

# ABB BALDOR RELIANCE III



## Customer information packet

EGDM3770T

7.5HP, 1770RPM, 3PH, 60HZ, 213TZ, 0738M, TEFC

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	213TZ
<b>Frame Material</b>	Iron
<b>Frequency</b>	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>	7.500 HP @ 60 HZ
<b>Phase</b>	3
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	208.0 V @ 60 HZ 230.0 V @ 60 HZ 460.0 V @ 60 HZ
<b>Agency Approvals</b>	UR CSA CSA EEV
<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>	9.500 A @ 460.0 V 19.800 A @ 208.0 V 19.000 A @ 230.0 V
<b>Design Code</b>	A
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	91.7 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Face Code</b>	Standard

**Part Detail**

<b>Revision</b>	F
<b>Type</b>	AC
<b>Mech. spec.</b>	07N230
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	07WGX790
<b>Layout</b>	07LYN230
<b>Eff. date</b>	11-27-2024
<b>CD Diagram</b>	CD0005
<b>Poles</b>	04
<b>Leads</b>	9#14 72" LONG Y
<b>Proprietary</b>	False
<b>Created date</b>	05-19-2015

Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	9.5 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0738M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	19.45 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	1.15
Shaft Diameter	1.375 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1770 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**

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**Winding Thermal 2**

**None**

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**Nameplate**

<b>NP3126L</b>									
<b>CAT.NO.</b>	EGDM3770T								
<b>SPEC.</b>	07N230X790G1								
<b>HP</b>	7.5								
<b>VOLTS</b>	208-230/460								
<b>AMP</b>	19.8-19/9.5								
<b>RPM</b>	1770								
<b>FRAME</b>	213TZ		<b>HZ</b>	60			<b>PH</b>	3	
<b>SER.F.</b>	1.15	<b>CODE</b>	J	<b>DES</b>	A	<b>CL</b>	F		
<b>NEMA-NOM-EFF</b>	91.7	<b>PF</b>	81						
<b>RATING</b>	40C AMB-CONT								
<b>CC</b>	010A								
<b>DE</b>	6307	<b>ODE</b>	6206						
<b>ENCL</b>	TEFC	<b>SN</b>							

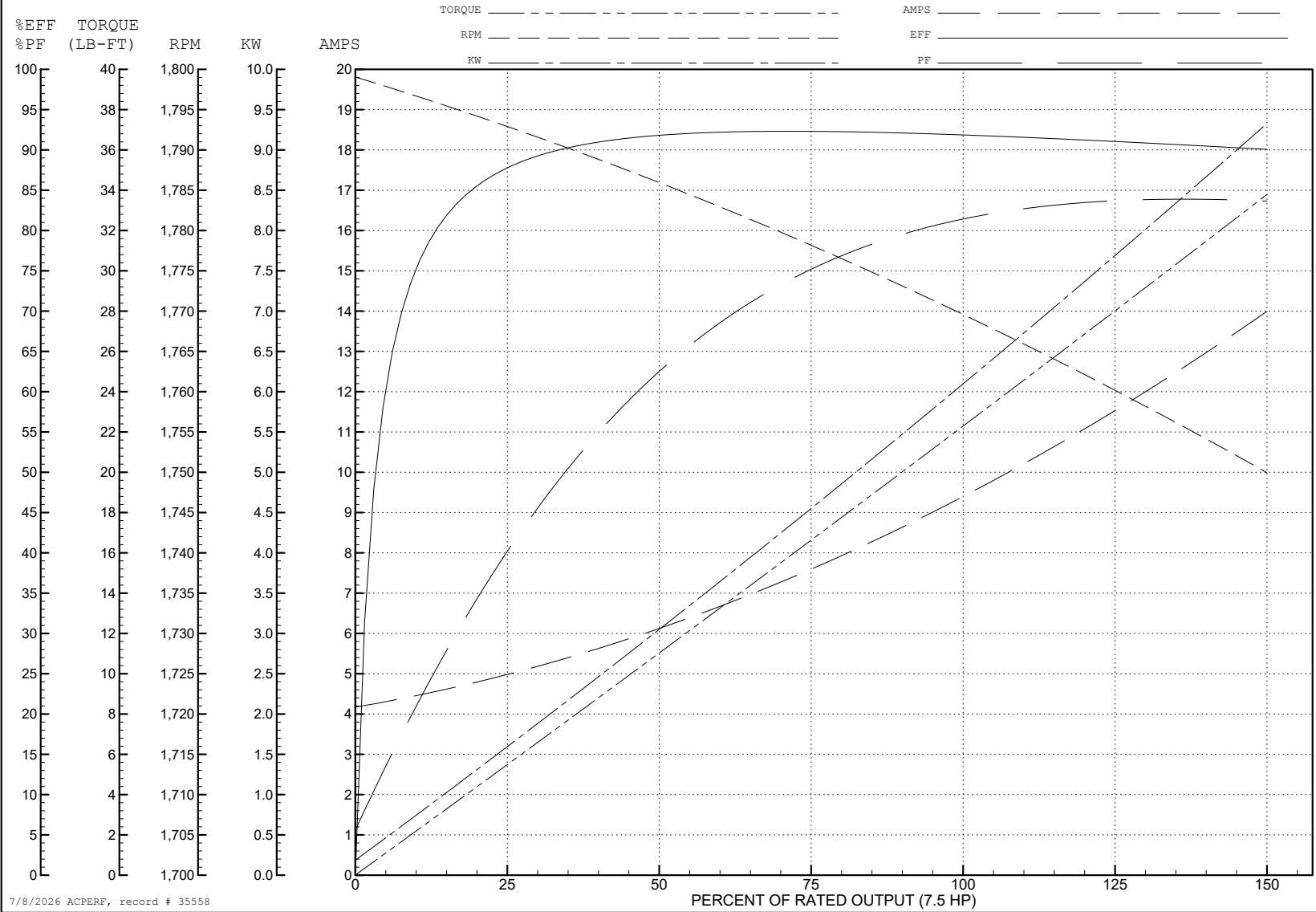
ABB Motors and Mechanical Inc.

WINDING # 07WGx790

7.5 HP 3 PH 60 HZ 1770 RPM 460 V 0738M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=70.9 PU=32.7 LR=43 LRA=70.8



7/8/2026 ACPERF, record # 35558

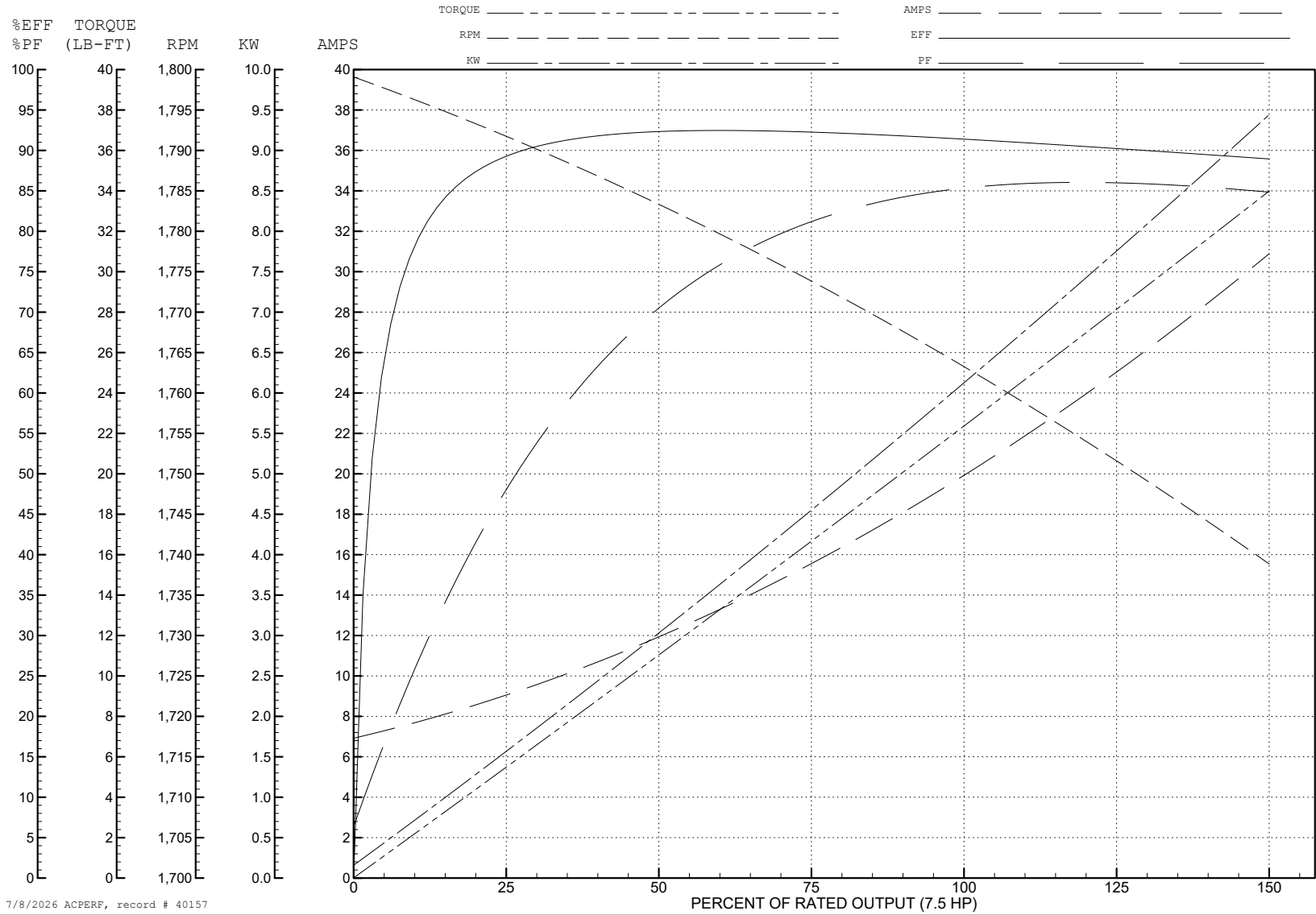
ABB Motors and Mechanical Inc.

WINDING # 07WGx790

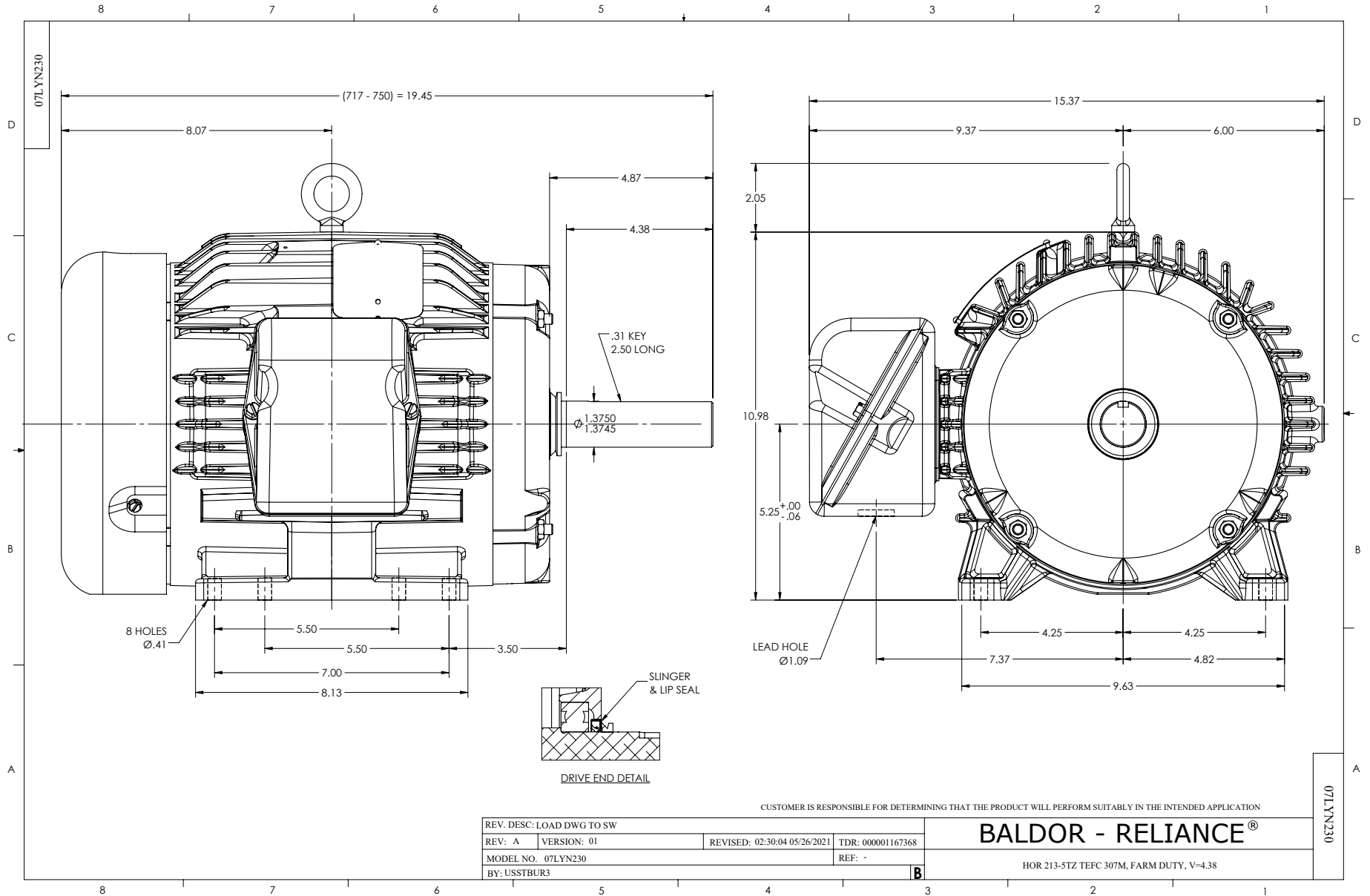
Typical performance - not guaranteed values.

7.5 HP 3 PH 60 HZ 1770 RPM 208 V 0738M

TORQUES (LB-FT): PO=57.4 PU=26.1 LR=34.3 LRA=126



7/8/2026 ACPERF, record # 40157



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.

CD0005

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