



Customer information packet

EM2394T-G

15HP, 3525RPM, 3PH, 60HZ, 254T, TEFC, F1

Part detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	M-09WG-Z602
Layout	09LYJ359
Eff. date	04-16-2024
CD Diagram	CD0180
Poles	02
Leads	9#12 NA NA,0#0 NA NA,0#0 NA NA,0#0 NA NA
Proprietary	False
Created date	05-09-2022

Nameplate

NP3441L										
CAT.NO.	EM2394T-G									
SPEC.	09-0000-3899									
HP	15									
VOLTS	230/460									
AMP	35/17.5									
RPM	3520									
FRAME	254T		HZ	60			PH	3		
SER.F.	1.15	CODE	G	DES	B	CL	H			
NEMA-NOM-EFF	91	PF	87							
RATING	40C AMB-CONT									
CC	010A									
DE	6309		ODE	6208						
ENCL	TEFC	SN								
VPWM INVERTER READY										
CT6-60H(10:1)VT3-60H(20:1										
	SFA 39.7/19.9									

AC Induction Motor Performance Data

Record # 31412

Typical performance - not guaranteed values

Winding: 09WGZ602-R001			Type: 0930M		Enclosure: TEFC	
Nameplate Data				460 V, 60 Hz: High Voltage Connection		
Rated Output (HP)		15		Full Load Torque		22.1 LB-FT
Volts		230/460		Start Configuration		direct on line
Full Load Amps		35/17.5		Breakdown Torque		105 LB-FT
R.P.M.		3525		Pull-up Torque		26.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque		36.3 LB-FT
NEMA Design Code		B	KVA Code	G	Starting Current	
Service Factor (S.F.)		1.15		No-load Current		5.58 A
NEMA Nom. Eff.		91	Power Factor	87	Line-line Res. @ 25°C	
Rating - Duty		40C		AMB-CONT		Temp. Rise @ Rated Load
S.F. Amps				Temp. Rise @ S.F. Load		78°C
				Locked-rotor Power Factor		30
				Rotor inertia		0.766 lb-ft²

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	55	77	85	87	89	89	88
Efficiency	86.4	91	91.6	91	90	88.6	90.4
Speed	3582.7	3563.6	3542.7	3520.9	3495.8	3468.3	3506
Line amperes	6.93	9.78	13.5	17.5	21.6	26.4	20

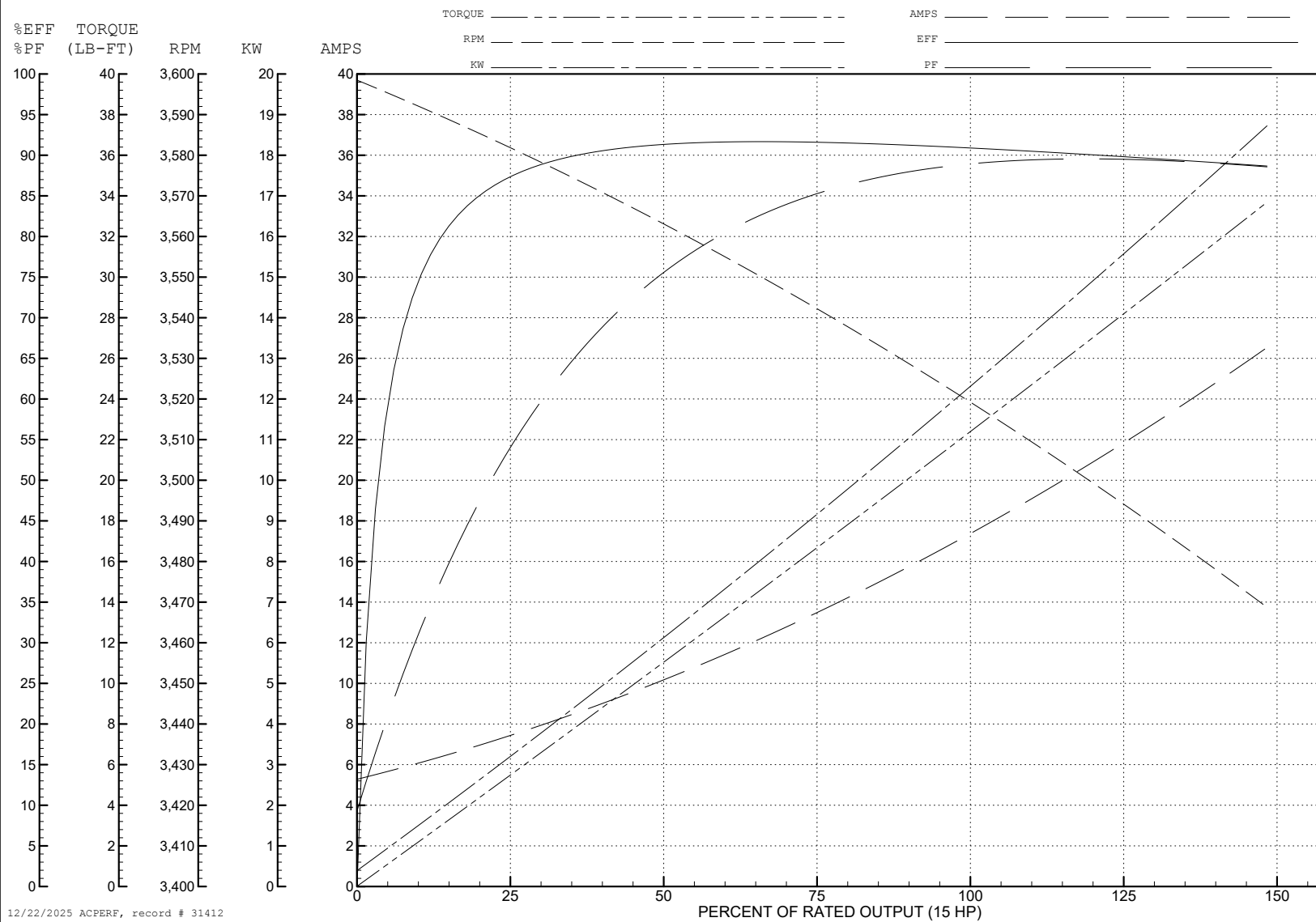
ABB Motors and Mechanical Inc.

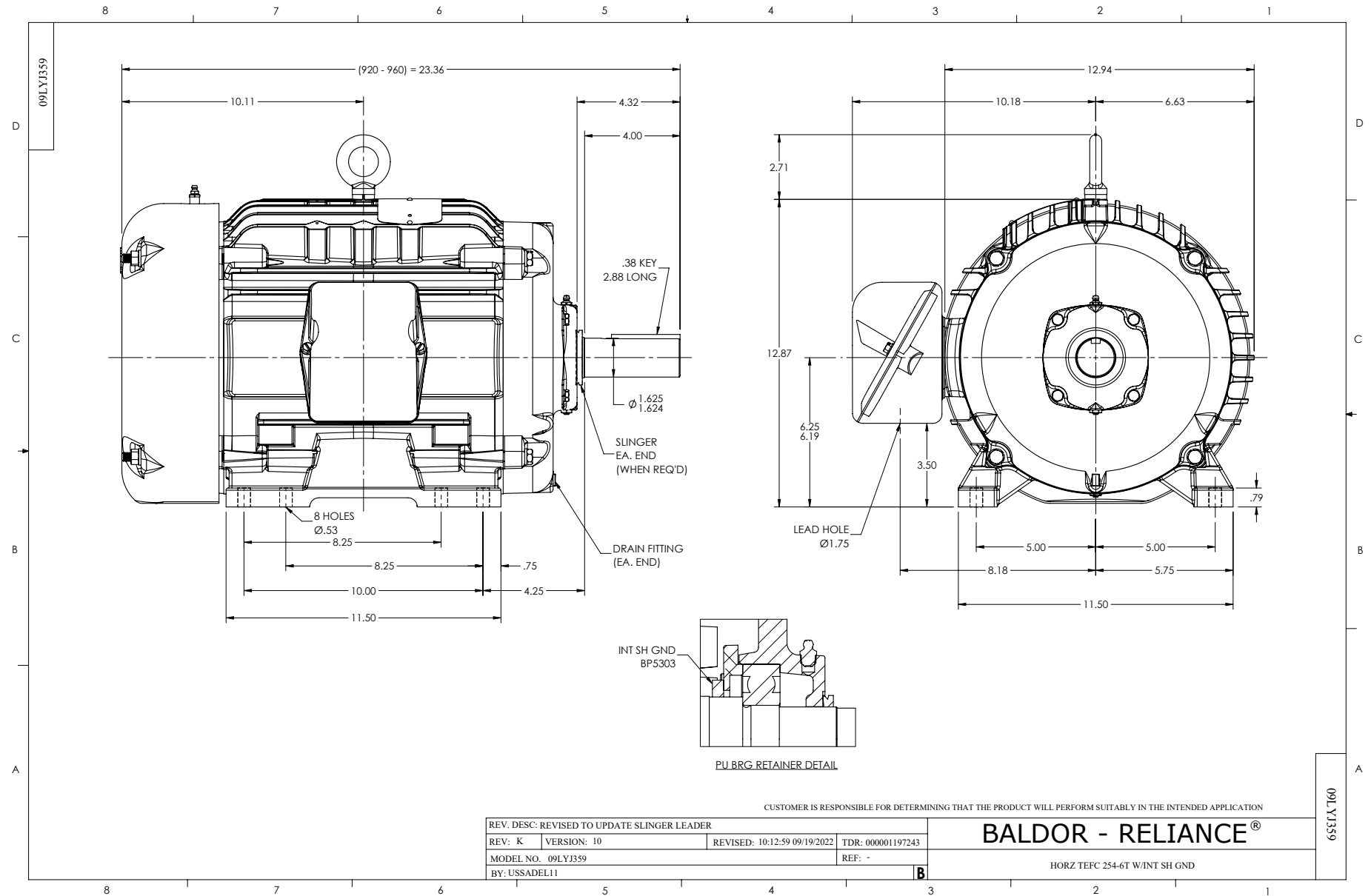
WINDING # 09WGZ602

Typical performance - not guaranteed values.

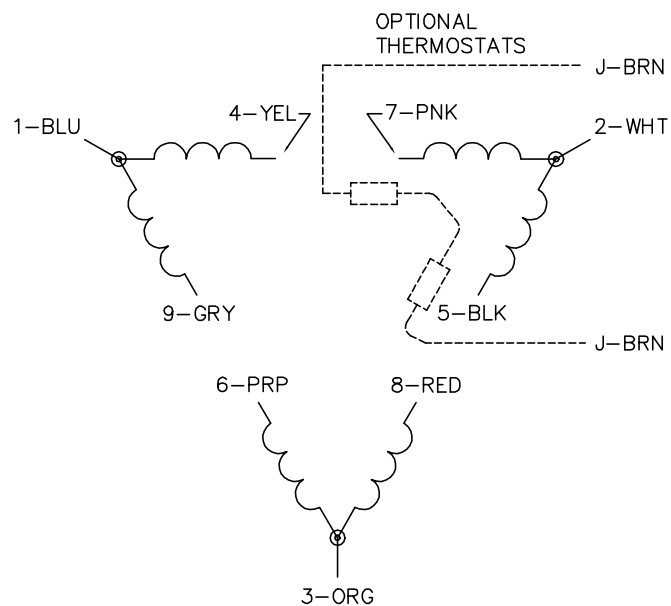
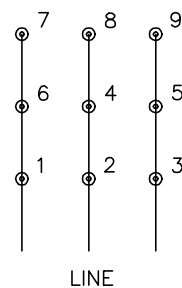
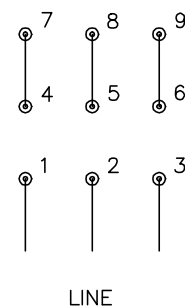
15 HP 3 PH 60 HZ 3525 RPM 460 V 0930M

TORQUES (LB-FT): PO=105 PU=26.2 LR=36.3 LRA=110





CD0180

LOW VOLTAGE
(2D)HIGH VOLTAGE
(1D)

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.

CD0180

REV. DESC: ADD CLASS CONN00000007

REV. LTR: D

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\148

REVISED: 10: 25: 29 02/19/2019

BY: ENBRIRO

MTL: —

**BALDOR - RELIANCE®**

3PH, DV, 9 LEADS, DELTA CONNECTION

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