ABB BALDOR RELIANCE

# Customer information packet

## EWDM3607T

1.5HP, 1165RPM, 3PH, 60HZ, 182T, TEFC, F1

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11/17/2026 4:11:27 PM

**Part Detail**

| | |
|---|---|
| **Revision** | C |
| **Type** | AC |
| **Mech. spec.** | |
| **Base** | |
| **Status** | PRD/A |
| **Elec. spec.** | 36WGS916 |
| **Layout** | 36LYK186 |
| **Eff. date** | 11-20-2025 |
| **CD Diagram** | CD0005 |
| **Poles** | 06 |
| **Leads** | 9#16 |
| **Proprietary** | False |
| **Created date** | 01-06-2020 |

**Nameplate**

| NP1669L | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CAT.NO.** | EWDM3607T | | | | | | | | | | |
| **SPEC.** | 36-0000-0263 | | | | | | | | | | |
| **HP** | 1.5 | | | | | | | | | | |
| **VOLTS** | 230/460 | | | | | | | | | | |
| **AMP** | 4.8/2.4 | | | | | | | | | | |
| **RPM** | 1165 | | | | | | | | | | |
| **FRAME** | 182T | | **HZ** | 60 | | | | **PH** | 3 | | |
| **SER.F.** | 1.15 | **CODE** | K | **DES** | B | **CLASS** | | F | | | |
| **NEMA-NOM-EFF** | 87.5 | **PF** | 67 | | | | | | | | |
| **RATING** | 40C AMB-CONT | | | | | | | | | | |
| **CC** | 010A | | | | | | | | | | |
| **DE** | 6206 | | **ODE** | 6205 | | | | | | | |
| **ENCL** | TEFC | **SN** | | | | | | | | | |
| **BLANK** | 20:1CT, 20:1VT,1.00SF | | | | | | | | | | |

**AC Induction Motor Performance Data**
Record # 49238
Typical performance - not guaranteed values

| **Winding:** 36WGS916-R017 | **Type:** 3632M | **Enclosure:** TEFC |
|---|---|---|

| **Nameplate Data** | | | | **460 V, 60 Hz: High Voltage Connection** | |
|---|---|---|---|---|---|
| **Rated Output (HP)** | | | 1.5 | **Full Load Torque** | 6.85 LB-FT |
| **Volts** | | | 230/460 | **Start Configuration** | direct on line |
| **Full Load Amps** | | | 4.8/2.4 | **Breakdown Torque** | 23.8 LB-FT |
| **R.P.M.** | | | 1165 | **Pull-up Torque** | 12.5 LB-FT |
| **Hz** | 60 | **Phase** | 3 | **Locked-rotor Torque** | 15.3 LB-FT |
| **NEMA Design Code** | B | **KVA Code** | K | **Starting Current** | 15.8 A |
| **Service Factor (S.F.)** | | | 1.15 | **No-load Current** | 1.47 A |
| **NEMA Nom. Eff.** | 87.5 | **Power Factor** | 67 | **Line-line Res. @ 25ºC** | 7.12 Ω |
| **Rating - Duty** | | | 40C AMB-CONT | **Temp. Rise @ Rated Load** | 34°C |
| **S.F. Amps** | | | | **Temp. Rise @ S.F. Load** | 40°C |
| | | | | **Locked-rotor Power Factor** | 30.1 |
| | | | | **Rotor inertia** | 0.301 LB-FT2 |

**Load Characteristics 460 V, 60 Hz, 1.5 HP**

| **% of Rated Load** | **25** | **50** | **75** | **100** | **125** | **150** | **S.F.** |
|---|---|---|---|---|---|---|---|
| **Power Factor** | 30 | 48 | 59 | 67 | 71 | 74 | 69 |
| **Efficiency** | 79.3 | 86.1 | 87.8 | 87.5 | 86.6 | 85.5 | 87 |
| **Speed** | 1192 | 1185 | 1177 | 1168 | 1158 | 1148 | 1162 |
| **Line amperes** | 1.57 | 1.77 | 2.07 | 2.42 | 2.88 | 3.36 | 2.7 |

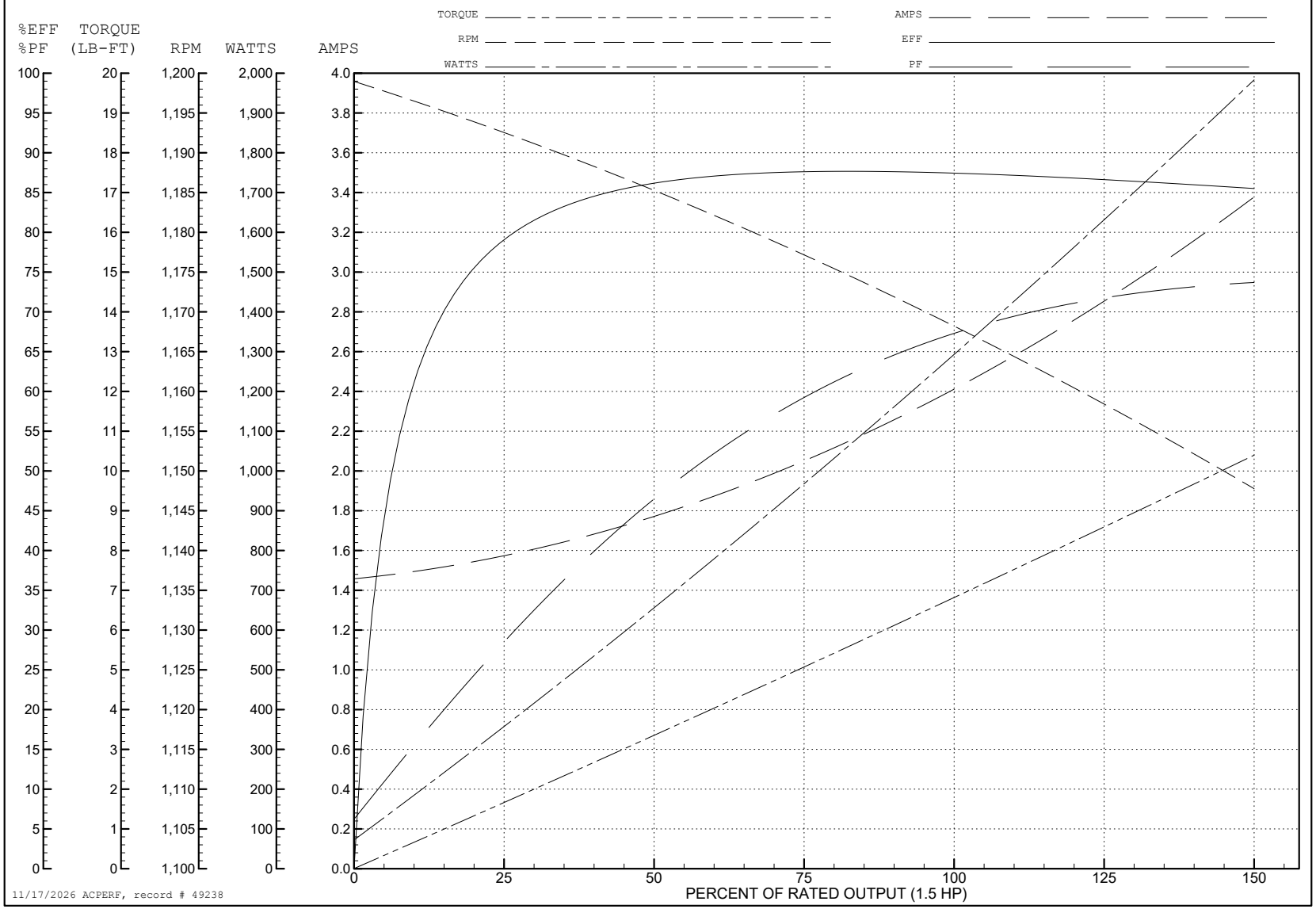
ABB Motors and Mechanical Inc.

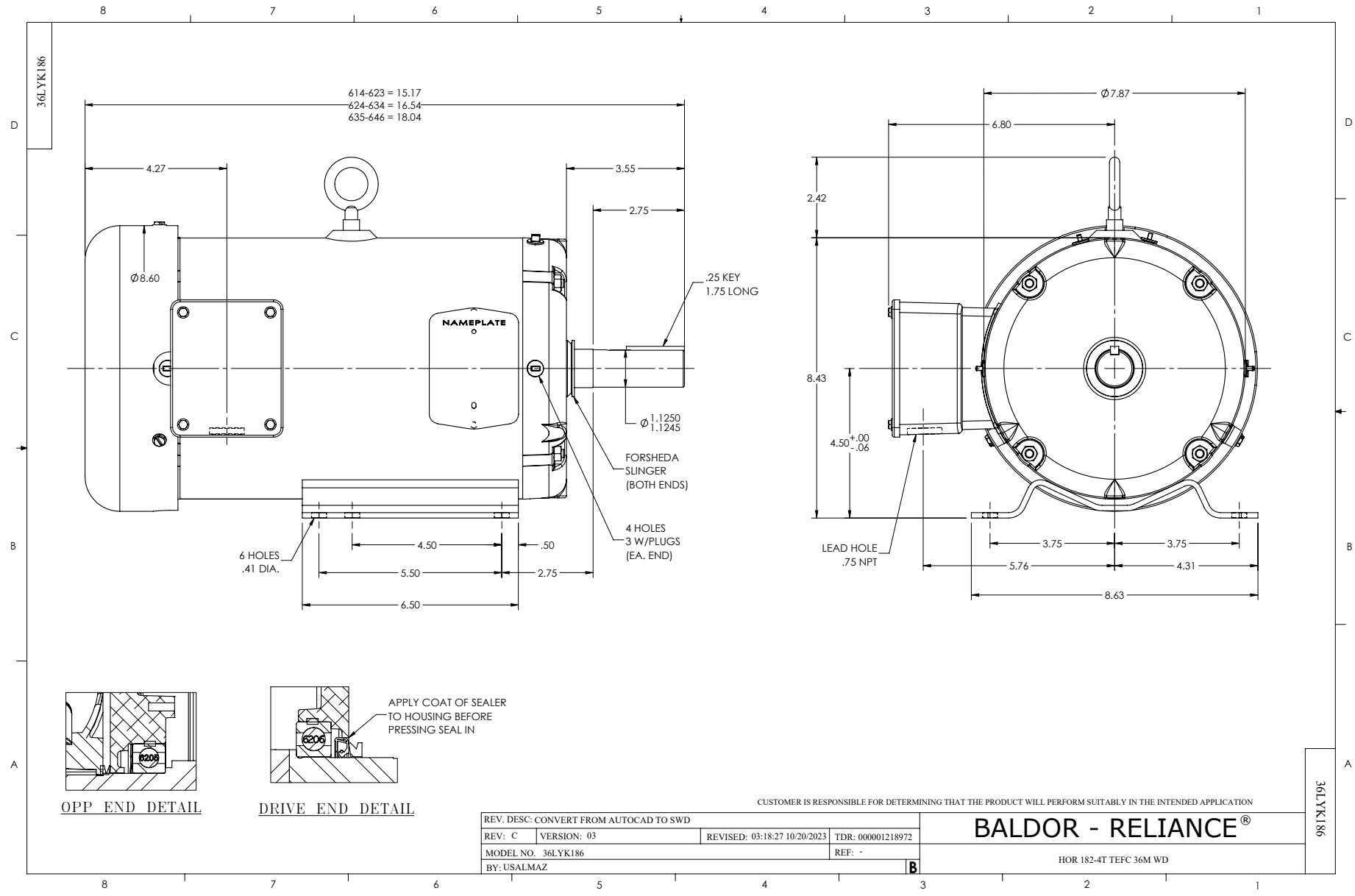
WINDING # 36WGS916

1.5 HP 3 PH 60 HZ 1165 RPM 460 V 3632M

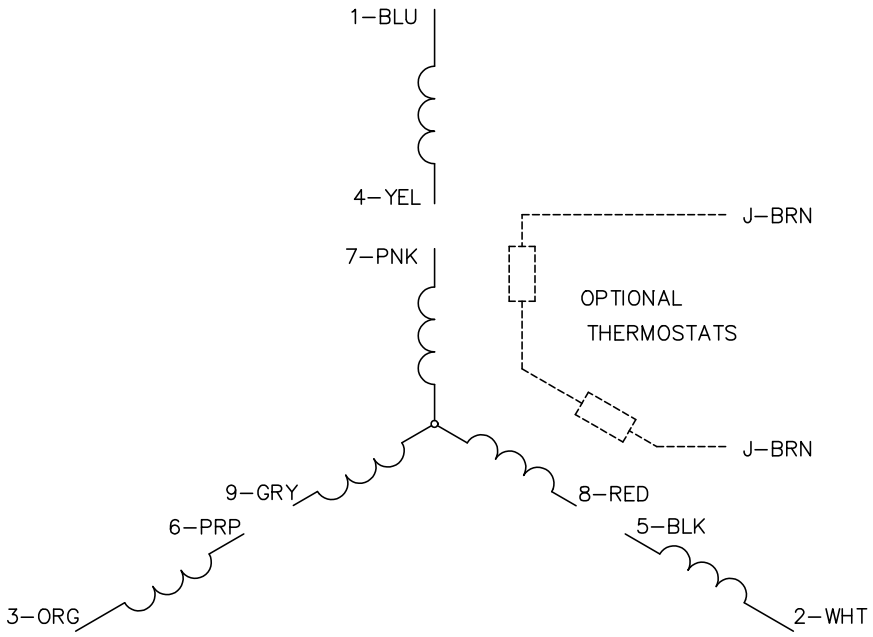
Typical performance - not guaranteed values.

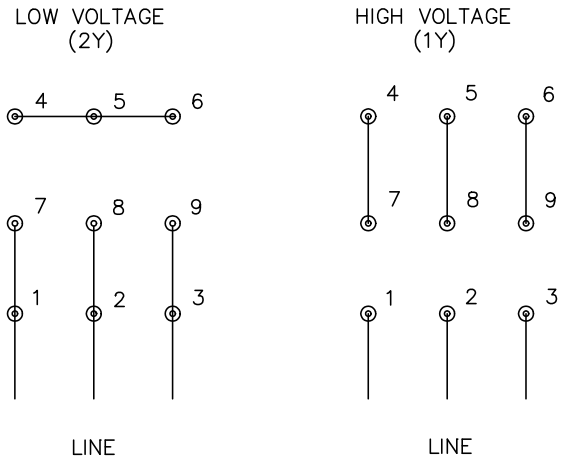
TORQUES(LB-FT): PO=23.8 PU=12.5 LR=15.3 LRA=15.8




36LYK186
614-623 = 15.17
624-634 = 16.54
635-646 = 18.04
4.27
3.55
2.75
Ø8.60
.25 KEY
1.75 LONG
NAMEPLATE
Ø1.1250
1.1245
FORSHEDA
SLINGER
(BOTH ENDS)
4 HOLES
3 W/PLUGS
(EA. END)
6 HOLES
.41 DIA.
4.50
.50
5.50
2.75
6.50
Ø7.87
6.80
2.42
8.43
4.50 +.00 -.06
LEAD HOLE
.75 NPT
3.75
3.75
5.76
4.31
8.63
6206
APPLY COAT OF SEALER
TO HOUSING BEFORE
PRESSING SEAL IN
OPP END DETAIL
DRIVE END DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: CONVERT FROM AUTOCAD TO SWD
REV: C
VERSION: 03
REVISED: 03:18:27 10/20/2023
TDR: 000001218972
MODEL NO. 36LYK186
REF: -
BY: USALMAZ
B
BALDOR - RELIANCE®
HOR 182-4T TEFC 36M WD
36LYK186

CD0005




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 | | | BALDOR ELECTRIC Co. |
| REV. LTR: E | BY: JLP | REVISED: 01/19/99 10:15 | TDR: 0171435 |
| CD0005 | | FILE: AAA00005140 | MDL: – |
| | | MTL: – | 3PH, DV, 9 LEADS |