

BALDOR® • ***RELIANCE***

Product Information Packet

EHM3313T

10HP,1770RPM,3PH,60HZ,215T,3739M,OPSB,F1

Part Detail							
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3739M	Elec. Spec:	37WGT853	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37J637	Layout:	37LYJ637
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	06-16-2006
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-06-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2094E06B03							
CAT.NO.	EHM3313T						
SPEC.	37J637T853G1						
HP	10						
VOLTS	230/460						
AMPS	25/12.5						
RPM	1770						
FRAME	215T	HZ	60	PH	3		
SER.F.	1.15	CODE	H	DES	B	CL	F
NEMA-NOM-EFF	91.7	PF	82				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	26				
DE	6307	ODE	6206				
AUTO	N	MANUAL	N	NONE	Y		
ENCL	OPSB	SN					
BLANK							

Parts List		
Part Number	Description	Quantity
SA145345	SA 37J637T853G1	1.000 EA
RA134497	RA 37J637T853G1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	2.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
51XW2520A10	.25-20 X .62, TAPTITE II, HEX WSHR SLTD	4.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
37FE3200A15	FR ENDPLATE MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
91XN0540J08	SCREW, 5-40 X 1/2", FHC, AS	2.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37PE3201A81	PU ENDPLATE ASSEMBLY FOR ROUTING	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	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
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.028 GA
HA3104A35	THRUBOLT .31-18 X 13.687	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP2094E06B03	NP LABEL W/BARCODE (PREM EFF HVAC MTR)	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1400/bx) 11/14	1.000 EA

AC Induction Motor Performance Data

Record # 53404 - Typical performance - not guaranteed values

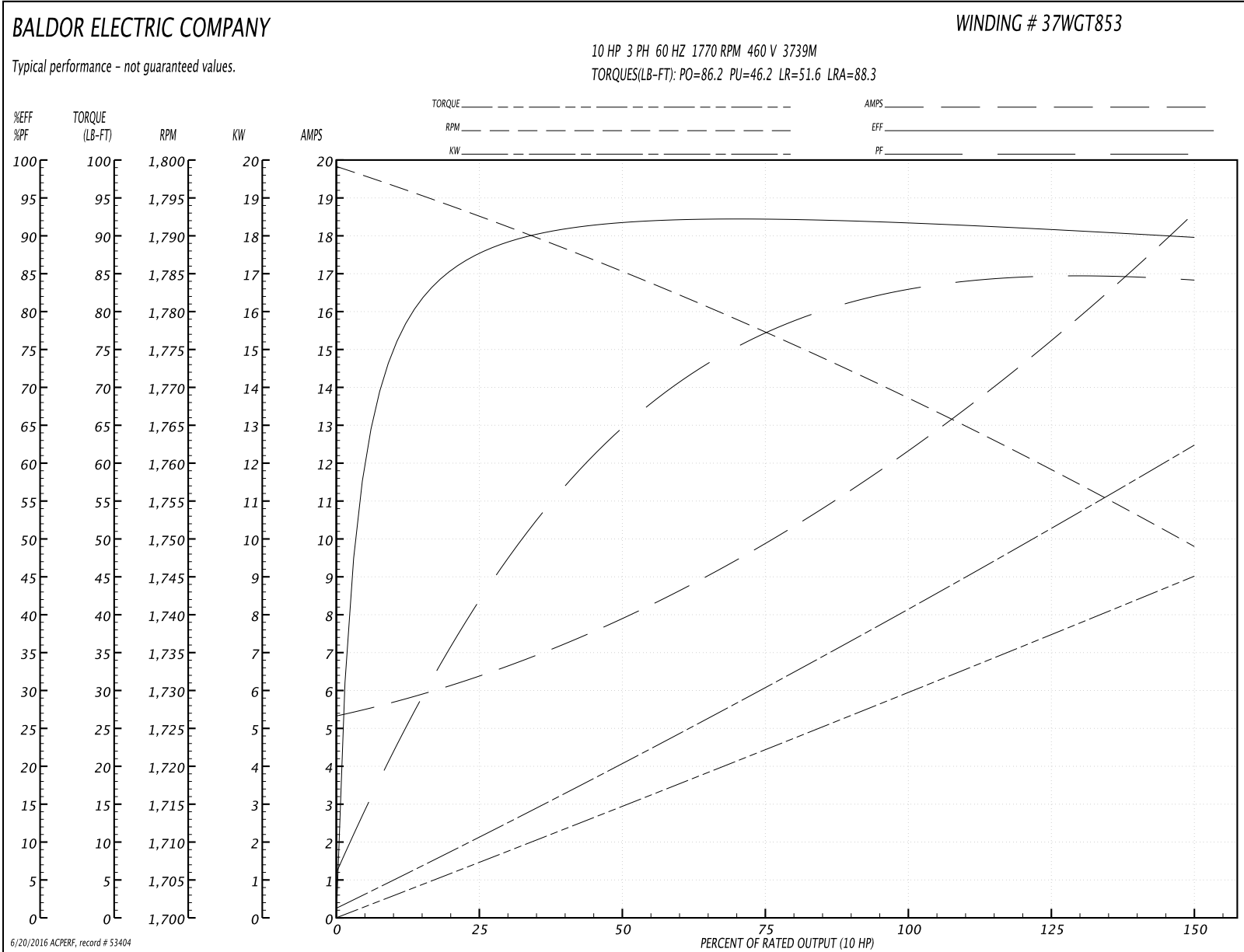
Winding: 37WGT853-R026	Type: 3739M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	29.7 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	25/12.5			Breakdown Torque	86.2 LB-FT
R.P.M.	1770			Pull-up Torque	46.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	51.6 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	88.3 A
Service Factor (S.F.)	1.15			No-load Current	5.51 A
NEMA Nom. Eff.	91.7	Power Factor	82	Line-line Res. @ 25°C	1.18 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	34°C
S.F. Amps				Temp. Rise @ S.F. Load	42°C
				Rotor inertia	0.959 LB-FT ²

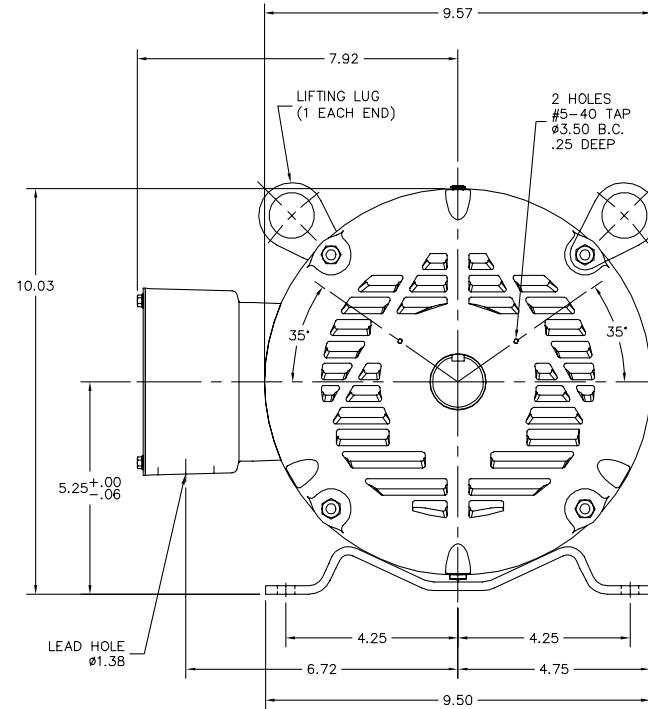
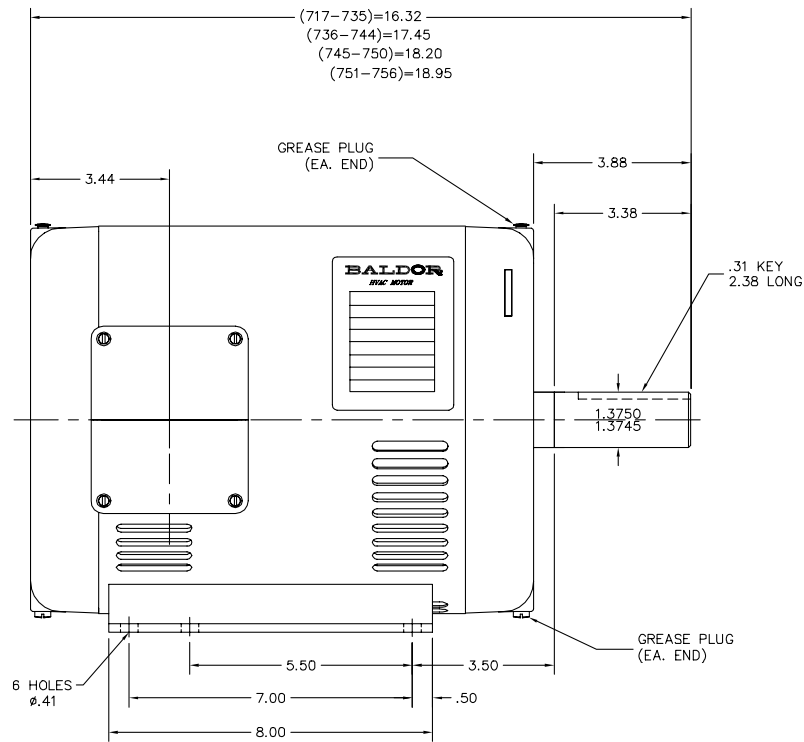
Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	44	66	77	82	84	85	83
Efficiency	87.6	91.6	92.3	91.9	91	89.8	91.4
Speed	1793	1785	1777	1769	1759	1749	1763
Line amperes	6.15	7.79	9.93	12.5	15.3	18.5	14.2

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values



37LYJ637



37LYJ637

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADDED AEGIS SPLIT RING MTG HOLES TO PULLEY EP		
REV. LTR: A	VERSION: 01	TDR: 000000722757
FILE: \AAA\00137\640	REVISED: 03:22:10 12/08/2011	BY: ENTANW0
MTL: -		

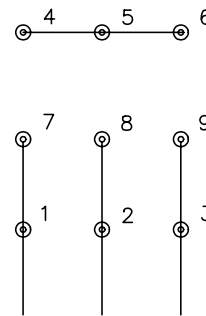
BALDOR

HORZ 213-5T OPSB M W/PLUGGED GRSR & REL(HVAC), AEGIS MNT
SH 1 of 1

CD0005

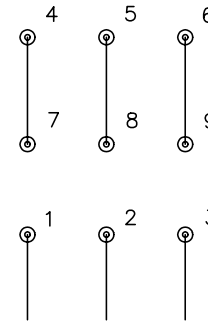


LOW VOLTAGE
(2Y)



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

9000D

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005