

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **CESSWDM3613T**

**5HP,3480RPM,3PH,60HZ,184TC,3636M,TEFC,F1**

Part Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3636M	Elec. Spec:	36WGT873	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36L738	Layout:	
Frame:	184TC	Mounting:	F1	Poles:	02	Created Date:	07-12-2006
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-21-2012
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:	

Parts List		
Part Number	Description	Quantity
SA147552	SA 36L738T873G1	1.000 EA
RA136593	RA 36L738T873G1	1.000 EA
34FN3002B02	EXTERNAL FAN, PLASTIC, .905/.907 HUB W/	1.000 EA
36CB1003A01	CONDUIT BOX	1.000 EA
36GS1024	36 MOLDED GASKET W/LIP, 1.12 LEAD HOLE,	1.000 EA
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36FE1907A01	FR EP ASSY W/EP FROM SOUTHERN TOOL STAIN	1.000 EA
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1908A03	PUEP, FOR LOCKED 6206 BRG	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
10XN2520S28	1/4-20X 1 3/4 HEX HD SS X	4.000 EA
HA1049A02	DUBO LOK WASHER SIZE 1/4 (NYLON LOCK SEA	4.000 EA
HA1049A02	DUBO LOK WASHER SIZE 1/4 (NYLON LOCK SEA	4.000 EA
36FH4011	WASHDOWN FAN COVER #304 STAINLESS W/NOTC	1.000 EA
10XN1032S06	HEX HD CAP SCREW, SS	3.000 EA
36CB4517	36 LIPPED CB LID #304 STAINLESS STEEL	1.000 EA
37GS3010SP	1/16"WHITE LID GASKET	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA
HW4606A03	JM CLIPPER/SEAL (LWE-1156-1875-AL44)	1.000 EA
HW2502E16	#303 SS,SQ KEY 1/4 X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA

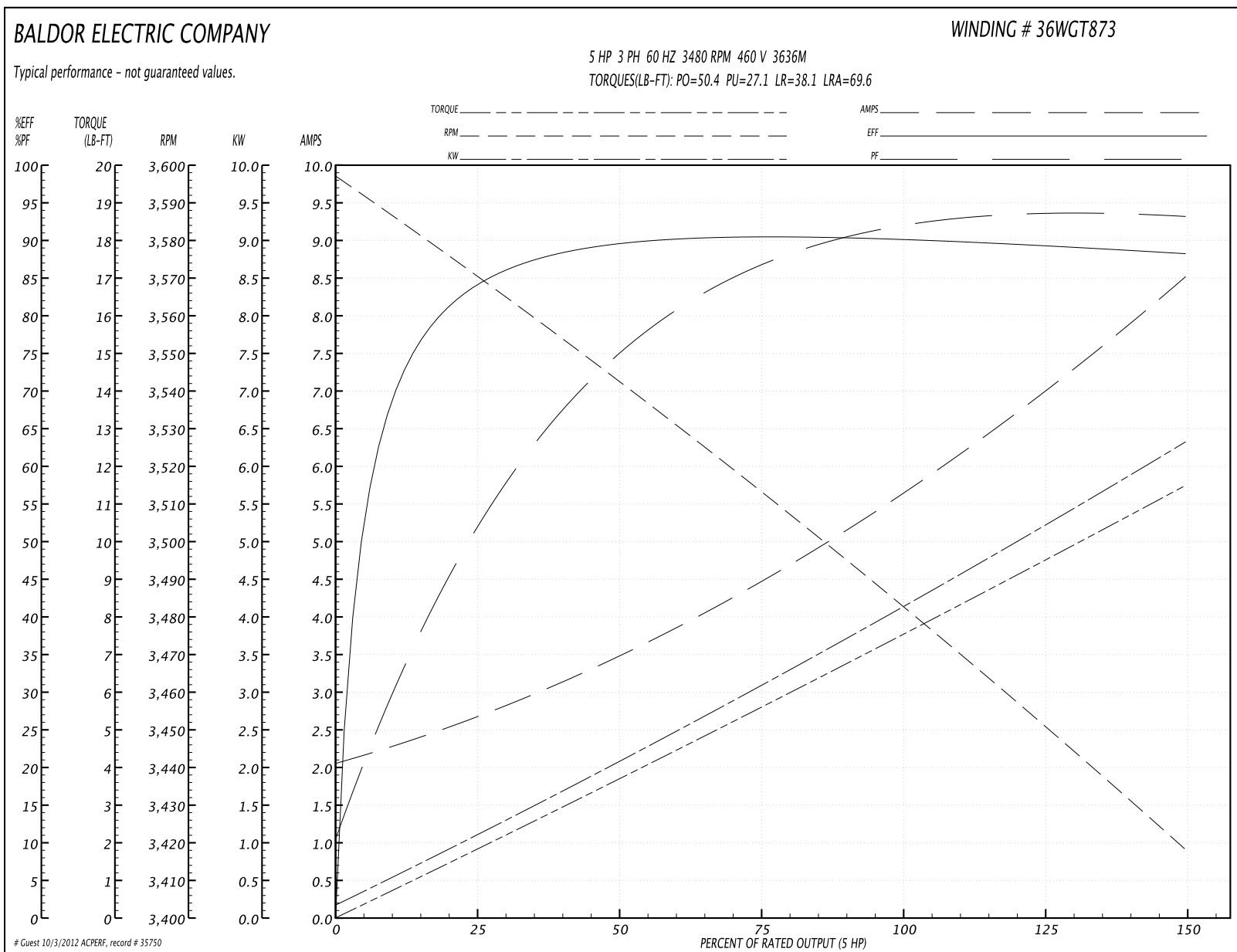
**Parts List (continued)**

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
HW3200S01	EYEBOLT 3/8-16 X3/4 S.S. TDR #35988	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
HA3101S29	THRUBOLT- 1/4-20X13.00 SS	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH

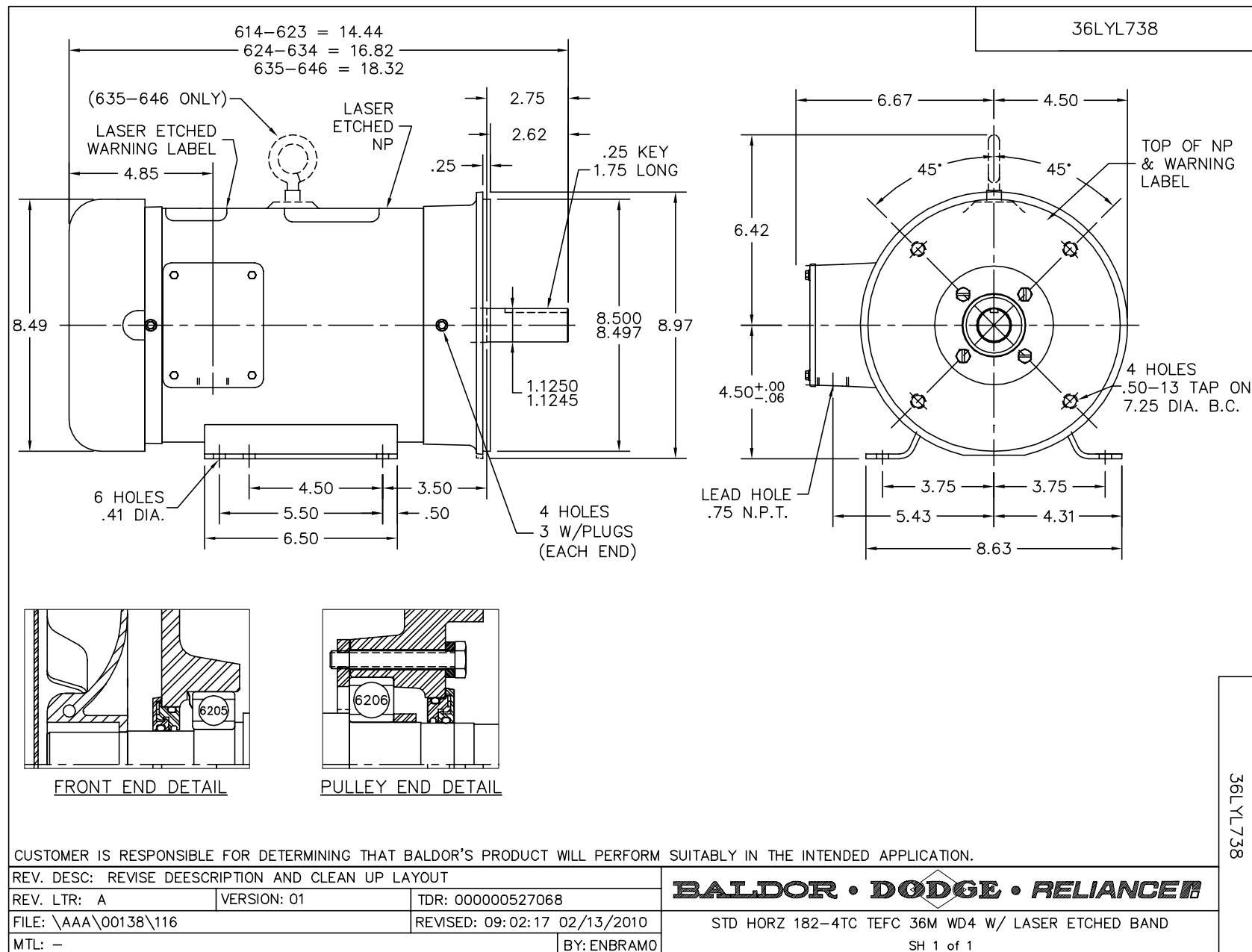
**Performance Data at 460V, 60Hz, 5.0HP (Typical performance - Not guaranteed values)**

General Characteristics							
Full Load Torque:		7.55 LB-FT		Start Configuration:		DOL	
No-Load Current:		2.11 Amps		Break-Down Torque:		50.4 LB-FT	
Line-line Res. @ 25°C.:		1.87 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		27.1 LB-FT	
Temp. Rise @ Rated Load:		82 C		Locked-Rotor Torque:		38.1 LB-FT	
Temp. Rise @ S.F. Load:		99 C		Starting Current:		69.6 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	54.0	76.0	87.0	91.0	93.0	94.0	92.0
Efficiency:	83.4	88.9	90.4	90.4	89.7	88.0	90.0
Speed:	3568.0	3541.0	3514.0	3484.0	3451.0	3417.0	3464.0
Line Amperes:	2.61	3.44	4.49	5.71	7.05	8.48	6.51

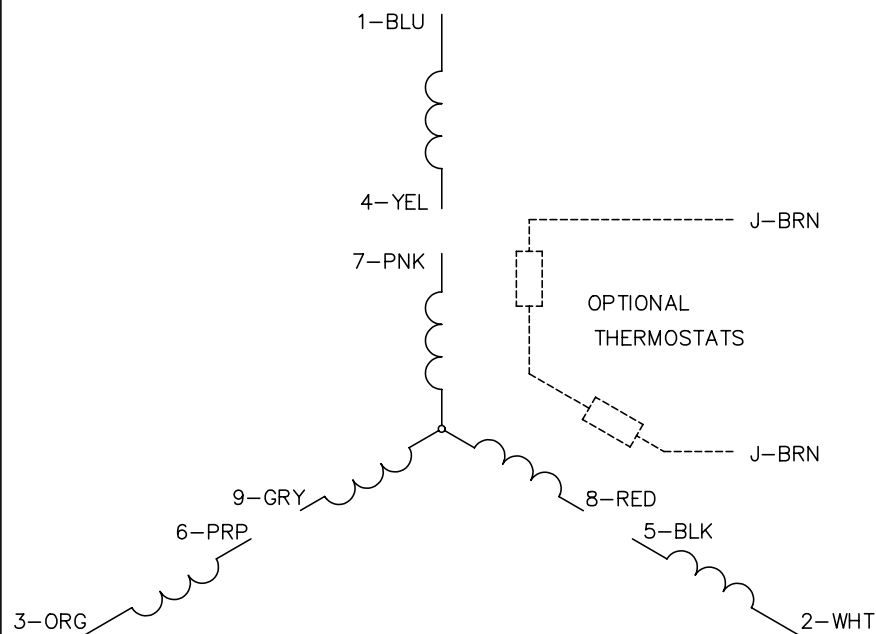
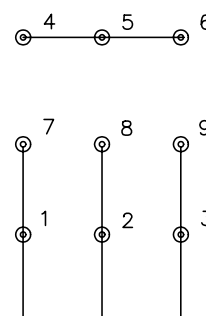
## Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values



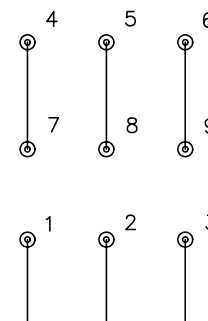
# Guest 10/3/2012 ACPERF, record # 35750



CD0005

LOW VOLTAGE  
(2Y)

LINE

HIGH VOLTAGE  
(1Y)

LINE

## 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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005