

ABB BALDOR RELIANCE III

Customer information packet

PSC3524A

.5HP, 1625RPM, 1PH, 60HZ, 48Z, 3418C, TEAO, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEAO
Frame	48Z
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Oil Capacitor Start and Run
Output @ Frequency	.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 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	3.000 A @ 230.0 V 6.000 A @ 115.0 V
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	65.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Terminal Panel
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	3.0 a
Insulation Class	B

Part Detail

Revision	V
Type	AC
Mech. spec.	34G144
Base	
Status	PRD/A
Elec. spec.	34WGW538
Layout	34LYG144
Eff. date	04-30-2025
CD Diagram	CD0028
Poles	04
Leads	7#18
Proprietary	False
Created date	01-01-0001

Inverter Code	Not Inverter
KVA Code	-
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Terminal Panel Or Lead Hole
Motor Lead Quantity/Wire Size	7 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3418C
Mounting Arrangement	F1
Number of Poles	4
Overall Length	11.96 IN
Power Factor	81
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.500 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1625 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	Automatic Thermal Overload
Winding Thermal 1 Location	SB

Nameplate

NP1257L	
CAT.NO.	PSC3524A
SPEC.	34G144W538
HP	.5 AIR OVER
VOLTS	115/230
AMP	6/3
RPM	1625
FRAME	48Z HZ 60 PH 1
SER.F.	1.00 CODE - DES - CL B
NEMA-NOM-EFF	65 PF 81
RATING	40C AMB-CONT
CC	
DE	6203 ODE 6203
ENCL	TEAO SN

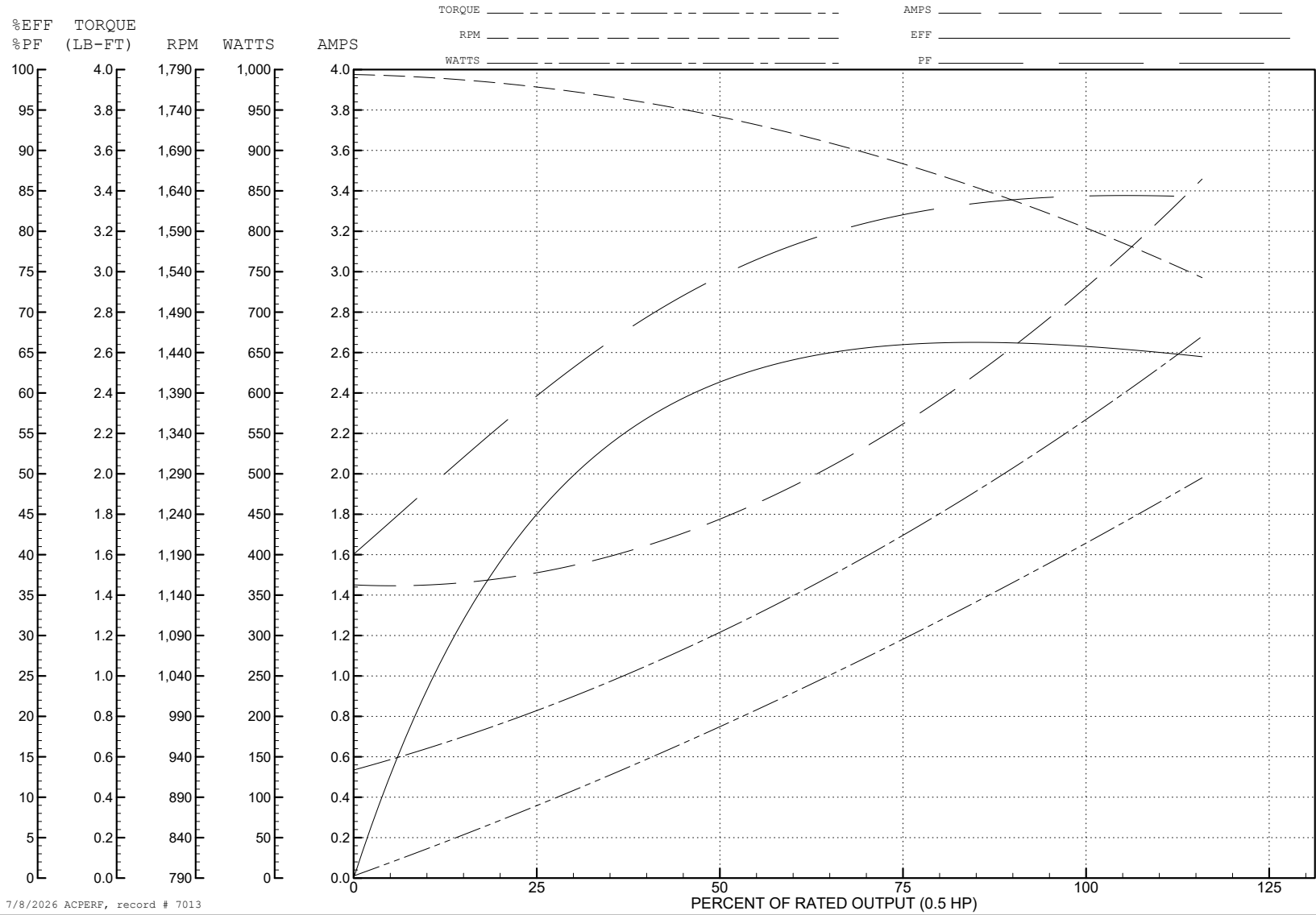
ABB Motors and Mechanical Inc.

WINDING # 34WG538

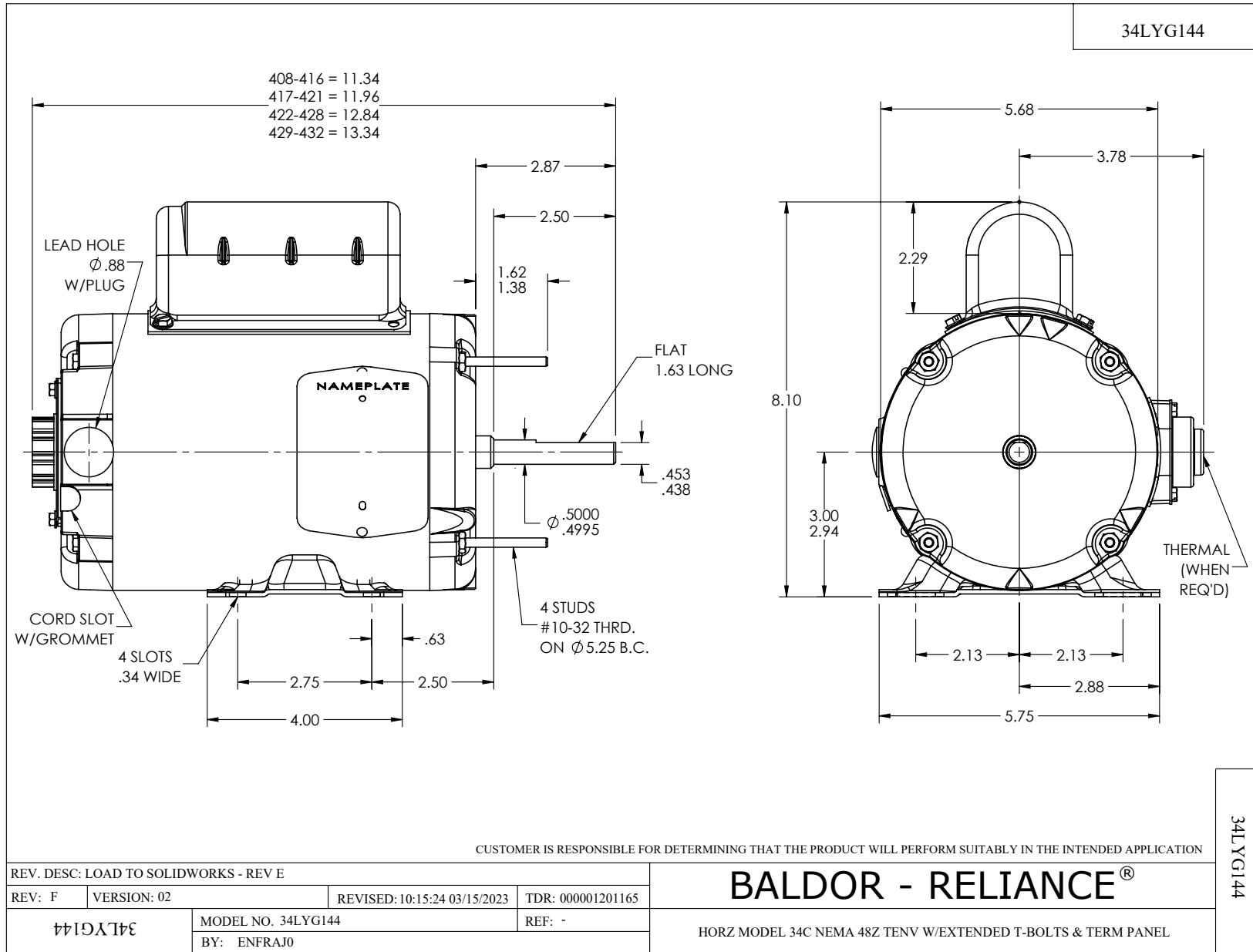
0.5 HP 1 PH 60 HZ 1625 RPM 230 V 3418C

Typical performance - not guaranteed values.

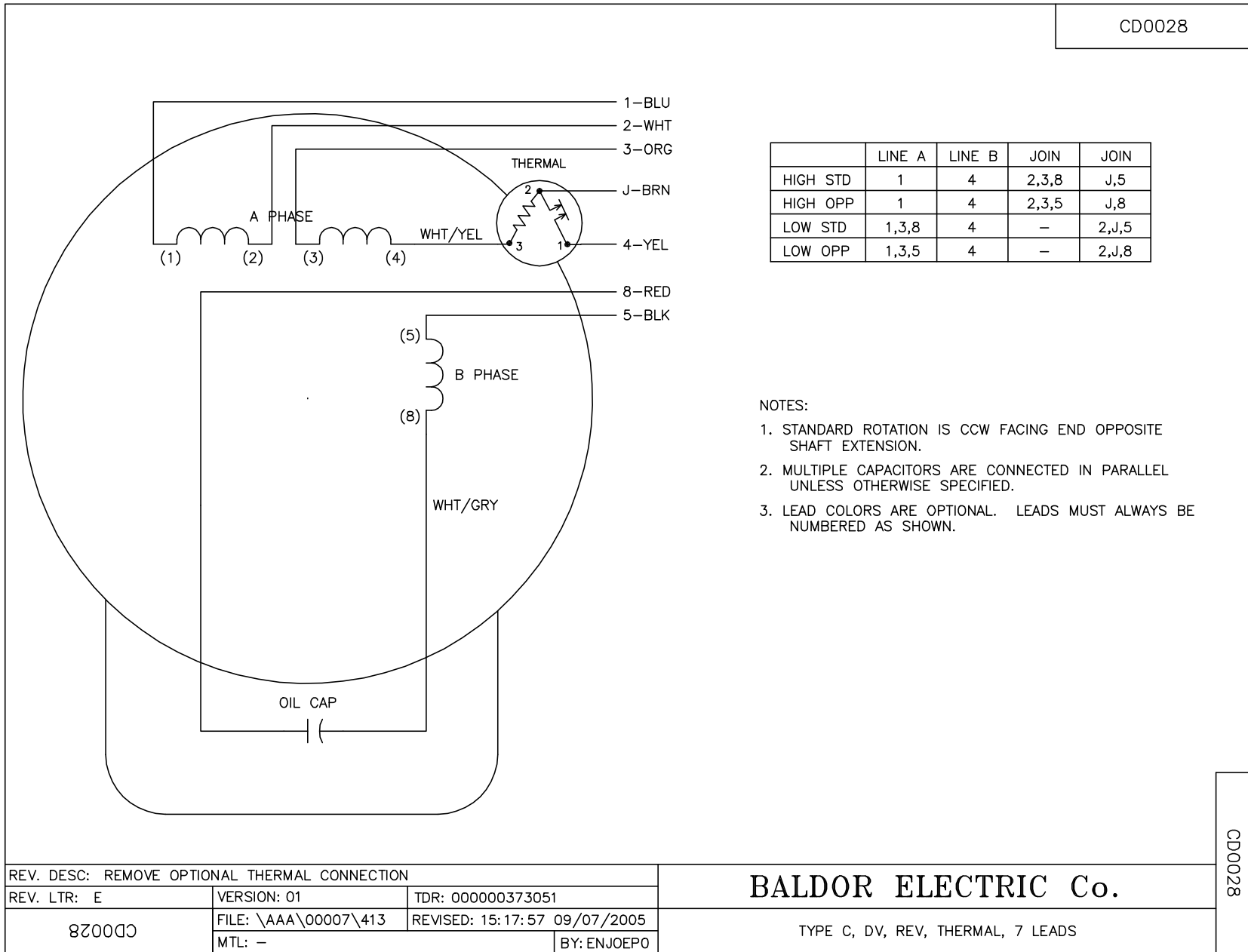
TORQUES (LB-FT): PO=2.4 PU=0.6 LR=0.8 LRA=1.5



7/8/2026 ACPERF, record # 7013



CD0028



REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: E	VERSION: 01	TDR: 000000373051
8Z00D0	FILE: \AAA\00007\413	REVISED: 15:17:57 09/07/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE C, DV, REV, THERMAL, 7 LEADS

CD0028