

BALDOR® • RELIANCE

Product Information Packet

VEWDM3554T

1.5HP, 1755RPM, 3PH, 60HZ, 145TC, 3533M, TENV

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| Part Detail | | | | | | | |
|-------------|-------|-------------|-------|----------------|----------|---------------|------------|
| Revision: | C | Status: | PRD/A | Change #: | | Proprietary: | No |
| Type: | AC | Prod. Type: | 3533M | Elec. Spec: | 35WGM613 | CD Diagram: | |
| Enclosure: | TENV | Mfg Plant: | | Mech. Spec: | 35SS606 | Layout: | |
| Frame: | 145TC | Mounting: | F1 | Poles: | 04 | Created Date: | 02-13-2012 |
| Base: | N | Rotation: | R | Insulation: | F | Eff. Date: | 10-05-2012 |
| Leads: | 9#18 | Literature: | | Elec. Diagram: | | Replaced By: | |

| Nameplate NP1669L | | | | | | | | | |
|-------------------|----------------|------|------|-----|---|-------|---|--|--|
| CAT.NO. | VEWDM3554T | | | | | | | | |
| SPEC. | 35SS606M613G1 | | | | | | | | |
| HP | 1.5 | | | | | | | | |
| VOLTS | 208-230/460 | | | | | | | | |
| AMP | 4.4-4.2/2.1 | | | | | | | | |
| RPM | 1755 | | | | | | | | |
| FRAME | 145TC | HZ | 60 | PH | 3 | | | | |
| SER.F. | 1.15 | CODE | M | DES | B | CLASS | F | | |
| NEMA-NOM-EFF | 86.5 | PF | 76 | | | | | | |
| RATING | 40C AMB-CONT | | | | | | | | |
| CC | USABLE AT 208V | | | 4.4 | | | | | |
| DE | 6205 | ODE | 6203 | | | | | | |
| ENCL | TENV | SN | | | | | | | |
| BLANK | | | | | | | | | |

| Parts List | | |
|----------------|--|----------|
| Part Number | Description | Quantity |
| SA239119 | SA 35SS606M613G1 | 1.000 EA |
| RA226030 | RA 35SS606M613G1 | 1.000 EA |
| S/P107-000-001 | SUPER E PROC'S-FS & WS PLTS-POLYREX EM G | 1.000 EA |
| 35CB3010A01W | 35 CB .75 NPT @ 6:00, WHITE EPOXY | 1.000 EA |
| NS2512A01 | INSULATOR, CONDUIT BOX X | 1.000 EA |
| 35GS1039 | 05 MOLDED GASKET W/LIP, 1.12 LEAD HOLE, | 1.000 EA |
| 51XB1016A07 | 10-16 X 7/16 HXWSSLD SERTYB | 2.000 EA |
| 11XW1032G06 | 10-32 X .38, TAPTITE II, HEX WSHR SLTD U | 1.000 EA |
| 35EP3100M71MW | SPL FR ENDPLATE -TENV- SP.#9 (WHITE EPOX | 1.000 EA |
| HW4032A01 | BLACK DRAIN PLUG FOR WASH DOWN MOTORS | 3.000 EA |
| HW5100A03SP | WAVY WASHER (W1543-017) | 1.000 EA |
| 35EP3300A48MW | SPL FACE MTD EP - 205 BRG - W/SEAL FOR W | 1.000 EA |
| HW4032A01 | BLACK DRAIN PLUG FOR WASH DOWN MOTORS | 3.000 EA |
| HW4600B49SP | SEAL 0.938 X 1.624 X 0.250 SINGLE LIP DB | 1.000 EA |
| 12XN1032S20 | 10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL | 2.000 EA |
| 35CB4522 | 35 LIPPED CB LID AUTOPHORETIC | 1.000 EA |
| 35GS1030A02 | 35 GS FOR CB LID - WHITE NEOPRENE | 1.000 EA |
| 59XW0832S07 | TAPTITE II,HEX WSHR UNSLTD SER,410 S.S., | 4.000 EA |
| HW4600B46SP | SEAL 0.875 X 1.420 X 0.240 FACE SEALING | 1.000 EA |
| HW2502D13 | SS KEY, 3/16 SQ X 1.375 | 1.000 EA |
| HA7000A01 | KEY RETAINER 7/8" DIA SHAFT | 1.000 EA |
| MJ5001A01 | 46-665 RED SEALER | 0.001 QT |
| LB1164 | LABEL,WARNING AND DRAIN | 1.000 EA |
| 85XU0407S04 | 4X1/4 U DRIVE PIN STAINLESS | 2.000 EA |

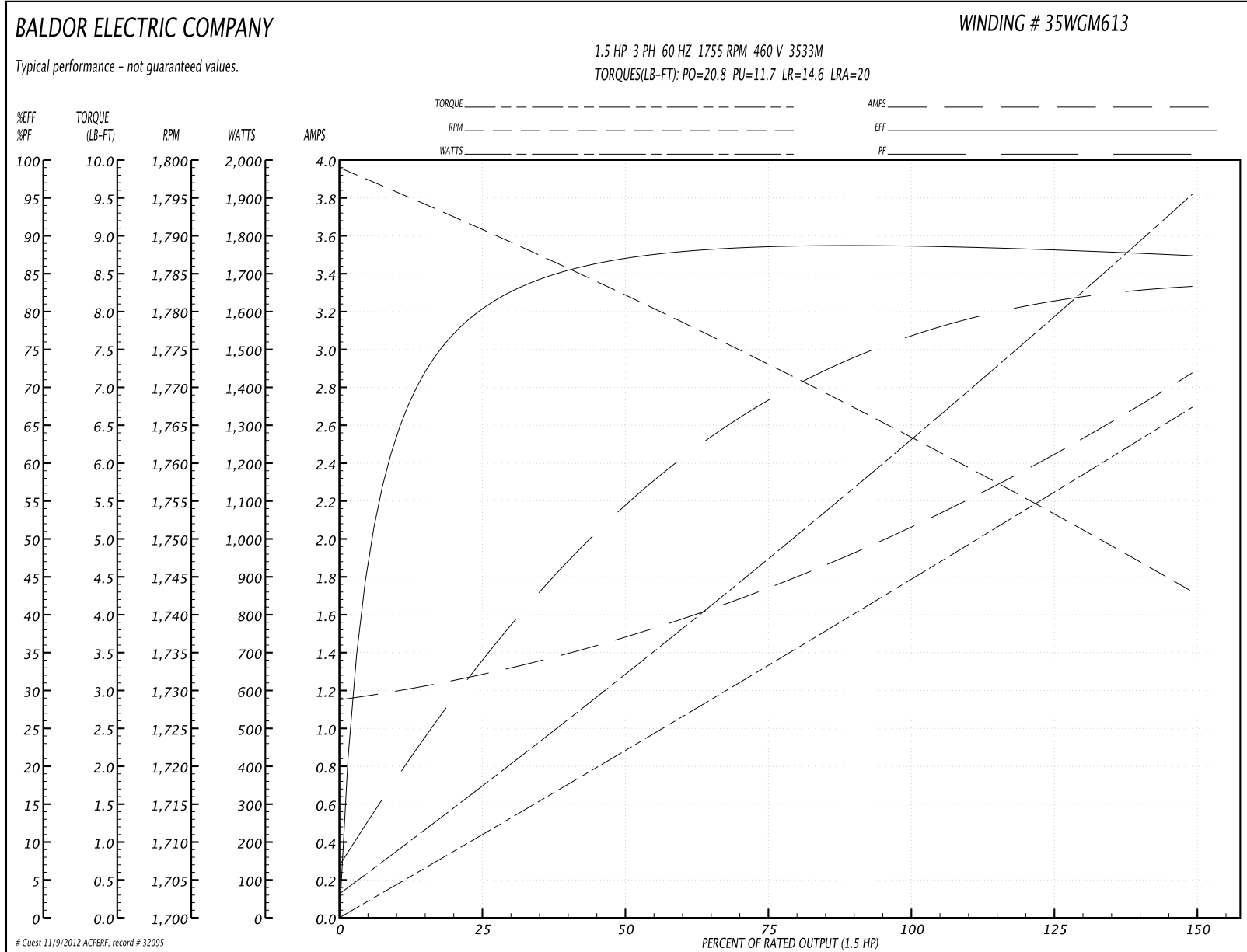
| Parts List (continued) | | |
|------------------------|--|----------|
| Part Number | Description | Quantity |
| HA5027A01 | HA4066A01 T-DRAIN X2 BAGGED | 1.000 EA |
| MJ1000A75 | GREASE, POLYREX EM EXXON | 0.050 LB |
| MG1025Z20 | ACTIVATOR WILKOFAS 060.32 | 0.010 GA |
| MG1025W11 | PAINT- 781-101 WILKOFAS WHITE EPOXY | 0.017 GA |
| HA3100S09 | THRUBOLT 9.25 LENGTH SS | 4.000 EA |
| LB1125C02 | SUPER-E (STOCK CTN LABEL SUPER-E WITH FL | 1.000 EA |
| LC0005 | CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING | 1.000 EA |
| LB1357 | ENERGY GUIDE LABEL (BOX LABEL) | 1.000 SH |
| NP1669L | SS WD SUPER-E UL CSA-EEV PREM REV MTG | 1.000 EA |
| 35PA1066 | PACKING GROUP COMBINED PRINT | 1.000 EA |
| PK3082 | STYROFOAM CRADLE | 1.000 EA |

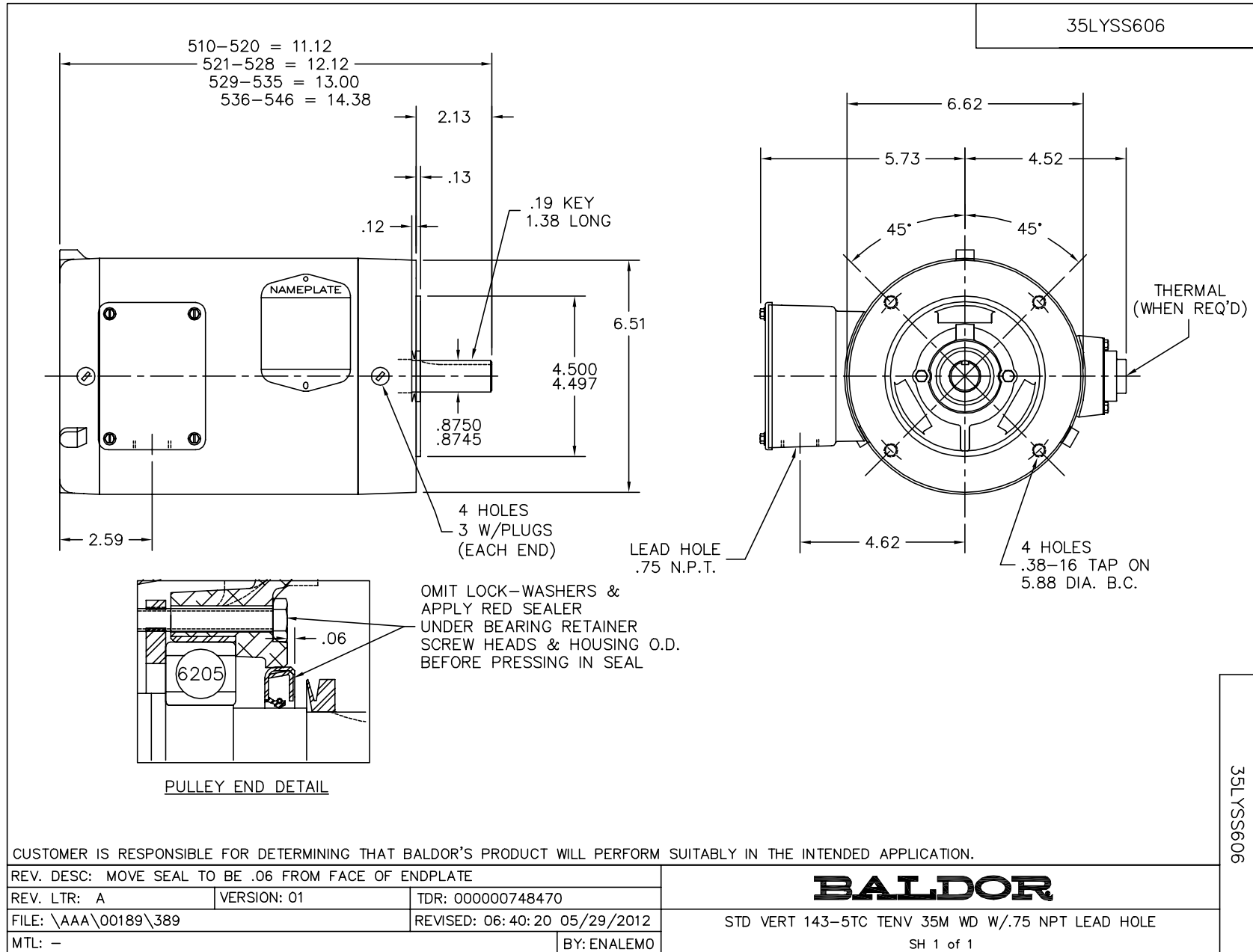
Performance Data at 460V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)

| General Characteristics | | | |
|--------------------------|--------------------------------|----------------------|------------|
| Full Load Torque: | 4.45 LB-FT | Start Configuration: | DOL |
| No-Load Current: | 1.17 Amps | Break-Down Torque: | 20.8 LB-FT |
| Line-line Res. @ 25°C.: | 8.44 Ohms A Ph / 0.0 Ohms B Ph | Pull-Up Torque: | 11.7 LB-FT |
| Temp. Rise @ Rated Load: | 77 C | Locked-Rotor Torque: | 14.6 LB-FT |
| Temp. Rise @ S.F. Load: | 92 C | Starting Current: | 20.0 Amps |

| Load Characteristics | | | | | | | |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| % of Rated Load | 25 | 50 | 75 | 100 | 125 | 150 | S.F. |
| Power Factor: | 35.0 | 54.0 | 68.0 | 76.0 | 81.0 | 84.0 | 79.0 |
| Efficiency: | 80.4 | 87.0 | 88.3 | 88.8 | 88.2 | 87.3 | 88.4 |
| Speed: | 1791.0 | 1782.0 | 1773.0 | 1764.0 | 1753.0 | 1743.0 | 1757.0 |
| Line Amperes: | 1.26 | 1.46 | 1.76 | 2.07 | 2.45 | 2.87 | 2.3 |

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values

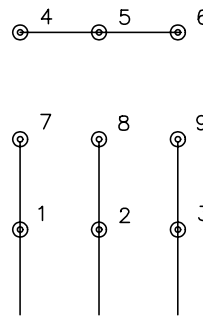




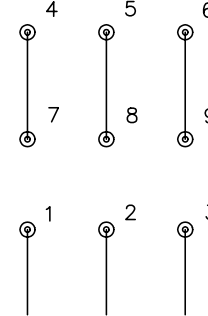
CD0005



LOW VOLTAGE
(2Y)



HIGH VOLTAGE
(1Y)



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.

| | | | |
|---|---------|-------------------------|--------------|
| REV. DESC: REVISE TO SHOW OPTIONAL COLORS | | | |
| REV. LTR: E | BY: JLP | REVISED: 01/19/99 10:15 | TDR: 0171435 |
| 90000 | | FILE: AAA00005140 | MDL: - |
| | | MTL: - | |

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005