

ABB BALDOR RELIANCE III

Customer information packet

EM3313T-8

10HP, 1770RPM, 3PH, 60HZ, 215T, 3740M, OPSB, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPSB
Frame	215T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	10.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	200.0 V @ 60 HZ
Agency Approvals	NEMA PREMIUM (OLD LOGO) CURUSEEV NEMA PREMIUM
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	30.300 A @ 208.0 V 29.500 A @ 200.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.7 %
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	29.5 a

Part Detail

Revision	AD
Type	AC
Mech. spec.	37F614
Base	
Status	PRD/A
Elec. spec.	37WGT937
Layout	37LYF614
Eff. date	01-22-2026
CD Diagram	CD0006
Poles	04
Leads	3#10
Proprietary	False
Created date	03-15-2006

Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	3 @ 10 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3740M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	17.45 IN
Power Factor	80
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
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	1770 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

NP3553L									
CAT.NO.	EM3313T-8								
SPEC	37F614T937								
HP	10								
VOLTS	200								
AMPS	29.5								
RPM	1770								
FRAME	215T	HZ	60	PH	3				
SF	1.15	CODE	J	DES	A	CLASS	F		
NEMA NOM. EFF	91.7	PF	80						
RATING	40C AMB-CONT								
CC	010A								
ENCL	OPSB	SER							
DE	6307	ODE	6206						
VPWM INVERTER READY	SFA 33.3								
CT30-60(2:1) VT3-60(20:1)									

Accessories

Part number	Description	Multiplier
37-1404	C FACE KIT	A8

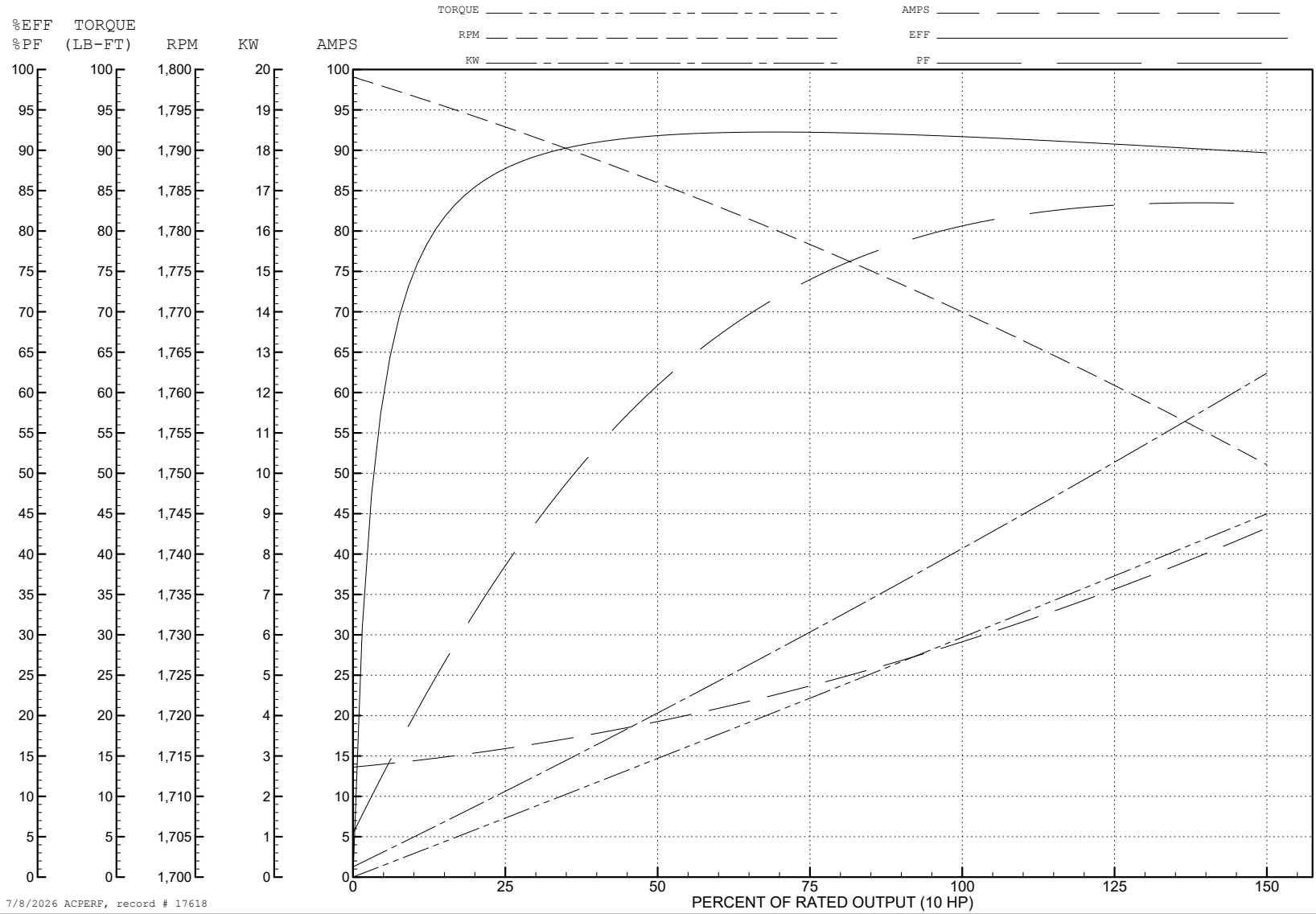
ABB Motors and Mechanical Inc.

WINDING # 37WGT937

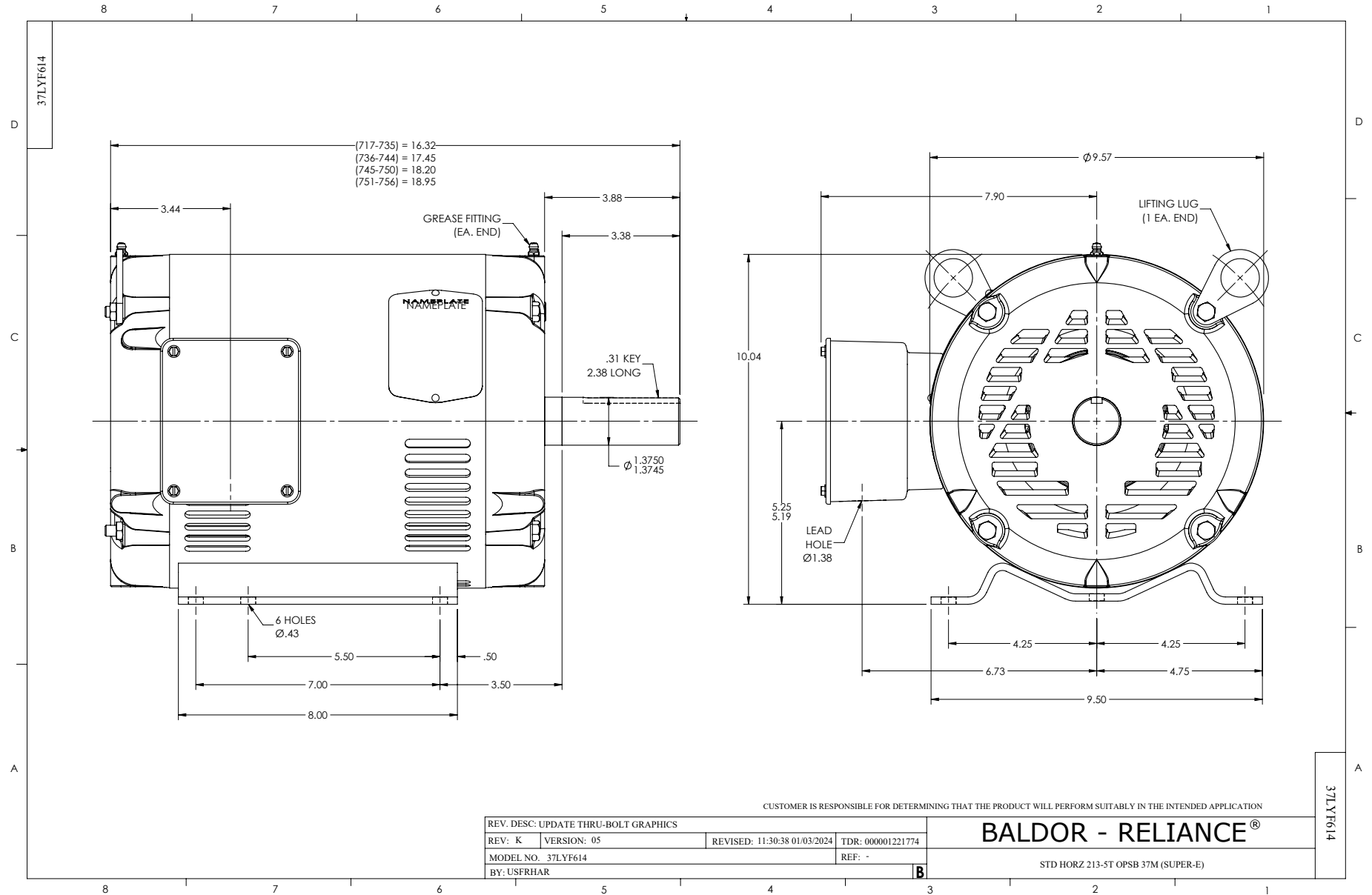
Typical performance - not guaranteed values.

10 HP 3 PH 60 HZ 1770 RPM 200 V 3740M

TORQUES (LB-FT): PO=90.9 PU=49.2 LR=54.9 LRA=215



7/8/2026 ACPERF, record # 17618



CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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