

ABB BALDOR RELIANCE III

Customer information packet

L1508T

5HP, 1745RPM, 1PH, 60HZ, 213T, 3727L, OPSB, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPSB
Frame	213T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	5.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
Agency Approvals	C UR US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	27.000 A @ 230.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	77.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	27.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	G

Part Detail

Revision	W
Type	AC
Mech. spec.	37K214
Base	
Status	PRD/A
Elec. spec.	37WGT912
Layout	37LYK214
Eff. date	05-13-2024
CD Diagram	CD0017A01
Poles	04
Leads	2#12 A PH,2#14 B PH
Proprietary	False
Created date	03-08-2006

Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	2 @ 12 AWG, A PH
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3727L
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.32 IN
Power Factor	78
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.375 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1725 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1256L										
CAT.NO.	L1508T									
SPEC.	37K214T912									
HP	5									
VOLTS	230									
AMP	27									
RPM	1725									
FRAME	213T		HZ	60		PH	1			
SER.F.	1.15	CODE	G	DES	L	CLASS	F			
NEMA-NOM-EFF	77	PF	78							
RATING	40C AMB-CONT									
CC										
DE	6307		ODE	6206						
ENCL	OPSB	SN								

Accessories

Part number	Description	Multiplier
37-1404	C FACE KIT	A8

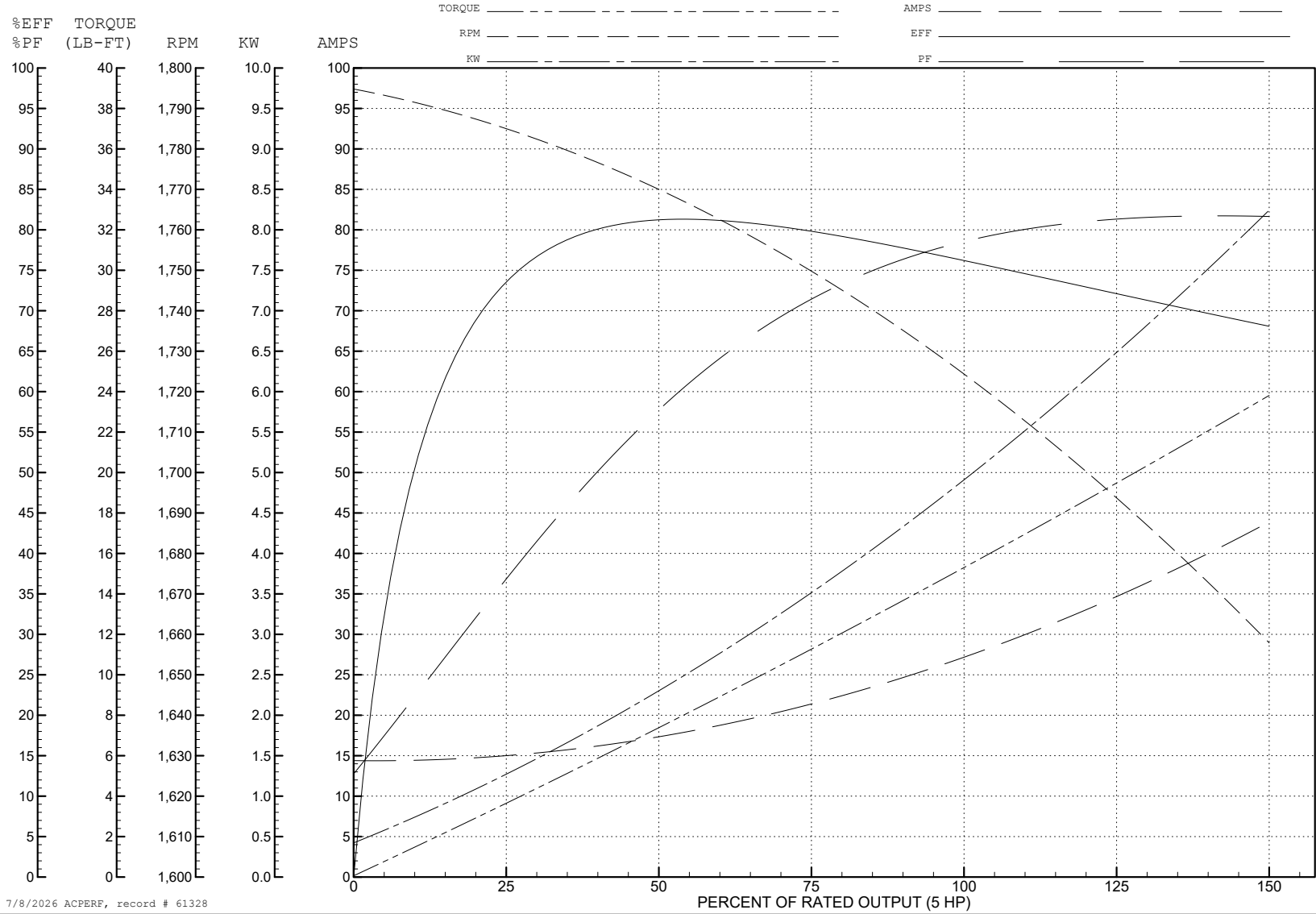
ABB Motors and Mechanical Inc.

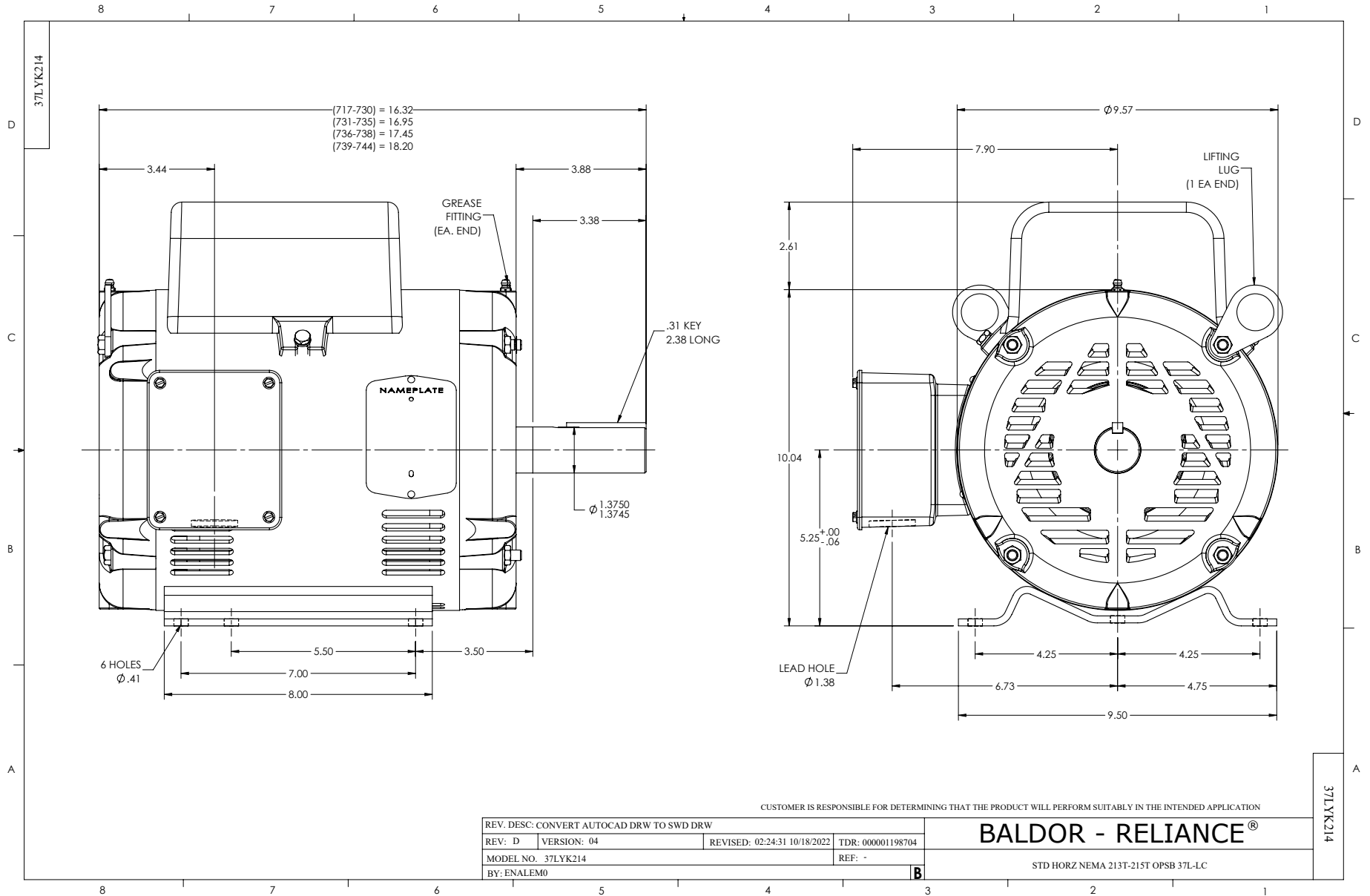
WINDING # 37WGT912

Typical performance - not guaranteed values.

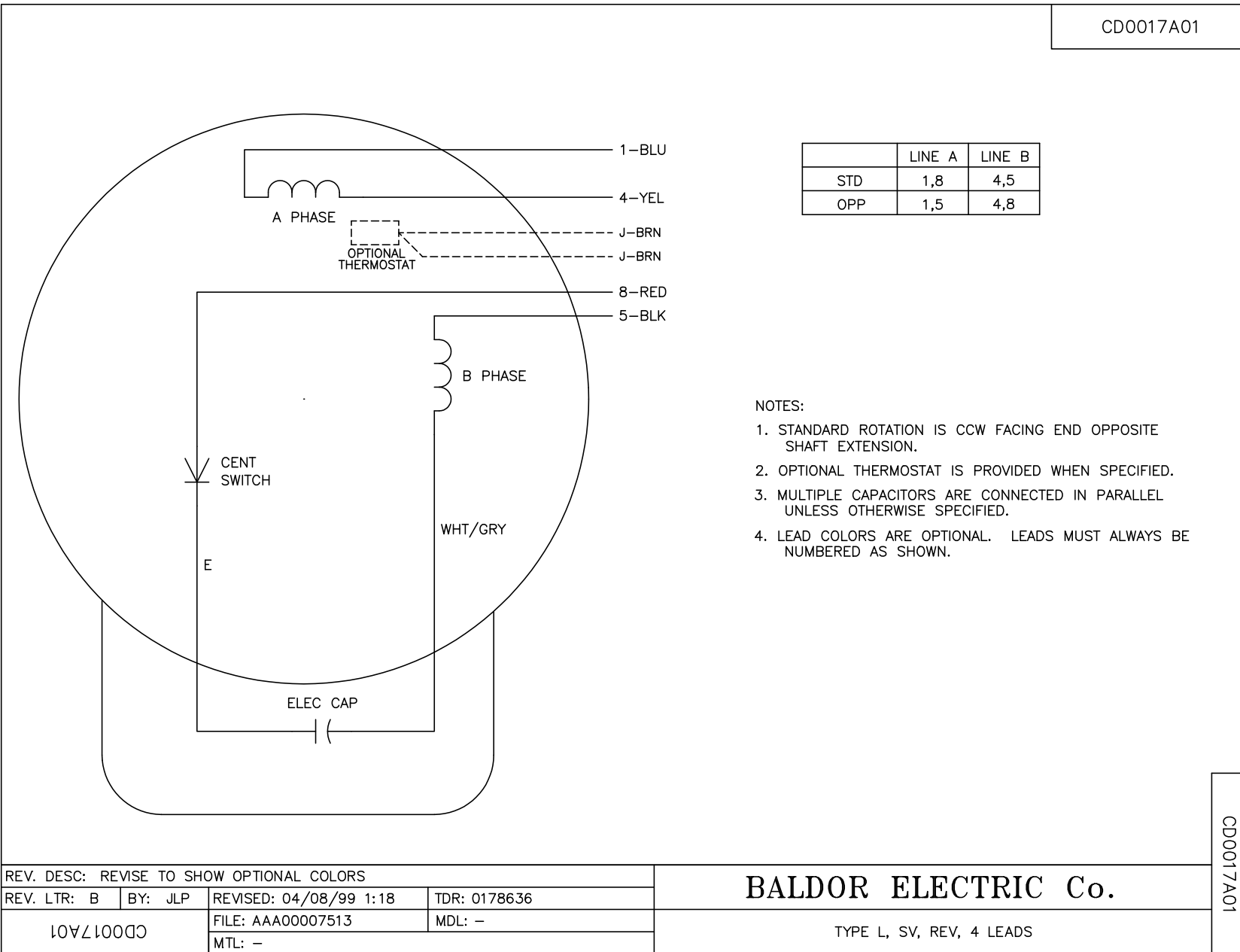
5 HP 1 PH 60 HZ 1725 RPM 230 V 3727L

TORQUES (LB-FT): PO=43 PU=30.8 LR=46.9 LRA=132





CD0017A01



CD0017A01

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: B	BY: JLP	REVISED: 04/08/99 1:18	TDR: 0178636
10VZ1000		FILE: AAA00007513	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE L, SV, REV, 4 LEADS