

BALDOR® • RELIANCE

Product Information Packet

CEWDM23933T

15HP, 1765RPM, 3PH, 60HZ, 254TC, 3942M, TEFC, F

| Part Detail | | | | | | | | | |
|-------------------|--------------|----------------|-------|----------------|----------|---------------|------------|-------|---|
| Revision: | T | Status: | PRD/A | Change #: | | Proprietary: | No | | |
| Type: | AC | Prod. Type: | 3942M | Elec. Spec: | 39WGW595 | CD Diagram: | | | |
| Enclosure: | TEFC | Mfg Plant: | | Mech. Spec: | 39R098 | Layout: | | | |
| Frame: | 254TC | Mounting: | F1 | Poles: | 04 | Created Date: | | | |
| Base: | RG | Rotation: | R | Insulation: | F | Eff. Date: | 02-16-2011 | | |
| Leads: | 9#12 | Literature: | | Elec. Diagram: | | Replaced By: | | | |
| Nameplate NP1669E | | | | | | | | | |
| CAT.NO. | CEWDM23933T | | | | | | | | |
| SPEC. | 39R098W595G1 | | | | | | | | |
| HP | 15 | | | | | | | | |
| VOLTS | 230/460 | | | | | | | | |
| AMP | 36/18 | | | | | | | | |
| RPM | 1765 | | | | | | | | |
| FRAME | 254TC | HZ | | | 60 | PH | 3 | | |
| SER.F. | 1.15 | CODE | | | H | DES | B | CLASS | F |
| NEMA-NOM-EFF | 92.4 | PF | | | 84 | | | | |
| RATING | 40C AMB-CONT | | | | | | | | |
| CC | 010A | USABLE AT 208V | | | | | | | |
| DE | 6309 | ODE | | | 6208 | | | | |
| ENCL | TEFC | SN | | | | | | | |
| BLANK | | | | | | | | | |

| Parts List | | |
|----------------|---|----------|
| Part Number | Description | Quantity |
| SA084713 | SA 39R098W595G1 | 1.000 EA |
| RA077873 | RA 39R098W595G1 | 1.000 EA |
| S/P107-000-005 | SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL | 1.000 EA |
| MJ5002A01 | SILICON RUBBER SEALANT, 732CL 10.3 OZ TU | 0.025 EA |
| HA6016WP | ADAPTER, CONDUIT BOX, W/WHITE EPOXY, PRIM | 1.000 EA |
| 09GS1006 | GASKET, CONDUIT BOX, NEOP-1/16 THICK-BLA | 1.000 EA |
| 09CB3002A01P | CB MACH - 1.25 N.P.T. LEAD HOLE W/EPOXY | 1.000 EA |
| 51XW2520A12 | .25-20 X .75, TAPTITE II, HEX WSHR SLTD | 2.000 EA |
| HW1001A25 | LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I | 2.000 EA |
| WD1000B17 | LUGSDIRECT WIRE LUG, CAT # S6 | 1.000 EA |
| 11XW1032G06 | 10-32 X .38, TAPTITE II, HEX WSHR SLTD U | 1.000 EA |
| 39EP1100A08WP | FR ENDPLATE, MACH W/WHITE EPOXY, PRIMED | 1.000 EA |
| HW5100A08 | W3118-035 WVY WSHR (WB) | 1.000 EA |
| HW4600B44SP | V-RING SLINGER 1.500 X 2.290 X 0.280 | 1.000 EA |
| 39EP1500A04P | PU ENDPLATE, MACH W/EPOXY PRIMER | 1.000 EA |
| 10XN2520S28 | 1/4-20X 1 3/4 HEX HD SS X | 4.000 EA |
| HW4600B44SP | V-RING SLINGER 1.500 X 2.290 X 0.280 | 1.000 EA |
| HA3154S02 | THRUBOLT STUD 3/8-16 X 15.875 SS | 4.000 EA |
| XY3816S12 | 3/8-16 HEX FINISHED NUT SS | 8.000 EA |
| HA2001B08 | SPL SPACER FOR AIR DEFLECTOR .50 O.D. X | 3.000 EA |
| 09FH4000A23MWP | FAN COVER, MACH W/WHITE EPOXY | 1.000 EA |
| 10XN2520S16 | 41/4-20 X 1 HEX HEAD SS | 3.000 EA |
| 09CB3501P | CONDUIT BOX LID FOR 09CB3001 & 09CB3002 | 1.000 EA |
| 12GS1002 | GASKET, CONDUIT BOX LID, NEOP | 1.000 EA |

| Parts List (continued) | | |
|------------------------|--|----------|
| Part Number | Description | Quantity |
| 19XT2520S12 | 1/4-20X3/4 HWH NO SLOT TY.23 18-8 S.S. | 2.000 EA |
| HW1001S25 | WASHER, 1/4 SPLT LK, STAINLESS STEEL | 2.000 EA |
| HW4600B53 | SEAL 1.688 X 2.275 X 0.312 SINGLE LIP DB | 1.000 EA |
| HW2502G25 | #303 SS,SQ KEY 3/8 X 2.880 | 1.000 EA |
| MJ5001A01 | 46-665 RED SEALER | 0.031 QT |
| LB1115 | LABEL,LIFTING DEVICE | 1.000 EA |
| 07GS1000SP | GASKET, CONDUIT BOX, .125 THICK BLACK NE | 1.000 EA |
| HW4032A01 | BLUE DRAIN PLUG FOR WASH DOWN MOTORS | 3.000 EA |
| MJ1000A75 | GREASE, POLYREX EM EXXON | 0.085 LB |
| HW4032A01 | BLUE DRAIN PLUG FOR WASH DOWN MOTORS | 3.000 EA |
| 51XB1214A20 | 12-14X1.25 HXWSSLD SERTYB | 1.000 EA |
| MG1025W01 | PAINT- 781-01 WILKOFASST WHITE EPOXY | 0.050 GA |
| 85XU0407S04 | 4X1/4 U DRIVE PIN STAINLESS | 2.000 EA |
| LB1119 | WARNING LABEL | 1.000 EA |
| LB1164 | LABEL,WARNING AND DRAIN | 1.000 EA |
| 09FN3001D01 | EXTERNAL FAN, PLASTIC | 1.000 EA |
| HW2500A25 | WOODRUFF KEY USA #1008 #BLOW CARBON STEE | 1.000 EA |
| LB1125C02 | SUPER-E (STOCK CTN LABEL SUPER-E WITH FL | 4.000 EA |
| LC0005 | CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING | 1.000 EA |
| NP1669E | WD, SUPER-E, UL CSA CC, EMBOSSED | 1.000 EA |
| 40PA1000 | PACKAGING GROUP | 1.000 EA |
| LB5040 | INSTRUCTION TAG, AC & DC | 1.000 EA |

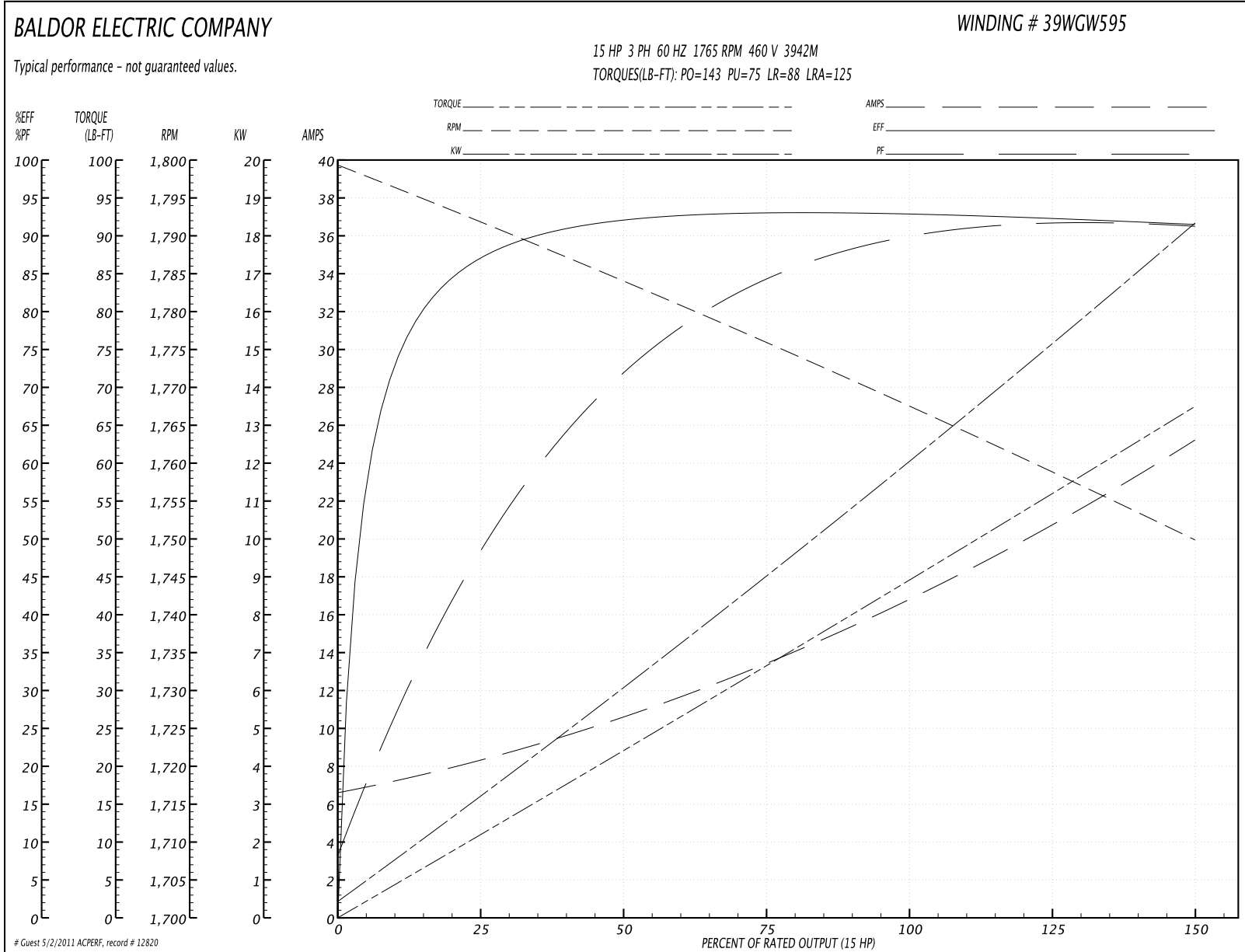
Performance Data at 460V, 60Hz, 15.0HP (Typical performance - Not guaranteed values)**General Characteristics**

| | | | |
|--------------------------|---------------------------------|----------------------|-------------|
| Full Load Torque: | 45.0 LB-FT | Start Configuration: | DOL |
| No-Load Current: | 6.95 Amps | Break-Down Torque: | 143.0 LB-FT |
| Line-line Res. @ 25°C.: | 0.577 Ohms A Ph / 0.0 Ohms B Ph | Pull-Up Torque: | 75.0 LB-FT |
| Temp. Rise @ Rated Load: | 60 C | Locked-Rotor Torque: | 88.0 LB-FT |
| Temp. Rise @ S.F. Load: | 72 C | Starting Current: | 125.0 Amps |

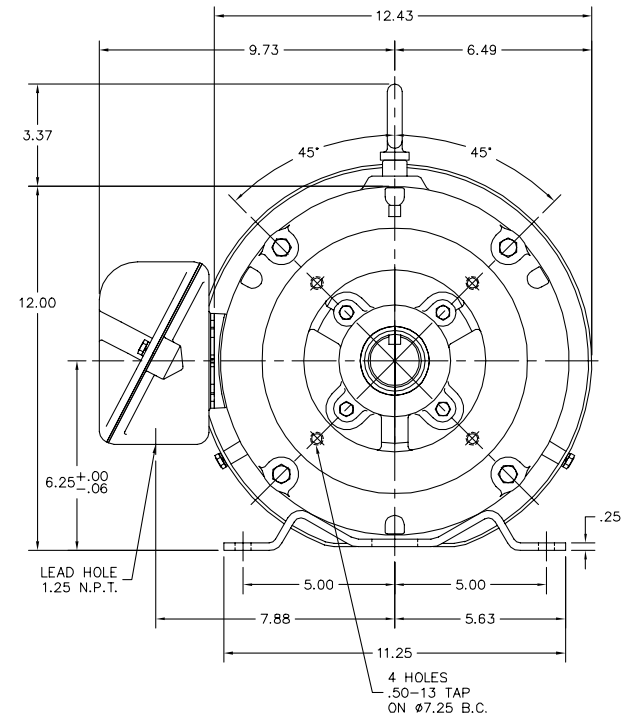
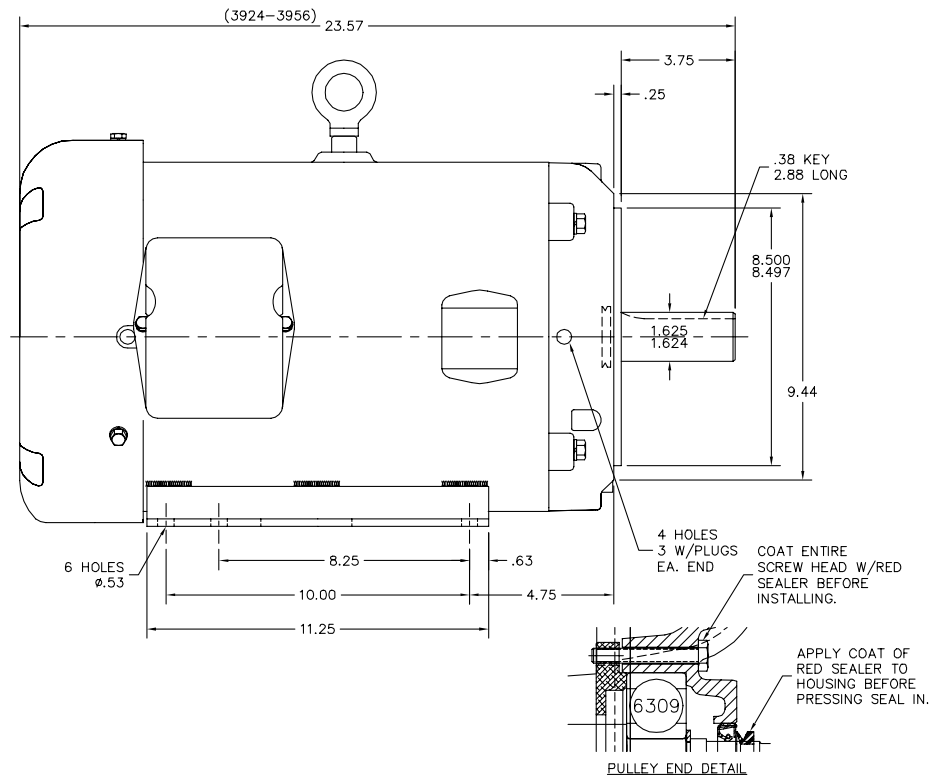
Load Characteristics

| % of Rated Load | 25 | 50 | 75 | 100 | 125 | 150 | S.F. |
|-----------------|--------|--------|--------|--------|--------|--------|--------|
| Power Factor: | 49.0 | 71.0 | 81.0 | 86.0 | 88.0 | 89.0 | 87.0 |
| Efficiency: | 87.9 | 92.1 | 93.0 | 92.8 | 92.3 | 91.5 | 92.5 |
| Speed: | 1792.0 | 1784.0 | 1776.0 | 1766.0 | 1759.0 | 1750.0 | 1762.0 |
| Line Amperes: | 7.9 | 10.5 | 13.7 | 17.2 | 21.0 | 25.0 | 19.5 |

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



39L YR098



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

| | | |
|---|------------------------------|-------------------|
| REV. DESC: REPLACE 39SH1032 W/39SH1133 UNTILL PROB. FIXED | VERSION: 02 | TDR: 000000385548 |
| REV. LTR: B | REVISED: 06:53:02 01/13/2006 | BY: ENJAMM1 |
| FILE: \AAA\00093\157 | | |
| MTL: - | | |

BALDOR ELECTRIC Co.

HOR TEFC 254-6TC - HOSE DOWN (SP#9)

39L YR098

