

# ABB BALDOR RELIANCE III

---

## Customer information packet

### GNEM2334T-G

20HP//15KW, 1770//1465RPM, 3PH, 60//50HZ, 25

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	256T
<b>Frame Material</b>	Iron
<b>Frequency</b>	50.00 Hz 60.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Three Phase
<b>Output @ Frequency</b>	20.000 HP @ 60 HZ 15.000 KW @ 50 HZ
<b>Phase</b>	3
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	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
<b>Agency Approvals</b>	CE WEEE UKCA CURUSEEV IE3 NEMA PREMIUM
<b>Ambient Temperature</b>	40 °C
<b>Auxiliary Box</b>	NO AUXILLARY BOX
<b>Auxiliary Box Lead Termination</b>	None
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Blower</b>	None
<b>Current @ Voltage</b>	58.000 A @ 190.0 V 52.000 A @ 208.0 V 48.000 A @ 230.0 V

**Part Detail**

<b>Revision</b>	D
<b>Type</b>	AC
<b>Mech. spec.</b>	09J359
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	09WGT459
<b>Layout</b>	09LYJ359
<b>Eff. date</b>	03-12-2026
<b>CD Diagram</b>	CD0180
<b>Poles</b>	04
<b>Leads</b>	9#10
<b>Proprietary</b>	False
<b>Created date</b>	09-08-2023

	29.000 A @ 380.0 V
	24.000 A @ 460.0 V
<b>Design Code</b>	A
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	93.0 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Shaft Indicator</b>	None
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	24.0 a
<b>Insulation Class</b>	H
<b>Inverter Code</b>	Inverter Duty
<b>KVA Code</b>	J
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Locked Bearing Indicator</b>	Locked Bearing
<b>Motor Lead Quantity/Wire Size</b>	9 @ 10 AWG
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	0960M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	23.36 IN
<b>Power Factor</b>	83
<b>Product Family</b>	General Purpose
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Pulley Shaft Indicator</b>	Standard
<b>Rodent Screen</b>	None
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	1.625 IN
<b>Shaft Ground Indicator</b>	Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger

<b>Speed</b>	1465 rpm 1770 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

**Nameplate**

<b>NP4304L</b>									
<b>CAT.NO.</b>	GNEM2334T-G								
<b>SPEC.</b>	09J359T459G2								
<b>HP</b>	20HP//15KW				<b>PH</b>	3			
<b>VOLTS</b>	208-230/460//190/380								
<b>AMPS</b>	52-48/24//58/29								
<b>R.P.M. (1/MIN)</b>	1770//1465				<b>WT.</b>	134KG		<b>KG</b>	
<b>FRAME</b>	256T		<b>HZ</b>	60//50		<b>I.P.</b>	54		
<b>SER.F.</b>	1.15	<b>CODE</b>	J	<b>DES.</b>	A	<b>CLASS</b>	H		
<b>NOM.EFF.</b>	93//92.1		<b>% (100%)</b>						
<b>P.F.</b>	83	IC411, 10:1 VT							
<b>RATING</b>	40C AMB-S1 CONT			<b>CC</b>	010A				
<b>DE</b>	6309		<b>ODE</b>	6208					
<b>ENCL</b>	TEFC	<b>SN</b>							
	SFA 60-54/27//66/33								
	IE3-50HZ 93.8(75%),93.6 (50%)								
	IE3-60HZ 93.7(75%),93.0(50%)								

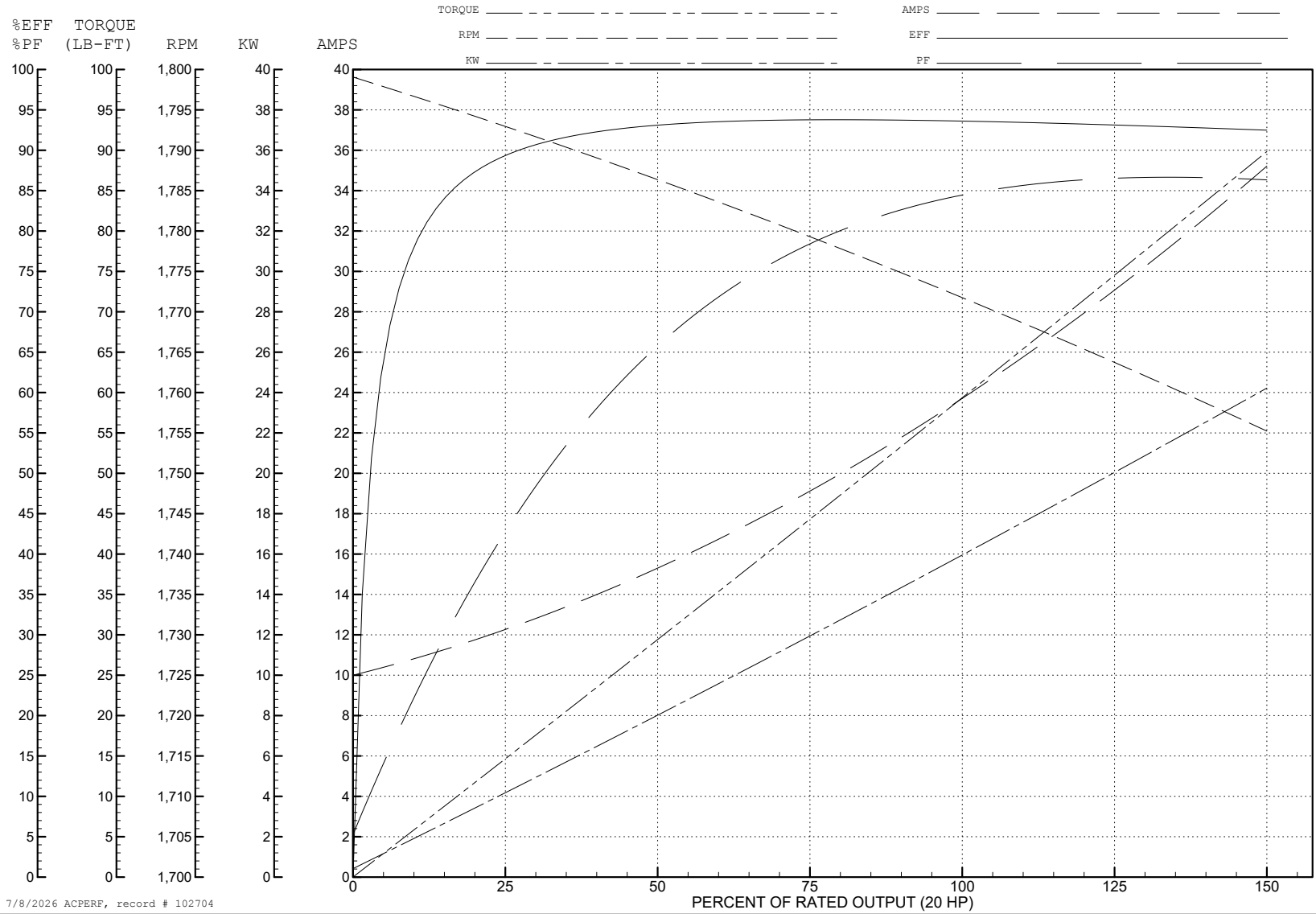
ABB Motors and Mechanical Inc.

WINDING # 09WGT459

Typical performance - not guaranteed values.

20 HP 3 PH 60 HZ 1771.9 RPM 460 V 0960M

TORQUES (LB-FT): PO=232 PU=126 LR=141 LRA=198



7/8/2026 ACPERF, record # 102704

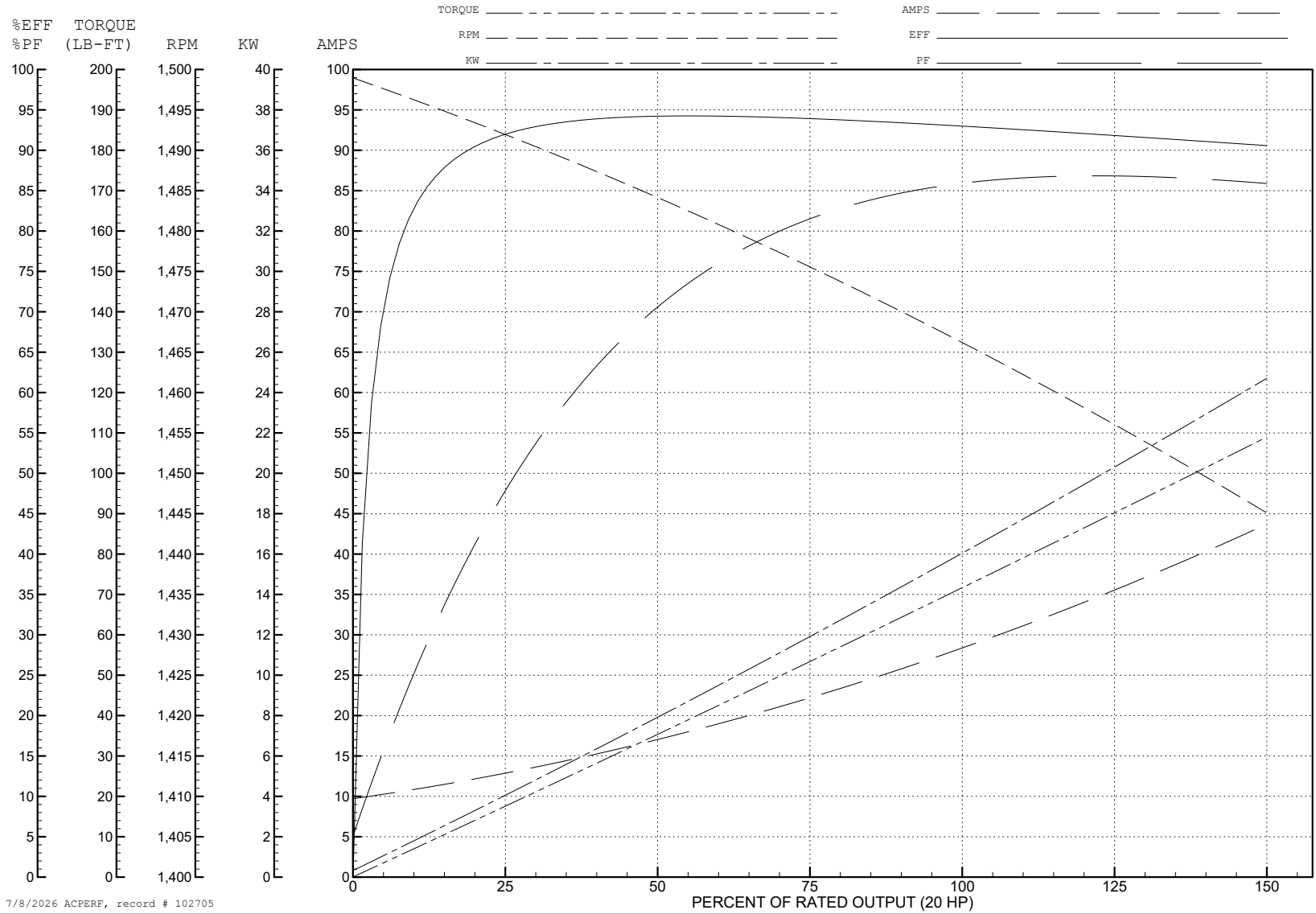
ABB Motors and Mechanical Inc.

WINDING # 09WGT459

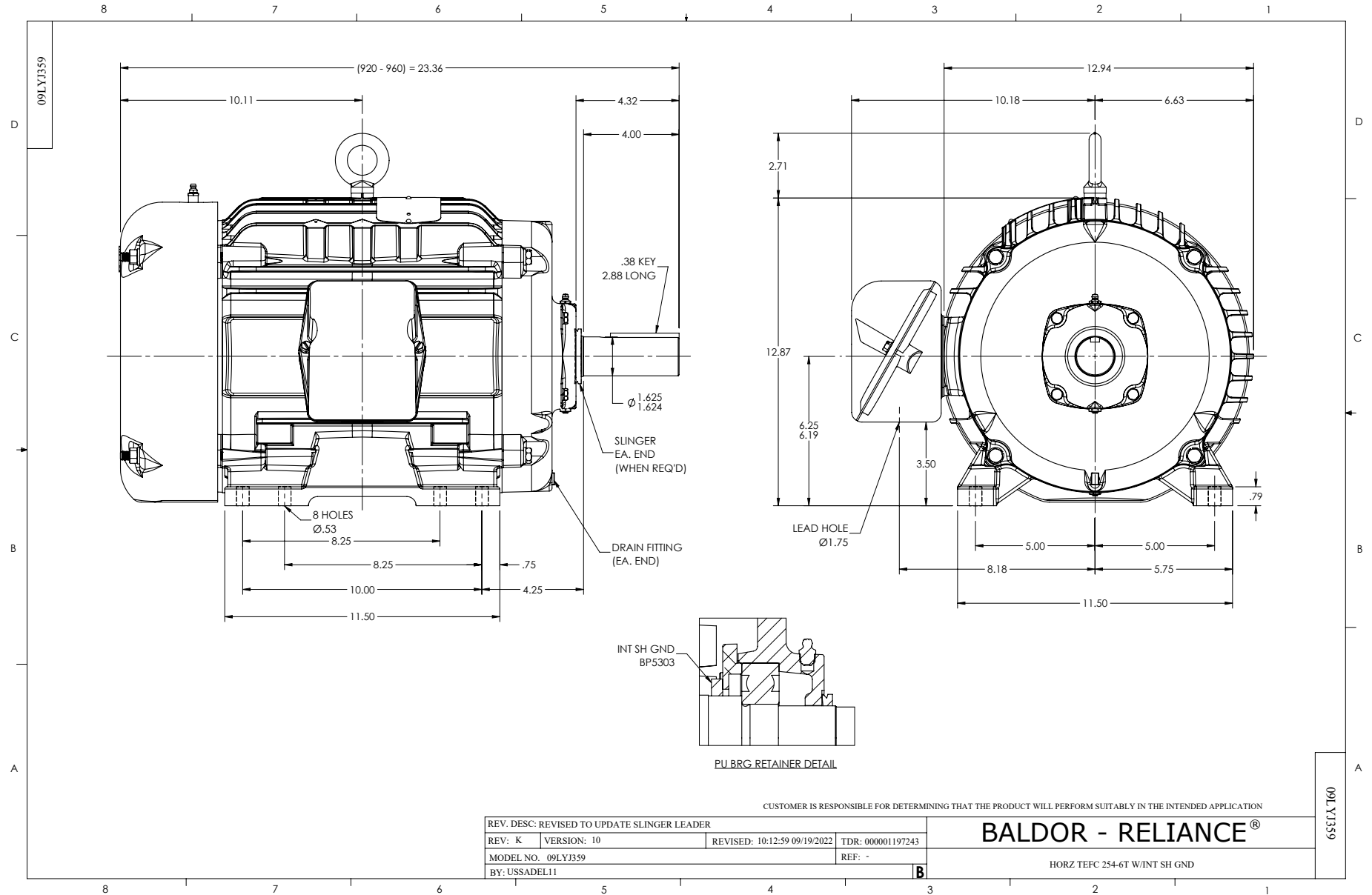
Typical performance - not guaranteed values.

20 HP 3 PH 50 HZ 1467 RPM 380 V 0960M

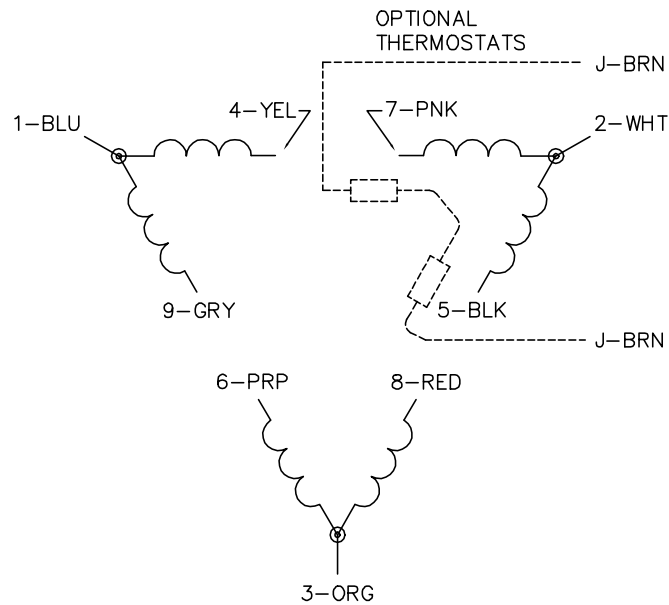
TORQUES (LB-FT): PO=224 PU=130 LR=146 LRA=193



7/8/2026 ACPERF, record # 102705



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

SH 1 of 1