

ABB BALDOR RELIANCE III

Customer information packet

VECP2332T

10HP, 1180RPM, 3PH, 60HZ, 256TC, 0960M, TEFC, F

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	256TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CL I GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	10.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CCSA US CSA EEV NEMA PREMIUM NEMA_PREMIUM UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	1.0
Current @ Voltage	30.000 A @ 208.0 V 28.400 A @ 230.0 V 14.200 A @ 460.0 V
Design Code	A
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.0 %
Electrically Isolated Bearing	Not Electrically Isolated

Part Detail

Revision	AW
Type	AC
Mech. spec.	09H181
Base	
Status	PRD/A
Elec. spec.	09WGX826
Layout	09LYH181
Eff. date	04-30-2026
CD Diagram	CD0180
Poles	06
Leads	9#12
Proprietary	False
Created date	10-15-2006

Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	14.2 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0960M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	27.41 IN
Power Factor	72
Product Family	Super-E Chemical Processing
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1180 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
NP3995ABEL

CAT #		VECP2332T					SER				CC		010A										
SPEC		09H181X826					RATING		40C AMB-CONT														
HZ		VOLTS			AMPS			RPM		HP		CODE		SF		DES		PF		NEMA NOM. EFF			
60		230/460			28.4/14.2			1180		10		J		1.15		A		72 %		91 %			
																		% %					
PH		3	CL		F	MAX RPM		1800	MAX CORR KVAR			5.21	USABLE AT 208V					N/A					
IP55			FR		256TC		ENCL		TEFC		DE BRG		6309		ODE BRG			6309					
GREASE			POLYREX EM												MTR WT			356	LBS				
USABLE AT				50HZ 7.5HP 190/380V 26.4/13.2A												SF1.0							
CL I DIV 2 GRPS A,B,C,D										CL I ZONE 2 GRPS					IIA,IIB,IIC			TEMP T		160	C		
1.0 SF ON PWM INVERTER						POWER		INV TEMP CL			180	C											
CHP		60-90		HZ		1.5:1		CT		1.0-60		HZ		60:1		VT		0-60		HZ		1000:1	
SPACE HEATER LEADS H1-H2:										TIE LIKE NUMBERS					TOGETHER								
V				A				W				MAX SPACE HEATER TEMP											

Typical performance - not guaranteed values

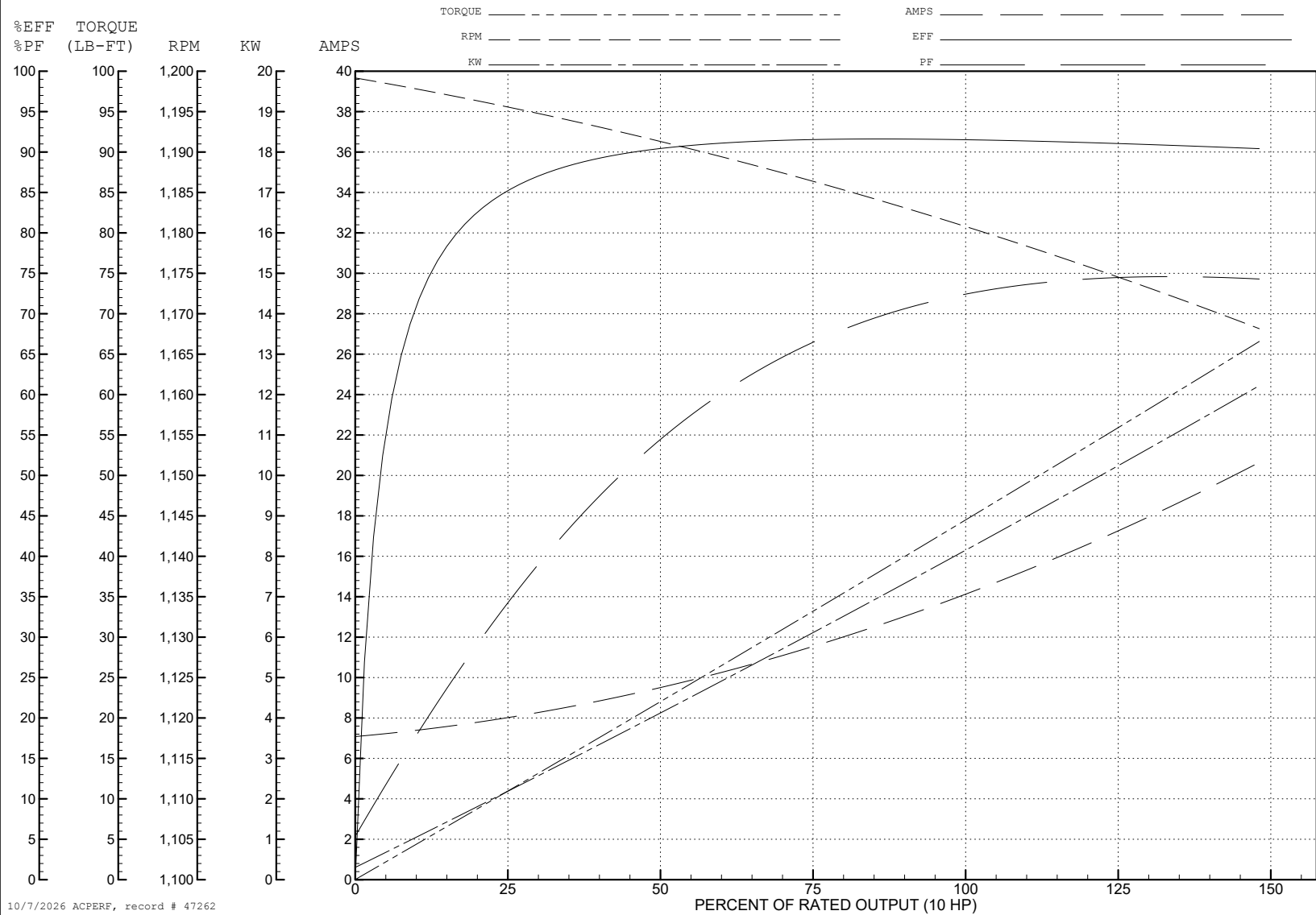
ABB Motors and Mechanical Inc.

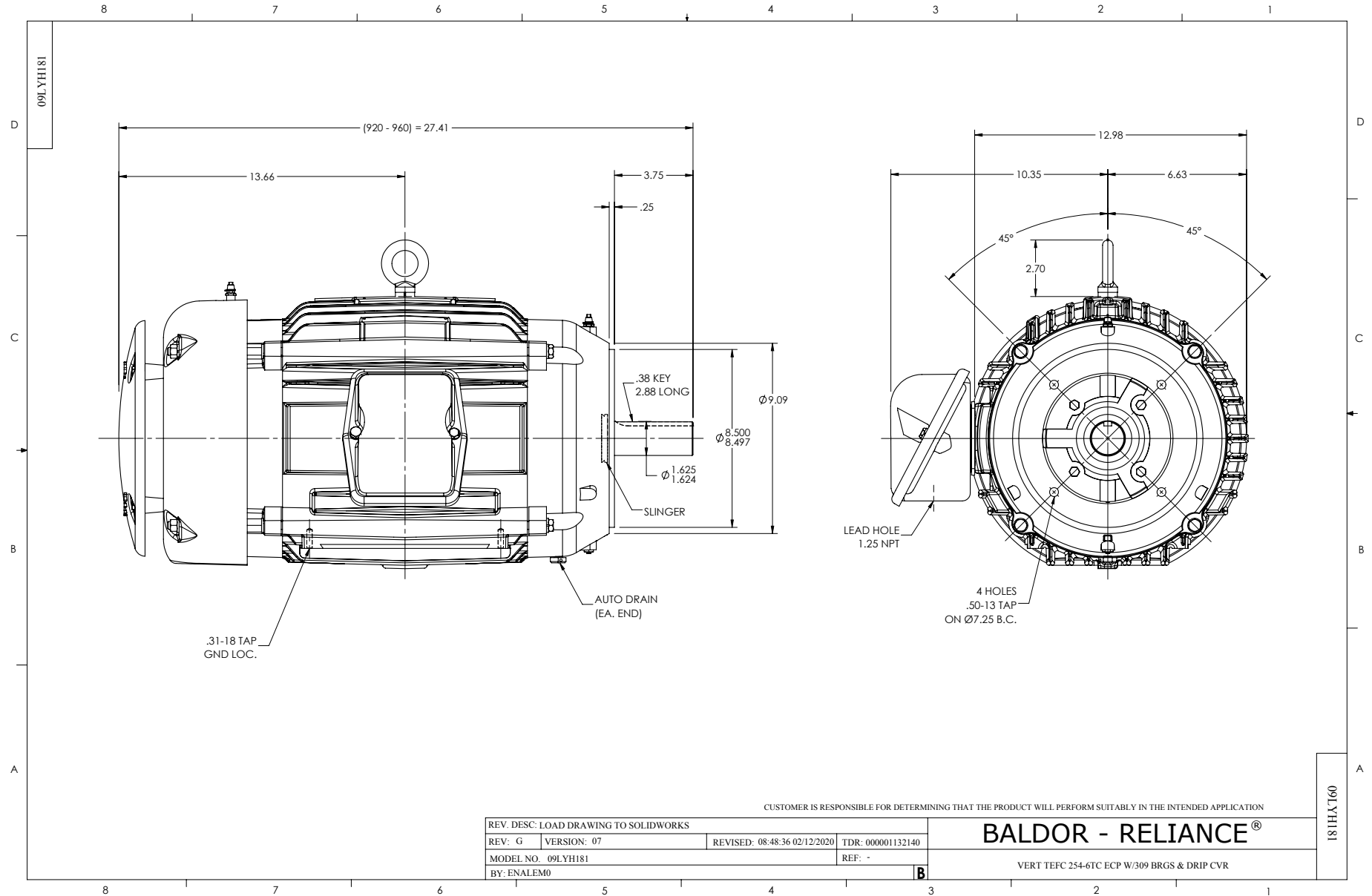
WINDING # 09WGX826

Typical performance - not guaranteed values.

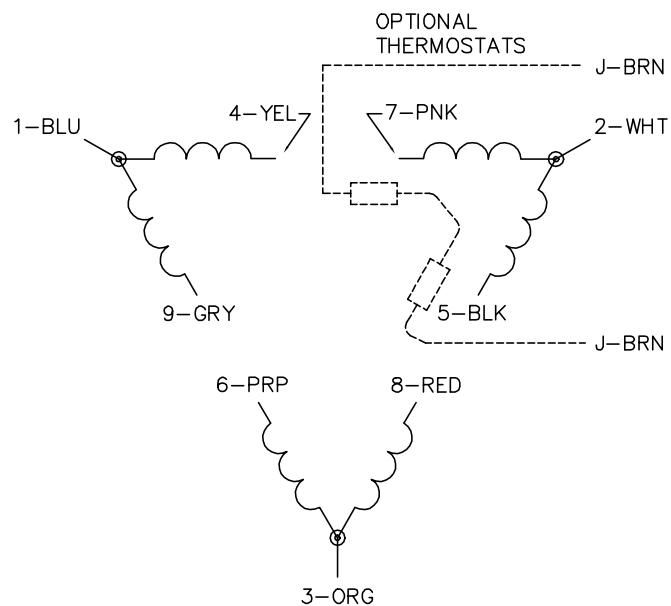
10 HP 3 PH 60 HZ 1180 RPM 460 V 0960M

TORQUES (LB-FT): PO=144 PU=54.6 LR=75 LRA=93

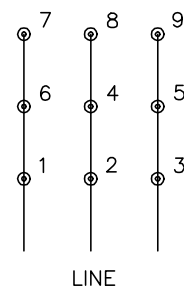




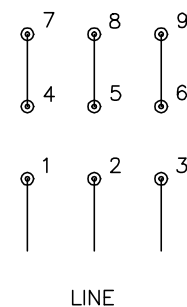
CD0180



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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