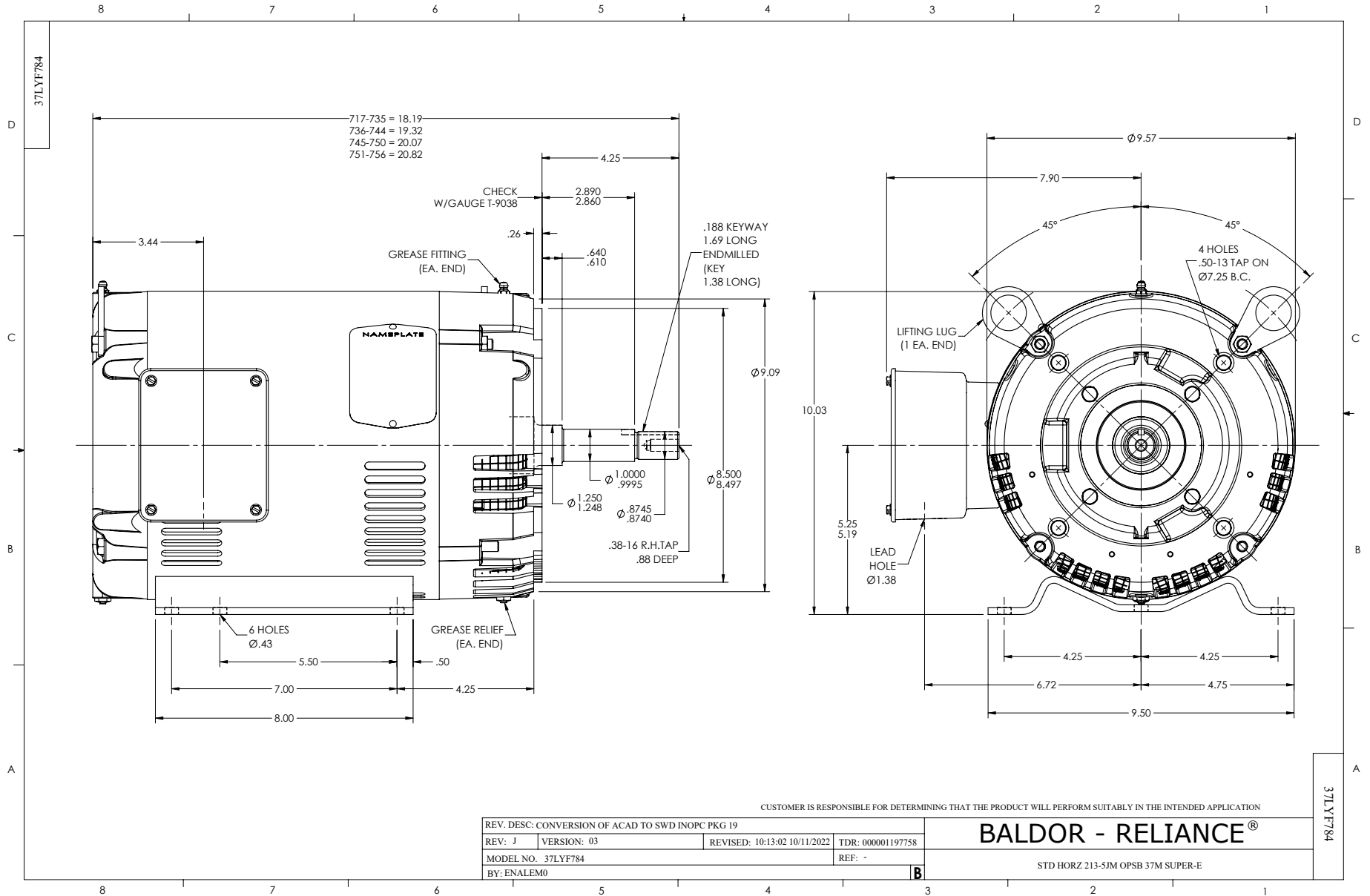
Typical performance - not guaranteed values.

15 HP 3 PH 60 HZ 3485 RPM 460 V 3734M

TORQUES (LB-FT): PO=56.5 PU=33.5 LR=39.3 LRA=109



7/8/2026 ACPERF, record # 85595



CD0005

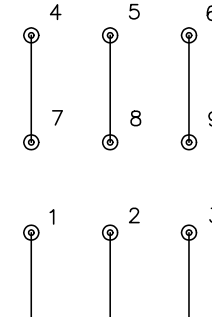


LOW VOLTAGE
(2Y)



LINE

HIGH VOLTAGE
(1Y)



LINE

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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP REVISED: 01/19/99 10:15 TDR: 0171435

500000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS