

# ABB BALDOR RELIANCE III

---

## Customer information packet

### CESWDM3714T

10HP, 1768RPM, 3PH, 60HZ, 215TC, 3750M, TEFC, F

Class - None

Division - Not Applicable

**Specifications**

|                                       |                                                                |
|---------------------------------------|----------------------------------------------------------------|
| <b>Enclosure</b>                      | TEFC                                                           |
| <b>Frame</b>                          | 215TC                                                          |
| <b>Frame Material</b>                 | Stainless 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>             | 10.000 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>               | CURUSEEV<br>NEMA PREMIUM                                       |
| <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>              | 12.400 A @ 460.0 V<br>24.800 A @ 230.0 V<br>27.000 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>         | 91.7 %                                                         |
| <b>Electrically Isolated Bearing</b>  | Not Electrically Isolated                                      |
| <b>Feedback Device</b>                | NO FEEDBACK                                                    |
| <b>Front Shaft Indicator</b>          | None                                                           |
| <b>Heater Indicator</b>               | No Heater                                                      |
| <b>High Voltage Full Load Amps</b>    | 12.4 a                                                         |

**Part Detail**

|                     |            |
|---------------------|------------|
| <b>Revision</b>     | -          |
| <b>Type</b>         | AC         |
| <b>Mech. spec.</b>  | 37H888     |
| <b>Base</b>         |            |
| <b>Status</b>       | PRD/A      |
| <b>Elec. spec.</b>  | 37WGZ711   |
| <b>Layout</b>       | 37LYH888   |
| <b>Eff. date</b>    | 11-24-2025 |
| <b>CD Diagram</b>   | CD0005     |
| <b>Poles</b>        | 04         |
| <b>Leads</b>        | 9#14       |
| <b>Proprietary</b>  | False      |
| <b>Created date</b> | 11-05-2025 |

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>Insulation Class</b>              | F                     |
| <b>Inverter Code</b>                 | Inverter Ready        |
| <b>KVA Code</b>                      | K                     |
| <b>Lifting Lugs</b>                  | Standard Lifting Lugs |
| <b>Locked Bearing Indicator</b>      | Locked Bearing        |
| <b>Motor Lead Quantity/Wire Size</b> | 9 @ 14 AWG            |
| <b>Motor Lead Termination</b>        | Flying Leads          |
| <b>Motor Standards</b>               | NEMA                  |
| <b>Motor Type</b>                    | 3750M                 |
| <b>Mounting Arrangement</b>          | F1                    |
| <b>Number of Poles</b>               | 4                     |
| <b>Overall Length</b>                | 20.47 IN              |
| <b>Power Factor</b>                  | 85                    |
| <b>Product Family</b>                | Wash Down Paint Free  |
| <b>Pulley End Bearing Type</b>       | Sealed Bearing        |
| <b>Pulley Face Code</b>              | C-Face                |
| <b>Pulley Shaft Indicator</b>        | Standard              |
| <b>Rodent Screen</b>                 | None                  |
| <b>Service Factor</b>                | 1.15                  |
| <b>Shaft Diameter</b>                | 1.375 IN              |
| <b>Shaft Ground Indicator</b>        | No Shaft Grounding    |
| <b>Shaft Rotation</b>                | Reversible            |
| <b>Shaft Slinger Indicator</b>       | Shaft Slinger         |
| <b>Speed</b>                         | 1768 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

| NP1669L      |               |      |     |     |   |       |    |   |  |
|--------------|---------------|------|-----|-----|---|-------|----|---|--|
| CAT.NO.      | CESWDM3714T   |      |     |     |   |       |    |   |  |
| SPEC.        | 37H888Z711    |      |     |     |   |       |    |   |  |
| HP           | 10            |      |     |     |   |       |    |   |  |
| VOLTS        | 230/460       |      |     |     |   |       |    |   |  |
| AMP          | 24.8/12.4     |      |     |     |   |       |    |   |  |
| RPM          | 1768          |      |     |     |   |       |    |   |  |
| FRAME        | 215TC         |      | HZ  | 60  |   |       | PH | 3 |  |
| SER.F.       | 1.15          | CODE | K   | DES | A | CLASS | F  |   |  |
| NEMA-NOM-EFF | 91.7          | PF   | 85  |     |   |       |    |   |  |
| RATING       | 40C AMB-CONT  |      |     |     |   |       |    |   |  |
| CC           | 010A          |      |     |     |   |       |    |   |  |
| DE           | 6307          |      | ODE |     |   |       |    |   |  |
| ENCL         | TEFC          | SN   |     |     |   |       |    |   |  |
| BLANK        | SFA 28.2/14.1 |      |     |     |   |       |    |   |  |

**Parts List**

| Part number   | Description                              | Quantity |
|---------------|------------------------------------------|----------|
| SA443071      | SA 37H888Z711                            | 1.000 ea |
| RA435567      | RA 37H888Z711                            | 1.000 ea |
| HW3200S01     | EYEBOLT 3/8-16 X3/4 S.S. TDR #35988      | 1.000 ea |
| 37CB3005A04MU | K.O. BOX-MODEL 37 .75 NPT LEAD           | 1.000 ea |
| 37GS1025      | 37 MOLDED GASKET W/LIP, LEAD SEAL        | 1.000 ea |
| 51XW2520A12   | .25-20 X .75, TAPTITE II, HEX WSHR SLTD  | 2.000 ea |
| HA5027A04     | HA4054 T-DRAIN X2 BAGGED                 | 1.000 ea |
| 11XW1032G06   | 10-32 X .38, TAPTITE II, HEX WSHR SLTD U | 1.000 ea |
| 37EP3101A49MU | FR EP 37 L & M TEFC (FOR S.P. #9D)       | 1.000 ea |
| HW4500S33     | 1/8 NPT STAINLESS #304 SS PLUG           | 3.000 ea |
| HW5100A06     | W2420-025 WVY WSHR (WB)                  | 1.000 ea |
| 37EP3300A25MU | FACE MT EP-ENCL-307 BRG-213TC-215TC NO G | 1.000 ea |
| HW4500S33     | 1/8 NPT STAINLESS #304 SS PLUG           | 3.000 ea |
| HW4606A04     | JM CLIPPER/SEAL (LWE-1376-2125-AL45)     | 1.000 ea |
| 10XN2520S30   | 1/4-20 X 1 7/8 HEX HEAD SS               | 4.000 ea |
| XY3118S12     | 5/16-18 HEX NUT, STAINLESS STEEL         | 4.000 ea |
| 51XB1214A20   | 12-14X1.25 HWSSLD SERTYB                 | 1.000 ea |
| 37FH4000A45   | STAINLESS FAN COVER, NO GREASER SLOT (FO | 1.000 ea |
| 11XW1032S06   | 10-32 X .38, TAPTITE II, HEX WSHR SLTD U | 3.000 ea |
| 37CB4514      | 37 CB LID - STAINLESS STEEL              | 1.000 ea |
| 37GS1008A02   | 37 GS FOR CB LID - WHITE NEOPRENE        | 1.000 ea |
| 59XW0832S07   | TAPTITE II,HEX WSHR UNSLTD SER,410 S.S., | 4.000 ea |
| HW4600B74     | V-RING SLINGER 1.125 X 1.445 X .24 VITON | 1.000 ea |
| HW2502F21     | #303 SS,SQ KEY 5/16 X 2.375              | 1.000 ea |
| HA7000A02     | KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA  | 1.000 ea |
| MJ5001A02     | 732 CL SEALANT 3 OZ DIXIE BEARING 289100 | 0.001 ea |
| 85XU0407S04   | 4X1/4 U DRIVE PIN STAINLESS              | 2.000 ea |
| LB1164        | LABEL,WARNING AND DRAIN                  | 1.000 ea |
| MJ1000A02     | GREASE, POLYREX EM EXXON                 | 0.050 lb |
| 37FN3002C01   | EXFN, PLASTIC, 6.00 OD, 1.155 ID         | 1.000 ea |
| HA3104S18     | THRU BOLT STAINLESS ST. .31-18 UNC-2A X  | 4.000 ea |

|          |                                          |          |
|----------|------------------------------------------|----------|
| LC0005   | CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING  | 1.000 ea |
| NP1669L  | SS WD SUPER-E UL PREM REV MTG            | 1.000 ea |
| 37PA1074 | PALLET PACK GRP, PRINT BOX PK1026A06     | 1.000 ea |
| MN416A01 | TAG-INSTAL-MAINT no wire (2500 bx)11/25  | 1.000 ea |
| LB1624   | COMBINED WARNING LABEL, ISO/ANSI PICTOGR | 1.000 ea |

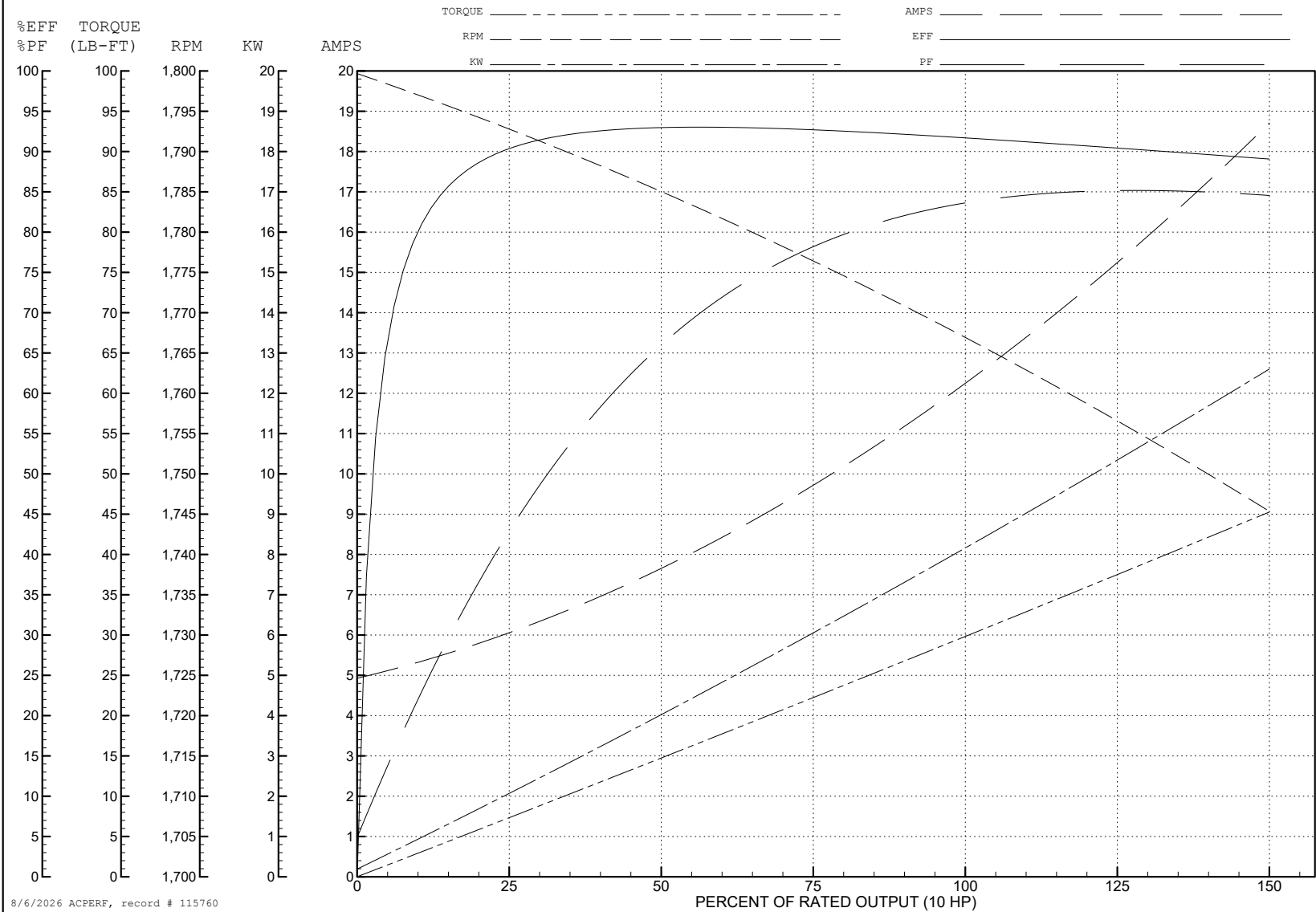
ABB Motors and Mechanical Inc.

WINDING # 37WGZ711

Typical performance - not guaranteed values.

10 HP 3 PH 60 HZ 1768 RPM 460 V 3750M

TORQUES (LB-FT): PO=93.4 PU=44.7 LR=55.5 LRA=90.5



8/6/2026 ACPERF, record # 115760

