

BALDOR® • RELIANCE

Product Information Packet

EM3313T

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

Part Detail							
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3739M	Elec. Spec:	37WGT853	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37F614	Layout:	37LYF614
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-30-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L							
CAT.NO.	EM3313T						
SPEC.	37F614T853						
HP	10						
VOLTS	230/460						
AMP	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				
ENCL	OPSB	SN					

AC Induction Motor Performance Data

Record # 17599 - Typical performance - not guaranteed values

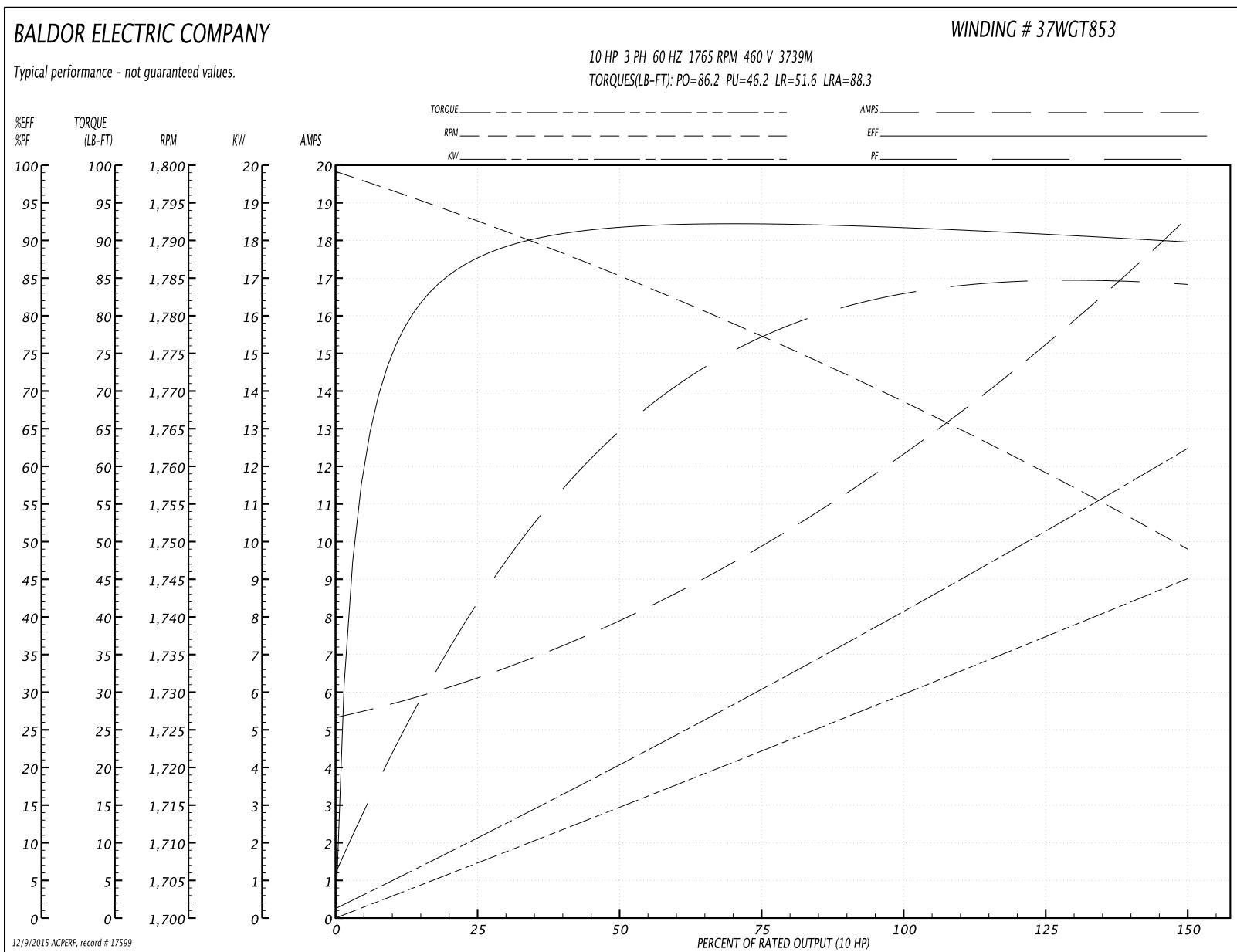
Winding: 37WGT853-R001	Type: 3739M	Enclosure: OPSB
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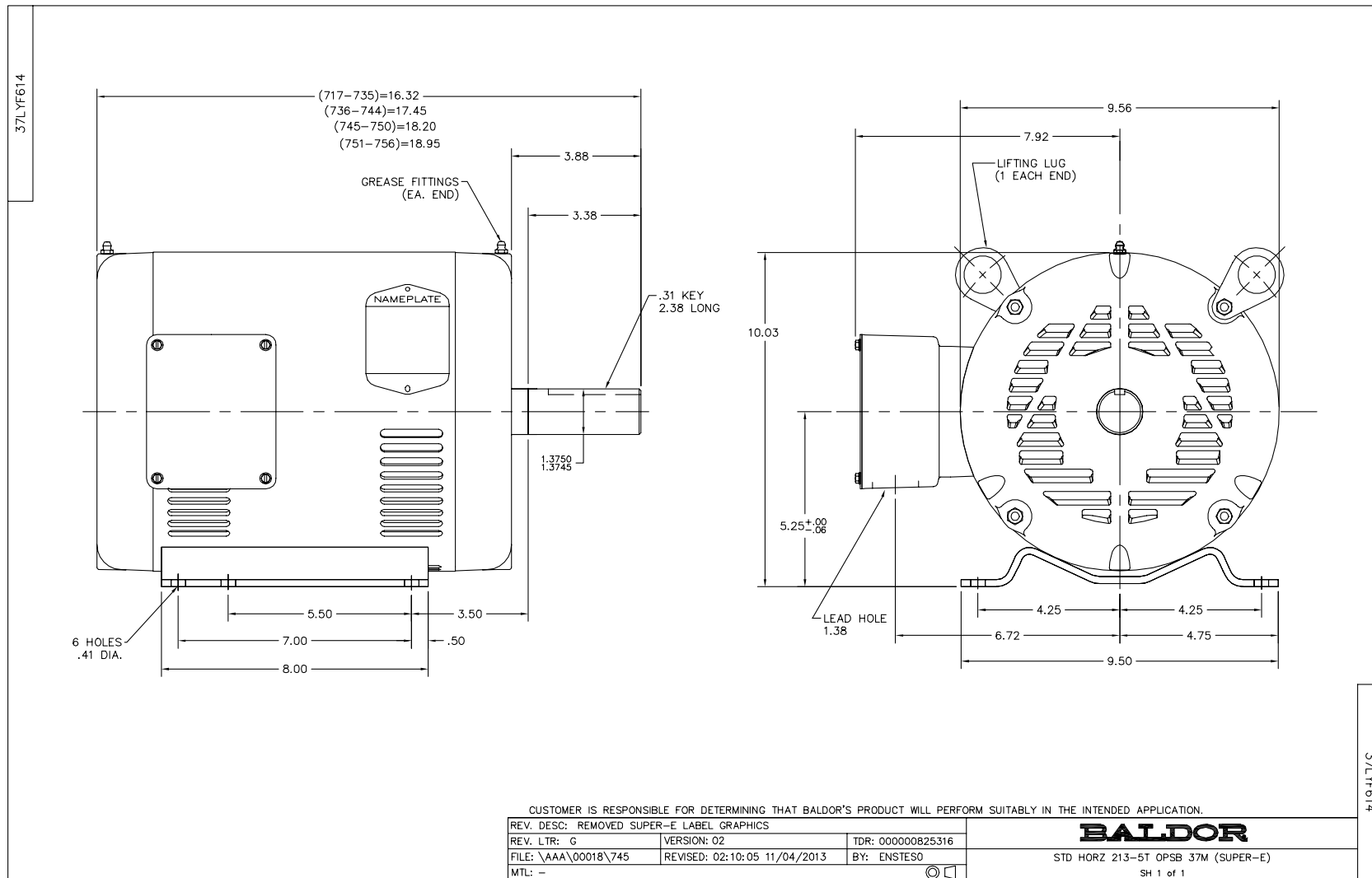
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	29.7 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	25/12.5			Breakdown Torque	86.2 LB-FT
R.P.M.	1765			Pull-up Torque	46.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	51.6 LB-FT
NEMA 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

Load Characteristics 460 V, 60 Hz, 10 HP

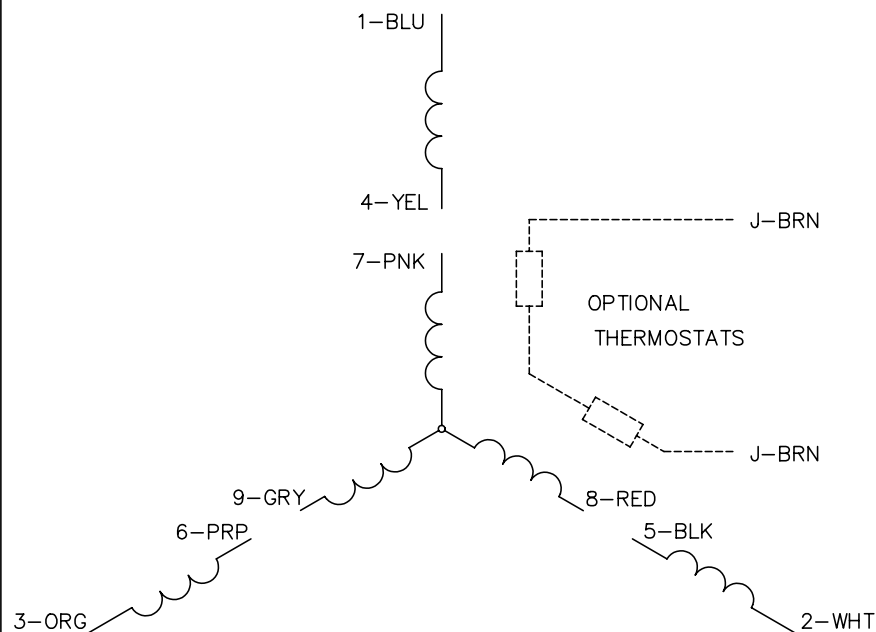
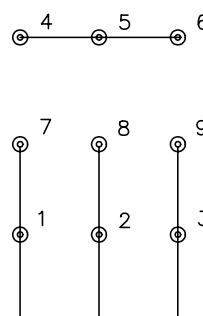
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	44	66	77	82	84	85	83
Efficiency	87.6	91.6	92.3	91.9	91	89.8	91.4
Speed	1793	1785	1777	1769	1759	1749	1763
Line amperes	6.15	7.79	9.93	12.5	15.3	18.5	14.2

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

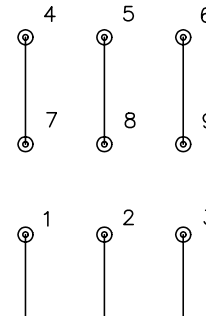




CD0005


 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