

TEST DATA: RV1-5/8-S262 P

P.O.#

Cust. #

Serial # 1003 Date 8/19/60

INV.#

Print # 177631

GENERAL INSPECTION:

- A. Visual Inspection per TIC V.I. Std. Sheet
- B. High Voltage Breakdown: 1000 V DC for 60 seconds
- C. Mechanical Rotation: Continuous
- D. Starting Torque: 6 oz-in maximum

STAMPING:

- A. TIC decal, RV1-5/8-S262P, 3.5K, 500Ω, Serial # 1003, 0.5W at 325°F,  
H date, Pat. #4, Cust. # 177631, (Cust. Part No. and Serial # on A base on cover)

ELECTRICAL INSPECTION:

- |                        |   |   |               |      |
|------------------------|---|---|---------------|------|
| 1. Section 'A'         | 3.5K ±2%  | Meas  | <u>3490~</u>  | OK ✓ |
| 'B'                    | 3.5K ±2%  | Meas  | <u>3466~</u>  | OK ✓ |
| 'C'                    | 500Ω ±2%  | Meas  | <u>491.4~</u> | OK ✓ |
| 2. Linearity: ±1% Ind. | Section 'A'   | Linearity deviation recordings to be made on all pots. on order of quantities of six or less. Quantities of more than six, strip record only six. |               |      |
|                        | 'B'   |   |               |      |
|                        | 'C'   |   |               |      |
| 3. Winding Angle:      | Sect. 'A'   | 320° ±2°  |               | OK ✓ |
|                        | 'B'   | 125° ±2°  |               | OK ✓ |
|                        | 'C'   | 304° ±2°  |               | OK ✓ |
| 4. Overtravel:         | Section 'A'   | 10° min. each end   |               | OK ✓ |
|                        | 'B'   | 50° CW end min.   |               | OK ✓ |
|                        |   | 150° CCW end min.   |               | OK ✓ |
|                        | 'C'   | 18° CW end min.   |               | OK ✓ |
|                        |   | 13° CCW end min.  |               | OK ✓ |
| 5. Phasing:            | With the shaft in the position (scribe mark vertically down) and center lines of terminal board at 3 o'clock, the resistance of each section measured between terminal 2 and 3 shall be as follows: |   |               |      |
|                        | Section 'A'   | 787 Ω ±21 Ω   |               | OK ✓ |
|                        | 'B'   | 325 Ω ±29 Ω   |               | OK ✓ |
|                        | 'C'   | 74 Ω ± 3 Ω  |               | OK ✓ |

retyped: 7-8-60/fcc

RV1-5/8-5262P

Serial # 1003

Bendix Products Part Number 177631

VISUAL:	v	Sect. 'A'	Sect. 'B'	Sect. 'C'	Final
A. Slider take-off securely welded		EE	EE	EE	
B. Shaft knurled (serrated) in brush arm		EE	EE	EE	
C. Brush arm bore knurled (serrated)		EE	EE	EE	
D. No burrs on brush arm		EE	EE	EE	
E. Slider screw lock-wired properly		EE	EE	EE	
F. Correct solder joints on winding termination		EE	EE	EE	
G. No solder on silver track		EE	EE	EE	
H. Slip ring clean		EE	EE	EE	
I. No loose threaded hole plugs		EE	EE	EE	
J. Correct Insulation:					
Epoxy Fiberglass (gray) slip ring		EE	EE	EE	
(green)					
Melamine Fiberglass (tan) base		EE	EE	EE	
Melamine Fiberglass (tan) terminal board		EE	EE	EE	
K. Terminal board screws staked (55 cement)		EE	EE	EE	
L. Rear clamp ring screws staked (55 cement)		EE	EE	EE	
M. Cover screws staked (55 cement)		EE	EE	EE	
N. Brush arms withstand 15 in-lb torque		EE	EE	EE	
O. Base Marked		EE	EE	EE	

INSPECTORS ARE TO INITIAL EACH CHECK POINT

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