

ABB BALDOR RELIANCE III

Customer information packet

GNEM3661T

36M 4P TEFC HOR 182T SUPER E, IE3

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	182T
Frame Material	Iron
Frequency	50.00 Hz 60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	3.000 HP @ 60 HZ 3.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	190.0 V @ 50 HZ 208.0 V @ 60 HZ 230.0 V @ 60 HZ 380.0 V @ 50 HZ 460.0 V @ 60 HZ
Agency Approvals	WEEE UKCA NEMA PREMIUM (OLD LOGO) NEMA PREMIUM IE3 CURUS CE
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	9.000 A @ 208.0 V 8.800 A @ 230.0 V

Part Detail

Revision	K
Type	AC
Mech. spec.	06C101
Base	
Status	PRD/A
Elec. spec.	06WGX848
Layout	06LYC101
Eff. date	08-05-2024
CD Diagram	CD0005
Poles	04
Leads	9#16
Proprietary	False
Created date	12-14-2018

5.100 A @ 380.0 V
 4.400 A @ 460.0 V
 10.200 A @ 190.0 V

Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	90.2 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	4.4 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0636M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	15.24 IN
Power Factor	74
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	1.125 IN

Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1460 rpm 1760 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

NP4304L

CAT.NO.	GNEM3661T					
SPEC.	06C101X848G1					
HP	3/2.2KW	PH	3			
VOLTS	208-230/460//190/380					
AMPS	9-8.8/4.4//10.2/5.1					
R.P.M. (1/MIN)	1760//1460	WT.	49KG	KG		
FRAME	182T	HZ	60//50	I.P.	44	
SER.F.	1.15	CODE	K	DES.	A	CLASS F
NOM.EFF.	90.2//87.6	% (100%)				
P.F.	74	IC411, 10:1 VT				
RATING	40C AMB-S1 CONT	CC	010A			
DE	6206	ODE	6205			
ENCL	TEFC	SN				
	IE3 60HZ 89.8 (75%) 88.0 (50%)					
	IE3 50HZ 89.5 (75%) 88.5 (50%)					

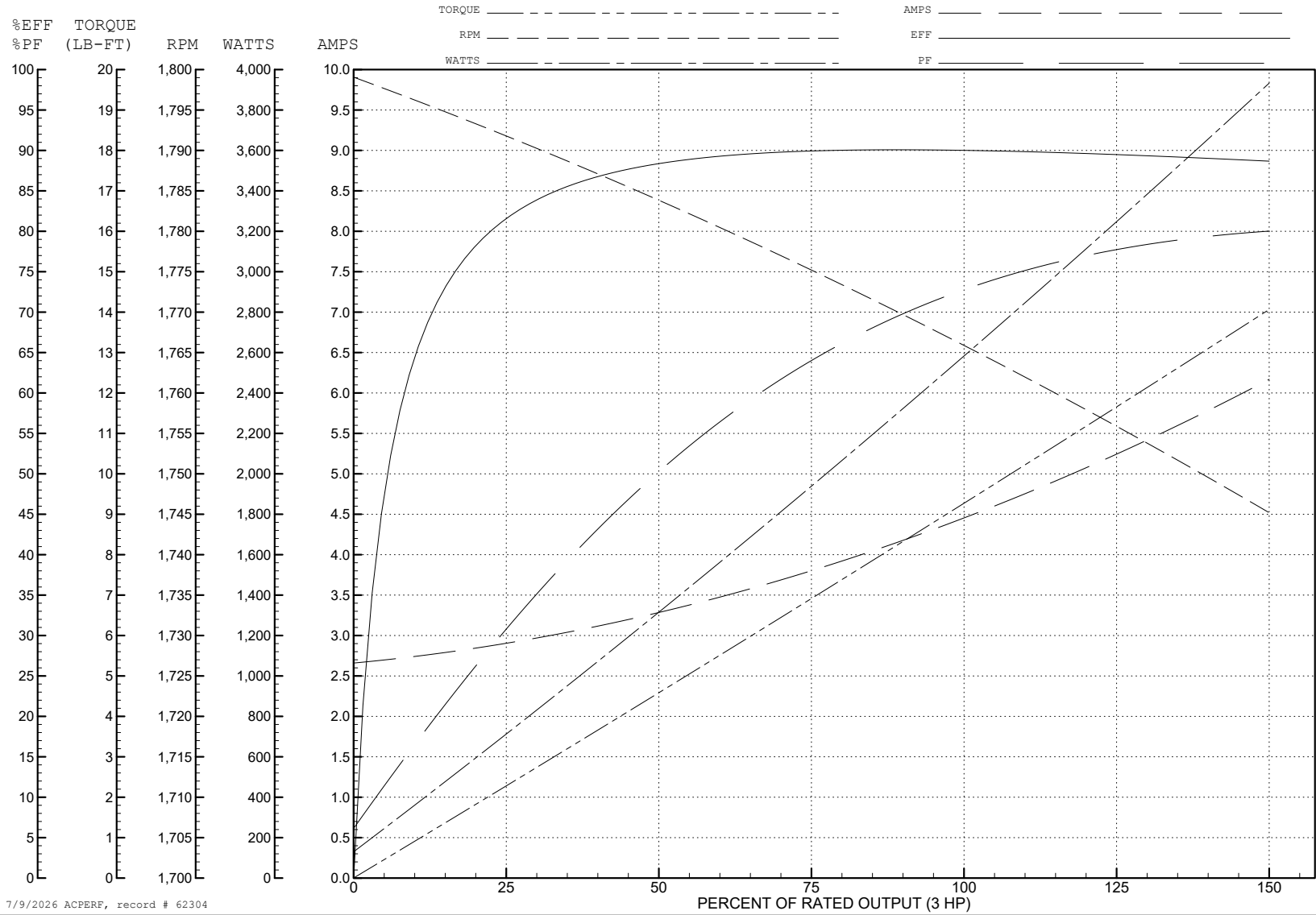
ABB Motors and Mechanical Inc.

WINDING # 06WGX848

3 HP 3 PH 60 HZ 1767 RPM 460 V 0636M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=41.11 PU=20.45 LR=24.25 LRA=36.84



7/9/2026 ACPERF, record # 62304

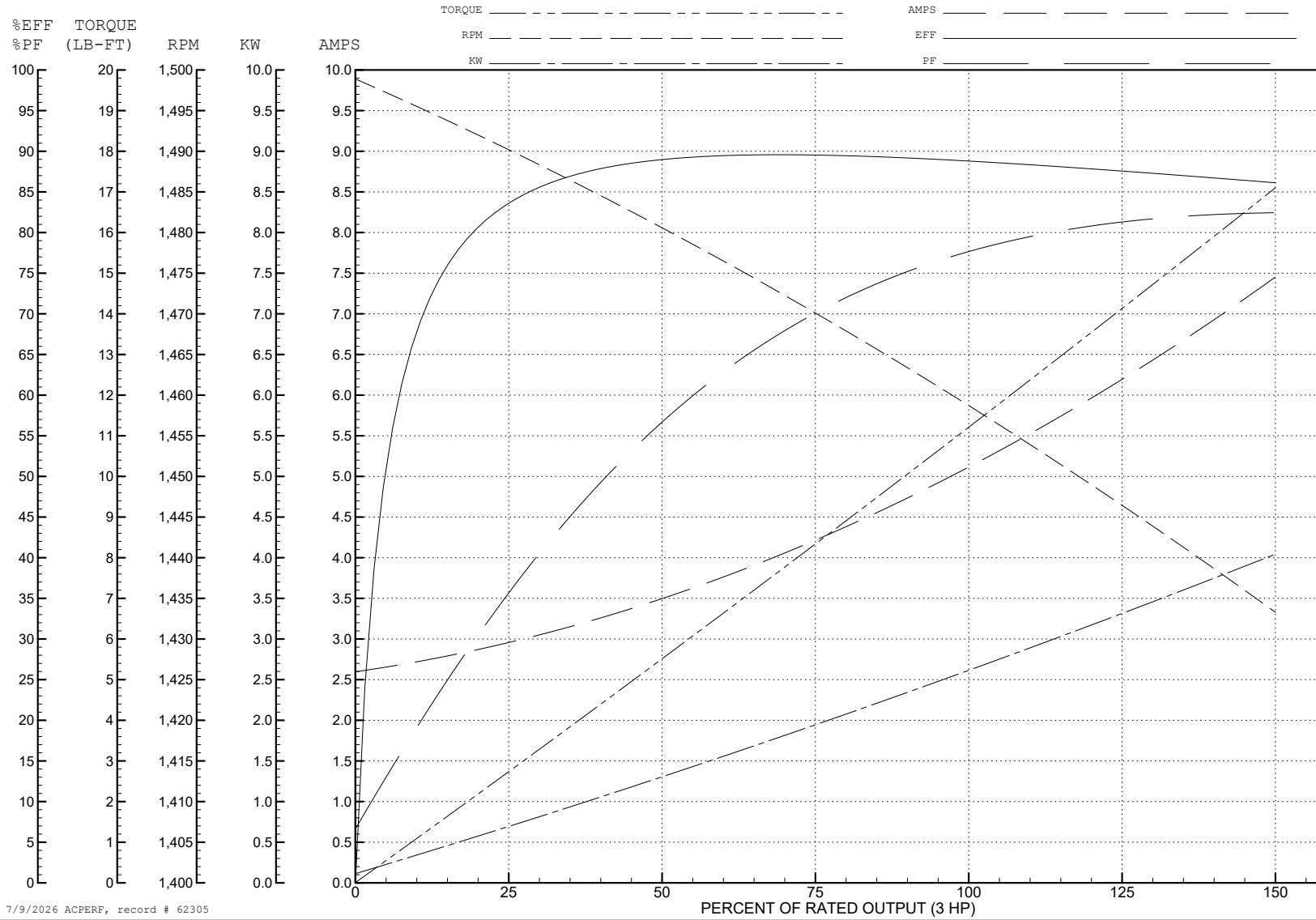
ABB Motors and Mechanical Inc.

WINDING # 06WGX848

3 HP 3 PH 50 HZ 1460 RPM 380 V 0636M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=38.77 PU=20.79 LR=24.65 LRA=35.48



7/9/2026 ACPERF, record # 62305

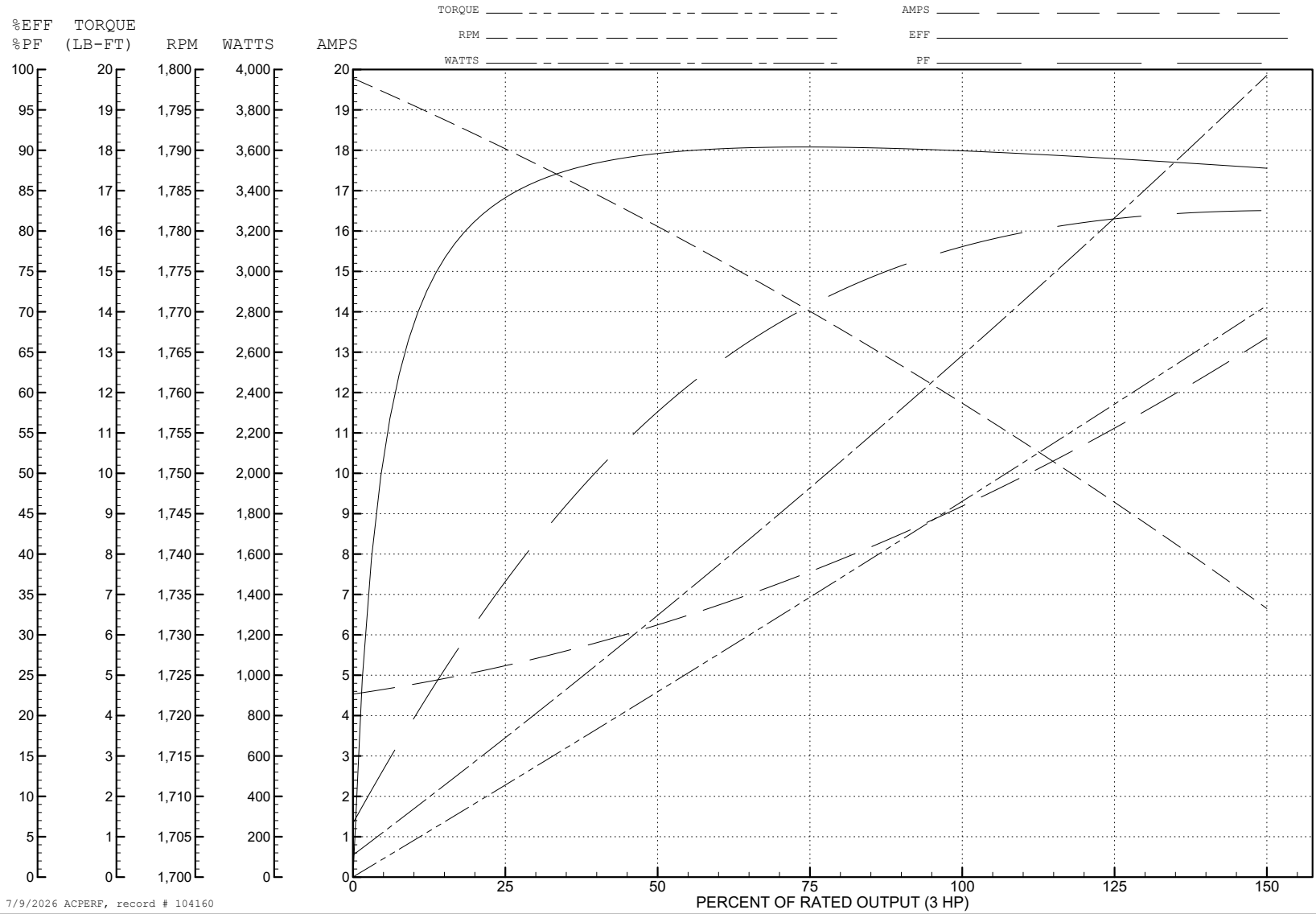
ABB Motors and Mechanical Inc.

WINDING # 06WGX848

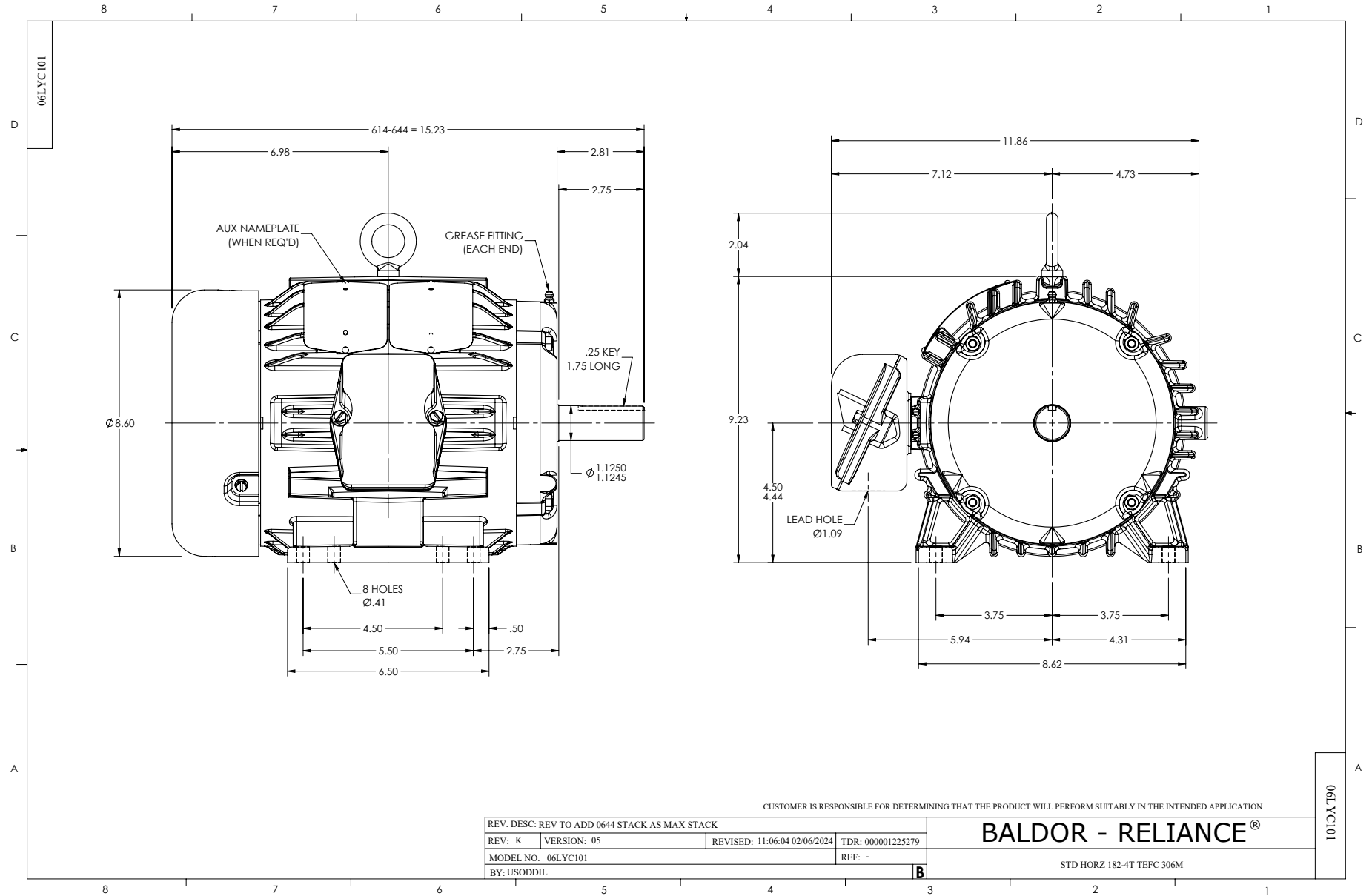
3 HP 3 PH 60 HZ 1760 RPM 208 V 0636M

Typical performance - not guaranteed values.

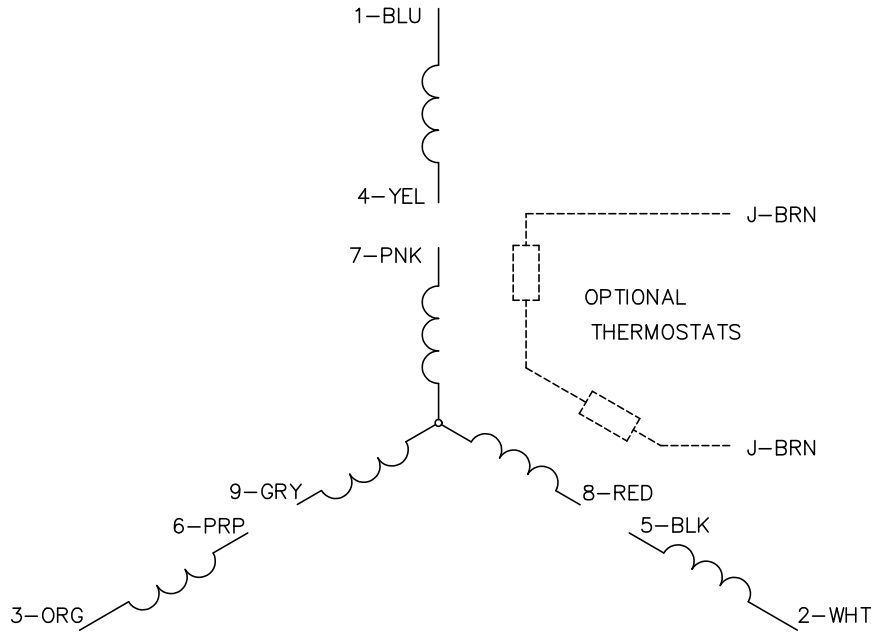
TORQUES (LB-FT): PO=33.3 PU=16.4 LR=19.4 LRA=65.9



7/9/2026 ACPERF, record # 104160



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
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005