

1 9 3 A 9 3 7 3

REV NO. <div style="text-align: center; font-weight: bold;">1 9 3 A 9 3 7 3</div>	TITLE PROGRESSIVE DRAW MECHANISM TEST INSTRUCTIONS FIRST MADE FOR STANDARD LINE
CONT ON SHEET <div style="text-align: center; font-weight: bold;">1 9 3 A 9 3 7 3</div>	SH NO. 1

1.0 GENERAL

1.1 THIS PROGRESSIVE DRAW MECHANISM CONSISTS OF A DUAL SYNCHRONOUS (REVERSIBLE) 2RPM 115 VOLT AC MOTOR, A 115 VOLT AC ELECTRIC CLUTCH, AND A HELIPOT. THE HELIPOT RESISTANCE CAN BE INCREASED OR DECREASED EITHER BY HAND OR THE AC MOTOR. THIS MECHANISM IS USED ON A PAPER MACHINE SECTIONAL DRIVE TO INCREASE OR DECREASE SLACK OF PAPER BETWEEN DIFFERENT SECTIONS OF THE PAPER MACHINE.

1.2 PERFORMANCE

NONE.

2.0 OPERATING CONDITIONS

2.1 NO SPECIAL CONDITIONS .

3.0 REFERENCE DRAWINGS

3.1 ELEMENTARY - 148B9809 SHEET 1

3.2 CONNECTION - 148B9809 SHEET 1

4.0 TEST EQUIPMENT

4.1 SIMPSON VOLT/OHMETER

5.0 POWER REQUIREMENTS

5.1 115 VOLT AC SUPPLY

6.0 STANDARD TESTS-

6.1 WIRE CHECK

7.0 TEST CIRCUIT

7.1 NO SPECIAL TEST CIRCUIT.

8.0 TEST PROCEDURE.

8.1 CHECK TO SEE THAT KNOB, COUPLINGS AND HELIPOT TURN FREE WITHOUT BINDING.

8.2 CHECK TO SEE THAT THE SLIP CLUTCH SLIPS AT 48-50 INCH OUNCES BY ENGAGING MOTOR OUTPUT SHAFT TO COUPLINGS (BY MECHANICALLY OPERATING ELECTRIC CLUTCH ON MOTOR) AND TURNING KNOB AT FRONT.

REVISIONS

K6A

PRINTS

MADE BY <i>D.W. Townsend</i> 12/29/65	APPROVALS <i>D.W. Townsend</i>	INDUSTRY CONTROL SALEM, VIRGINIA	1 9 3 A 9 3 7 3 CONT ON SHEET 2 SH NO. 1
ISSUED <i>January 5, 1966</i>		LOCATION SALEM, VIRGINIA	CODE IDENT NO.

REV NO.	TITLE	CONT ON SHEET	FL	SH NO.	2
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- 8.2 CHECK CONTINUITY OF HELIPOT.
- 8.3 CHECK COUNTERDIAL ZERO SETTING AGAINST HELIPOT ZERO RESISTANCE (RESISTANCE MEASURED BETWEEN TB POINTS 5 - 6).
- 8.4 CONNECT 115 VOLT AC TO TB POINTS 3-7
- 8.5 WITH OHMMETER CONNECTED TO TB POINTS 5-6, DEPRESS INCREASE PUSHBUTTON (1PB). MOTOR SHOULD ROTATE CLOCKWISE AT 2RPM, AND AS THE MOTOR IS ROTATING THE RESISTANCE SHOULD INCREASE.
- 8.6 DEPRESS DECREASE PUSHBUTTON (2PB). MOTOR SHOULD ROTATE IN THE OPPOSITE DIRECTION AND THE RESISTANCE SHOULD DECREASE.
- 8.7 TEST COMPLETE.

REVISIONS

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ISSUED <i>January</i>	1966		SALEM, VIRGINIA	LOCATION	CONT ON SHEET FL SH NO. 2