

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
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[Http://www.100y.com.tw](http://www.100y.com.tw)

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Product Information Packet

M3711T-58

10HP,2900RPM,3PH,50HZ,215T,3748M,TEFC,F1

| Part Detail | | | | | | | |
|-------------|------|-------------|-------|----------------|----------|---------------|------------|
| Revision: | H | Status: | PRD/A | Change #: | | Proprietary: | No |
| Type: | AC | Prod. Type: | 3748M | Elec. Spec: | 37WGR162 | CD Diagram: | |
| Enclosure: | TEFC | Mfg Plant: | | Mech. Spec: | 37A001 | Layout: | |
| Frame: | 215T | Mounting: | F1 | Poles: | 02 | Created Date: | 09-21-2011 |
| Base: | RG | Rotation: | R | Insulation: | F | Eff. Date: | 06-13-2013 |
| Leads: | 6#14 | Literature: | | Elec. Diagram: | | Replaced By: | |

| Nameplate NP2717L | | | | | | | |
|-------------------|------------------------|-----------------------|------|------|----|----|---|
| CAT NO | M3711T-58 | | | | | | |
| SPEC. | 37A001R162H1 | | | | | | |
| HP | 10 | PH | 3 | | | | |
| VOLTS | 400 | | | | | | |
| AMP | 13.8 | | | | | | |
| RPM | 2900 | | | | | | |
| FRAME | 215T | HZ | 50 | I.P. | 54 | | |
| SER.F. | 1.15 | CODE | K | DES | A | CL | F |
| NEMA-NOM-EFF | 88.5 | % (100%) IEC60034-2-1 | | | | | |
| PF | 89 | USABLE AT 208V | | | | | |
| RATING | 40C AMB-CONT | | CC | | | | |
| DE BRG | 6307 | ODE | 6206 | | | | |
| ENCL | TEFC | SN | | | | | |
| BLANK | IE2-88.0(75%)85.5(50%) | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Parts List | | |
|---------------|--|----------|
| Part Number | Description | Quantity |
| SA231088 | SA 37A001R162H1 | 1.000 EA |
| RA218105 | RA 37A001R162H1 | 1.000 EA |
| 37FN3002B01 | EXFN, PLASTIC, 7.50 OD, 1.155 ID | 1.000 EA |
| HW3200A01 | 3/8-16X3/4 I-BLT WELDED F/S | 1.000 EA |
| 37CB3006 | 37 CB CASTING W/1.38 LEAD HOLE @ 6:00 | 1.000 EA |
| 37GS1000SP | GASKET, CONDUIT BOX STD., .06 THICK LEXI | 1.000 EA |
| 51XW2520A12 | .25-20 X .75, TAPTITE II, HEX WSHR SLTD | 2.000 EA |
| 11XW1032G06 | 10-32 X .38, TAPTITE II, HEX WSHR SLTD U | 1.000 EA |
| 37EP3101A01SP | FR ENDPLATE,TEFC, 37 L&M, W/GREASER | 1.000 EA |
| HW4500A01 | 1641B(ALEMITE)400 UNIV, GREASE FITT | 1.000 EA |
| HW5100A06 | W2420-025 WVY WSHR (WB) | 1.000 EA |
| 37EP3100A01SP | STD PU ENDPLATE, ENCL,37 "T"-307 BRG, W/ | 1.000 EA |
| HW4500A01 | 1641B(ALEMITE)400 UNIV, GREASE FITT | 1.000 EA |
| XY3118A12 | 5/16-18 HEX NUT DIRECTIONAL SERRATION | 4.000 EA |
| 51XB1214A20 | 12-14X1.25 HXWSSLD SERTYB | 1.000 EA |
| 07FH4007SP | IEC FH W/GRSR, NOTCH @ 6:00 & 3 FAN CVR | 1.000 EA |
| 51XW1032A06 | 10-32 X .38, TAPTITE II, HEX WSHR SLTD S | 3.000 EA |
| 37CB4516 | LIPPED LID FOR 37 FRAME NEC KOBX | 1.000 EA |
| 37GS1008SP | 37 GS FOR CB LID - LEXIDE | 1.000 EA |
| 51XW0832A07 | 8-32 X .44, TAPTITE II, HEX WSHR SLTD SE | 4.000 EA |
| HW2501F21 | KEY, 5/16 SQ X 2.375 | 1.000 EA |
| HA7000A02 | KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA | 1.000 EA |
| LB1115 | LABEL,LIFTING DEVICE | 1.000 EA |
| 85XU0407S04 | 4X1/4 U DRIVE PIN STAINLESS | 2.000 EA |

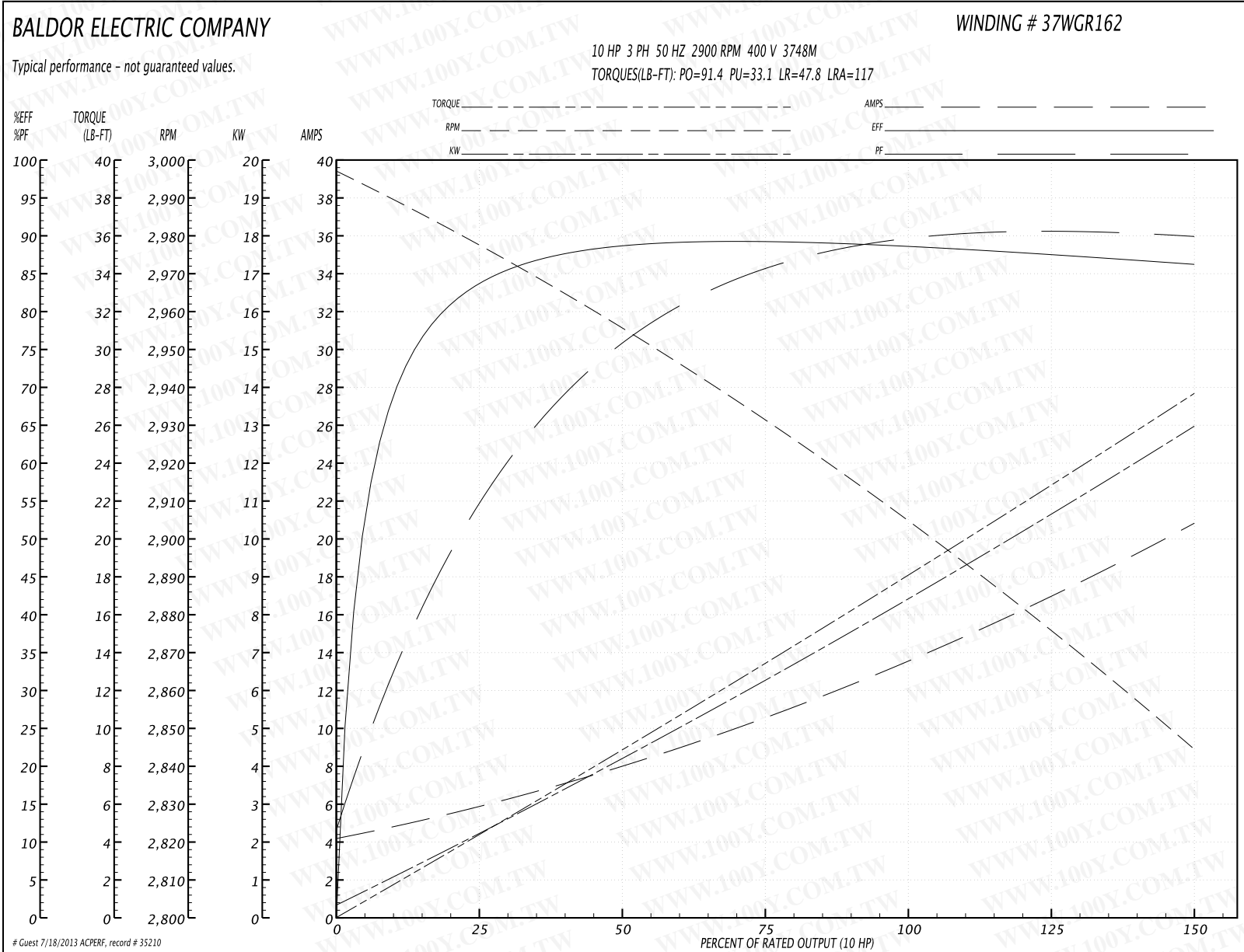
| Parts List (continued) | | |
|------------------------|--|----------|
| Part Number | Description | Quantity |
| MJ1000A75 | GREASE, POLYREX EM EXXON | 0.050 LB |
| MG1000G27 | PAINT- S9282E CHARCOAL GREY | 0.028 GA |
| HA3104A18 | THRUBOLT- 5/16-18 X14.000 | 4.000 EA |
| HA4067A01 | PUSH IN DRAIN FITTING (BLACK) | 1.000 EA |
| HA4067A01 | PUSH IN DRAIN FITTING (BLACK) | 1.000 EA |
| LB1119 | WARNING LABEL | 1.000 EA |
| LB1125C04 | STD-E (STOCK CTN LABEL STD-E WITH FLAG) | 1.000 EA |
| LC0382 | CONNECTION LABEL | 1.000 EA |
| LB5040 | INSTRUCTION TAG, AC & DC | 1.000 EA |
| NP2717L | ALUM NEMA IE2 UL CSA CC CE | 1.000 EA |
| 37PA1052 | PALLET PACK GRP, 150 LB MTR 2 X 4 RUNNER | 1.000 EA |

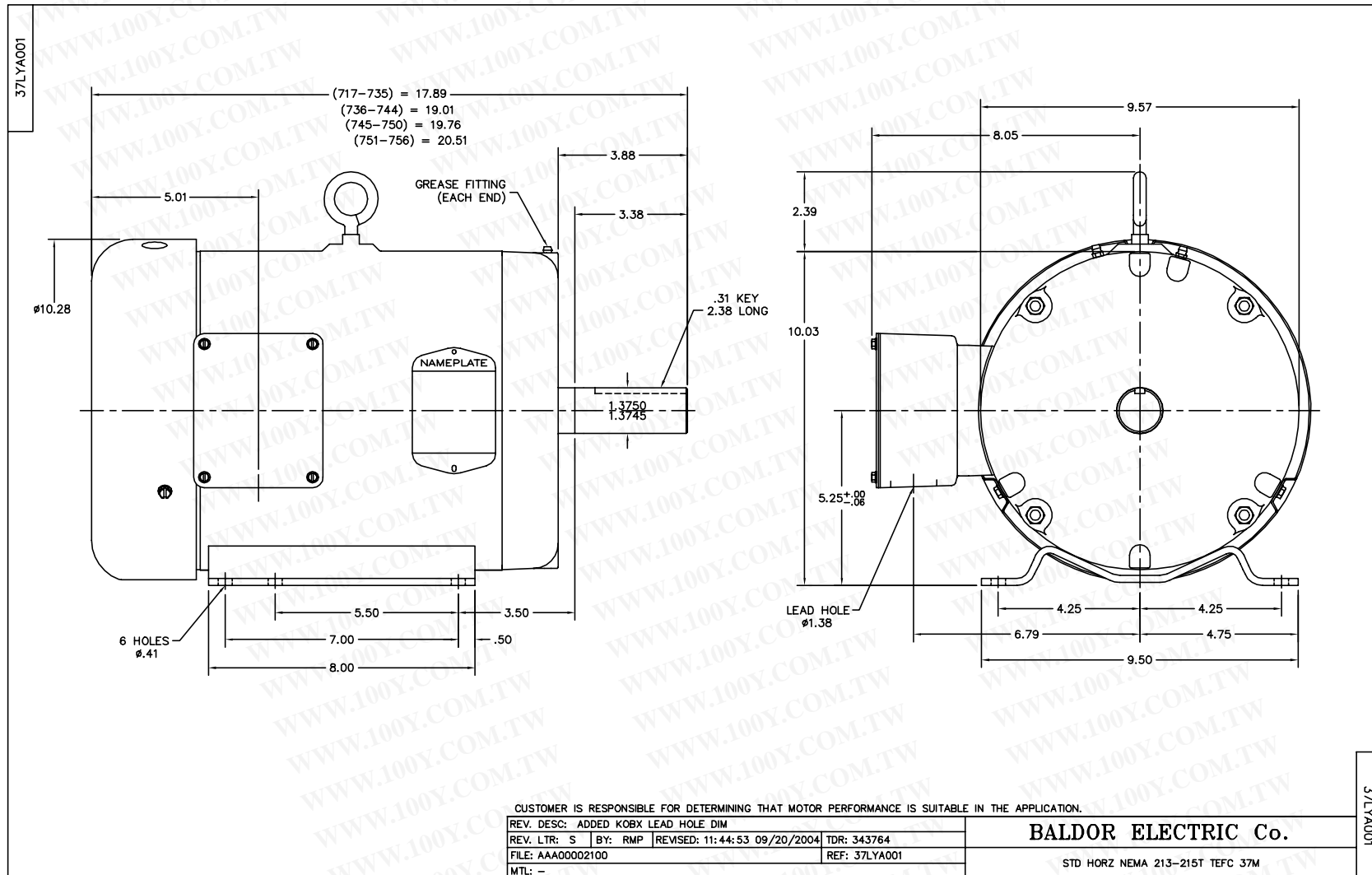
Performance Data at 400V, 50Hz, 10.0HP (Typical performance - Not guaranteed values)

| General Characteristics | | | |
|--------------------------|---------------------------------|----------------------|------------|
| Full Load Torque: | 18.1 LB-FT | Start Configuration: | DOL |
| No-Load Current: | 4.37 Amps | Break-Down Torque: | 91.4 LB-FT |
| Line-line Res. @ 25°C.: | 0.573 Ohms A Ph / 0.0 Ohms B Ph | Pull-Up Torque: | 33.1 LB-FT |
| Temp. Rise @ Rated Load: | 60 C | Locked-Rotor Torque: | 47.8 LB-FT |
| Temp. Rise @ S.F. Load: | 74 C | Starting Current: | 117.0 Amps |

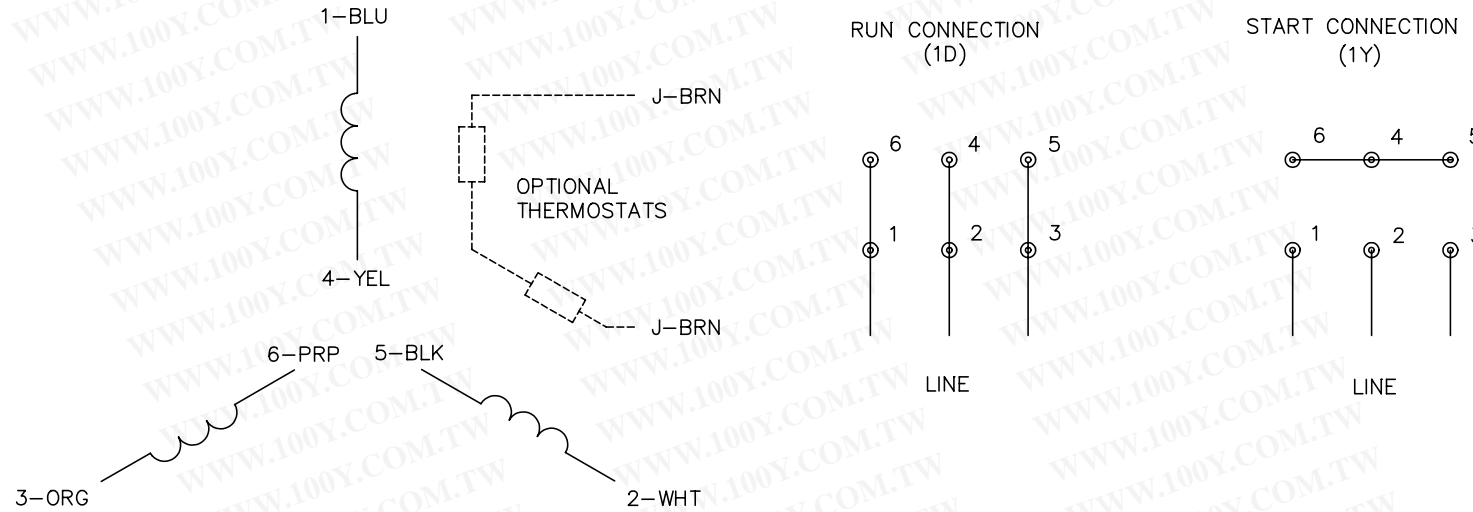
| Load Characteristics | | | | | | | |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| % of Rated Load | 25 | 50 | 75 | 100 | 125 | 150 | S.F. |
| Power Factor: | 60.0 | 78.0 | 85.0 | 88.0 | 91.0 | 90.0 | 90.0 |
| Efficiency: | 81.8 | 85.5 | 88.1 | 88.5 | 87.8 | 86.0 | 88.1 |
| Speed: | 2976.0 | 2954.0 | 2931.0 | 2905.0 | 2875.0 | 2844.0 | 2887.0 |
| Line Amperes: | 5.64 | 8.0 | 10.8 | 13.8 | 17.0 | 20.8 | 15.7 |

Performance Graph at 400V, 50Hz, 10.0HP Typical performance - Not guaranteed values





CD0382



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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.
5. FOR ACROSS-THE-LINE STARTING, USE 'RUN' CONNECTION.

| | | | |
|--|---------|------------------------|--------------|
| REV. DESC: ADD NOTE 5 FOR DOL STARTING | | | |
| REV. LTR: E | BY: JLP | REVISED: 11/30/00 2:26 | TDR: 0226155 |
| 783000 | | FILE: AAA00005243 | REF: - |
| | | MTL: - | |

BALDOR ELECTRIC Co.

3PH, SV, 6 LEADS, Y START/D RUN

CD0382