

ABB BALDOR RELIANCE III

Customer information packet

M1024T

5/2.2HP, 1725/1140RPM, 3PH, 60HZ, 215T, 3735M

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
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	5.000 HP @ 60 HZ 2.200 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
Agency Approvals	UR CSA
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	12.800 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
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	7.0 a
Insulation Class	F
Inverter Code	Not Inverter

Part Detail

Revision	AH
Type	AC
Mech. spec.	37B001
Base	
Status	PRD/A
Elec. spec.	37WGW024
Layout	37LYB001
Eff. date	09-05-2025
CD Diagram	CD0013
Poles	04/06
Leads	6#14
Proprietary	False
Created date	01-01-0001

KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3735M
Mounting Arrangement	F1
Number of Poles	4 6
Overall Length	16.32 IN
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	1140 rpm 1725 rpm
Speed Code	2S-2W-VT
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.	M1024T								
SPEC.	37B01W24								
HP	5/2.2								
VOLTS	230								
AMP	12.8/7								
RPM	1725/1140								
FRAME	215T		HZ	60		PH	3		
SER.F.	1.15	CODE	J	DES	B	CLASS	F		
NEMA-NOM-EFF		PF							
RATING	40C AMB-CONT								
CC									
DE	6307		ODE	6206					
ENCL	OPEN	SN							

Accessories

Part number	Description	Multiplier
37-1404	C FACE KIT	A8

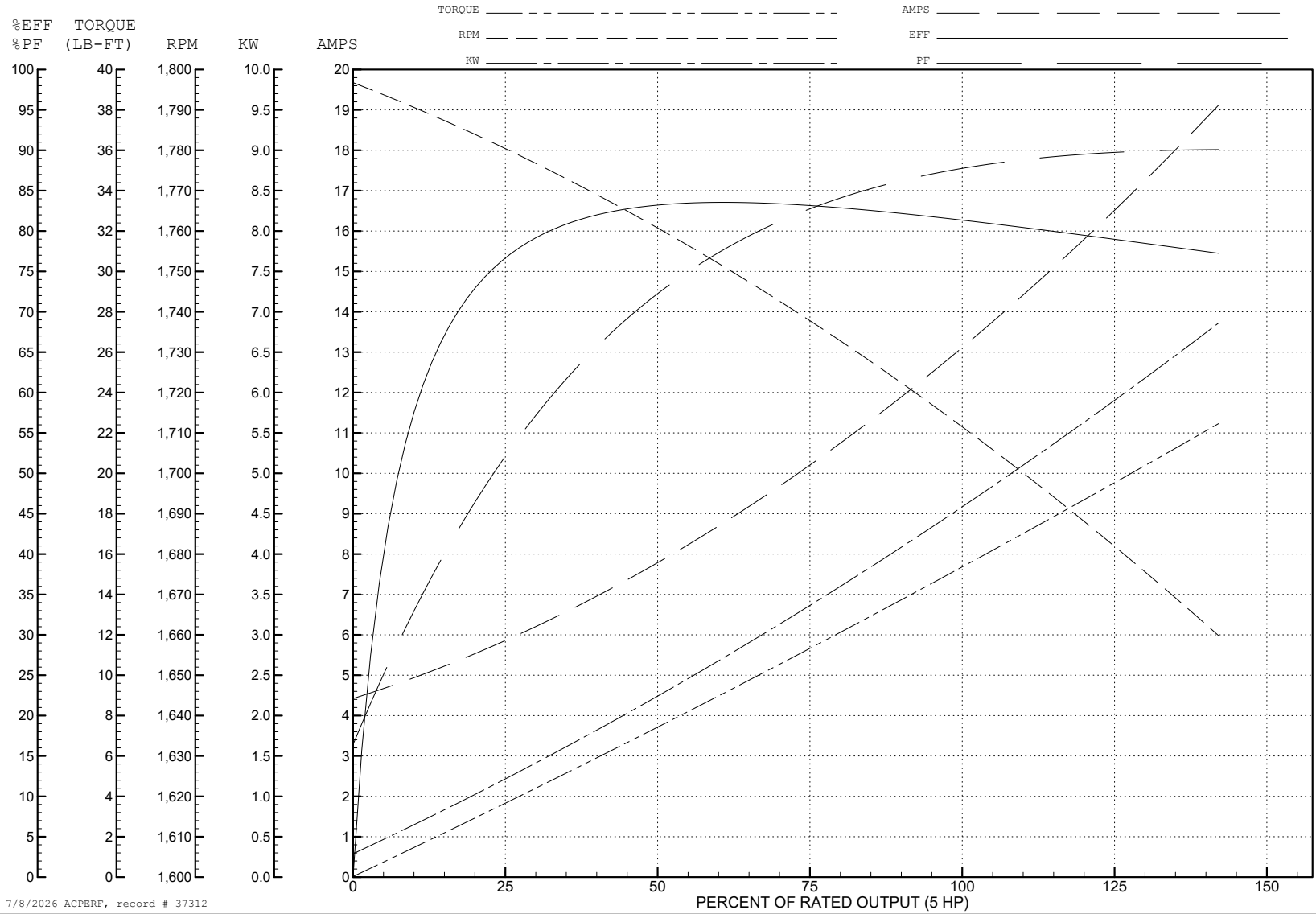
ABB Motors and Mechanical Inc.

WINDING # 37WGW024

5 HP 3 PH 60 HZ 1715 RPM 230 V 3735M

Typical performance - not guaranteed values.

TORQUES (LB-FT) : PO=50 PU=38 LR=49 LRA=92



7/8/2026 ACPERF, record # 37312

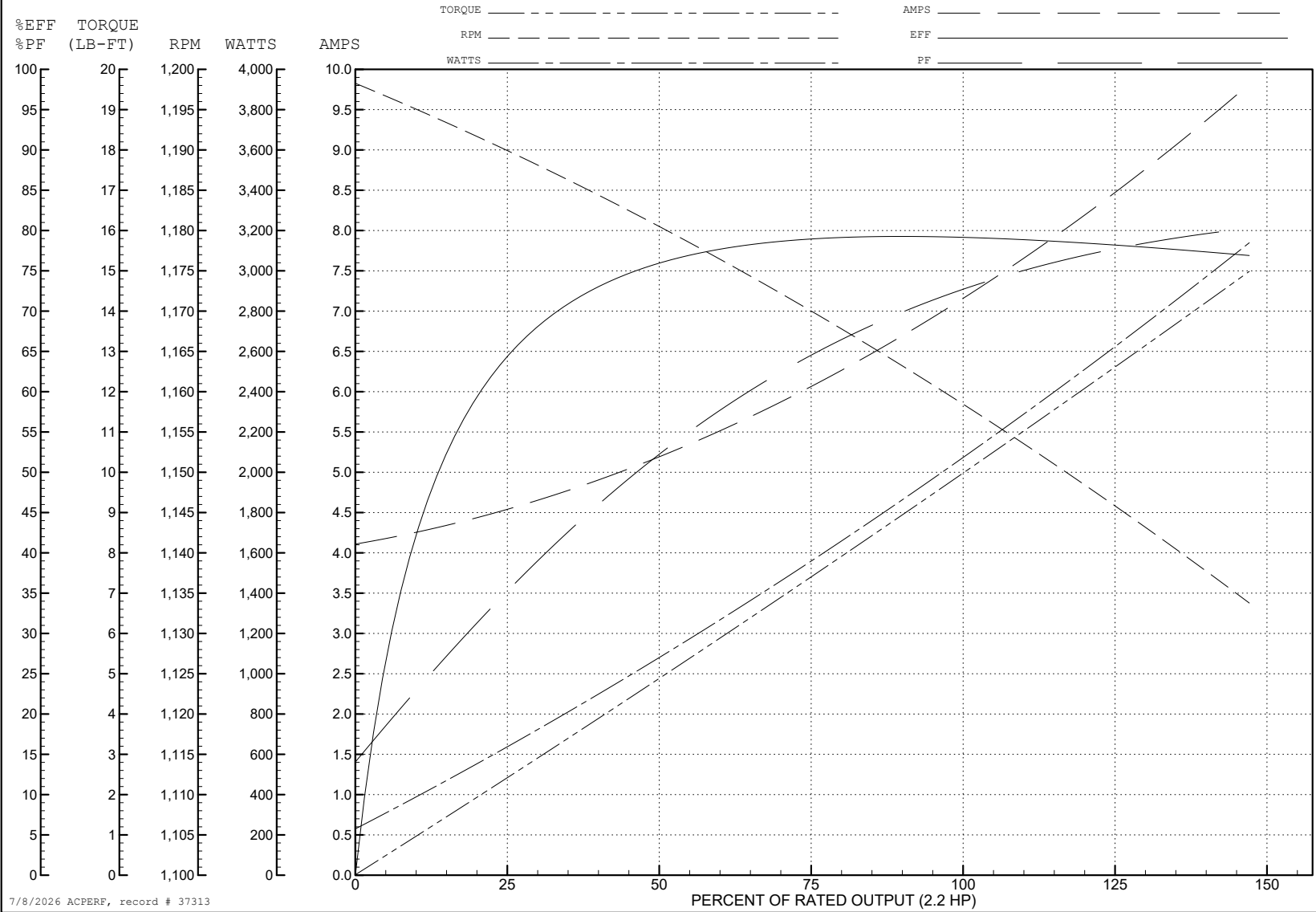
ABB Motors and Mechanical Inc.

WINDING # 37WGW024

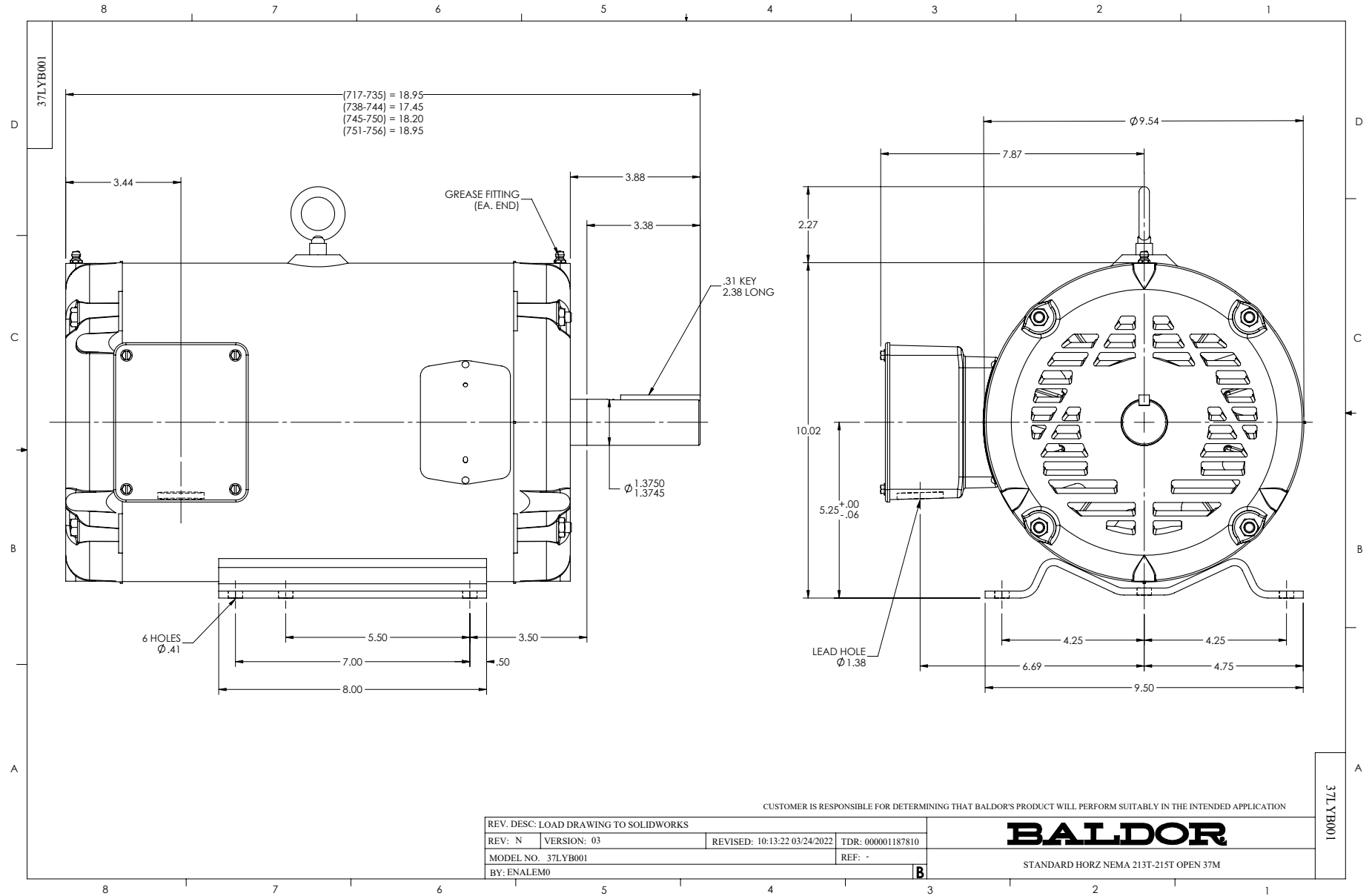
2.2 HP 3 PH 60 HZ 1159 RPM 230 V 3735M

Typical performance - not guaranteed values.

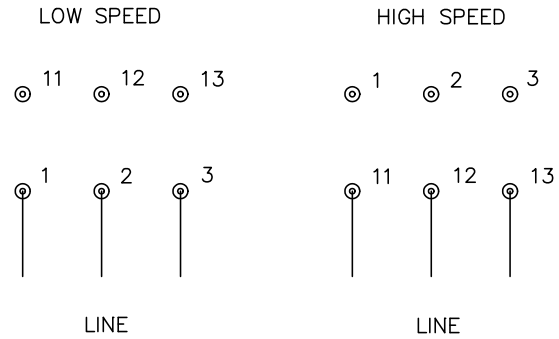
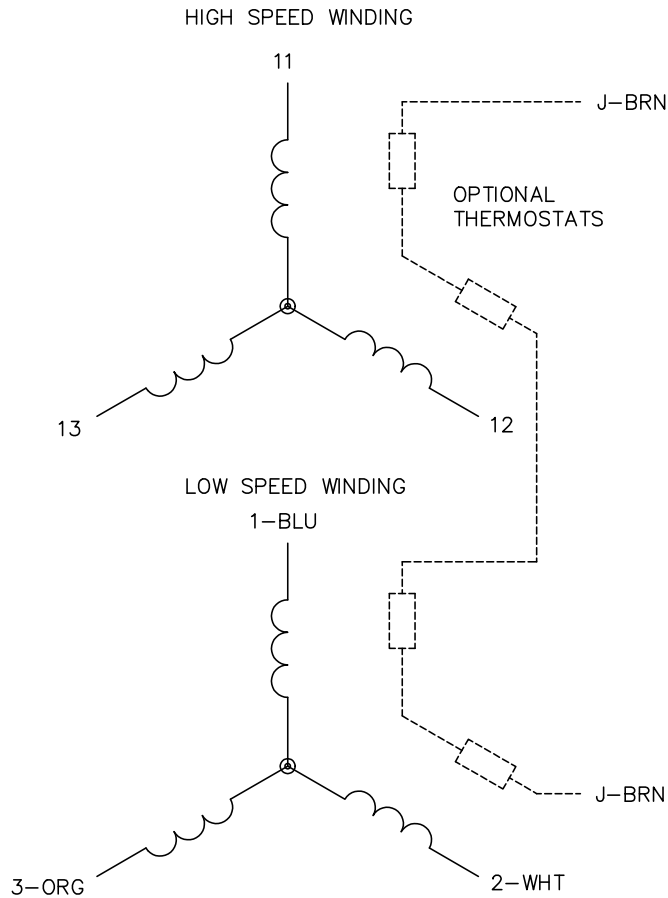
TORQUES (LB-FT): PO=29 PU=20 LR=21 LRA=42



7/8/2026 ACPERF, record # 37313



CD0013



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 VARY.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0013

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 01/22/99 8:50	TDR: 0171435
Ω 10000		FILE: AAA00005143	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, SV, 6 LEADS, 2-SPEED 2-WINDING