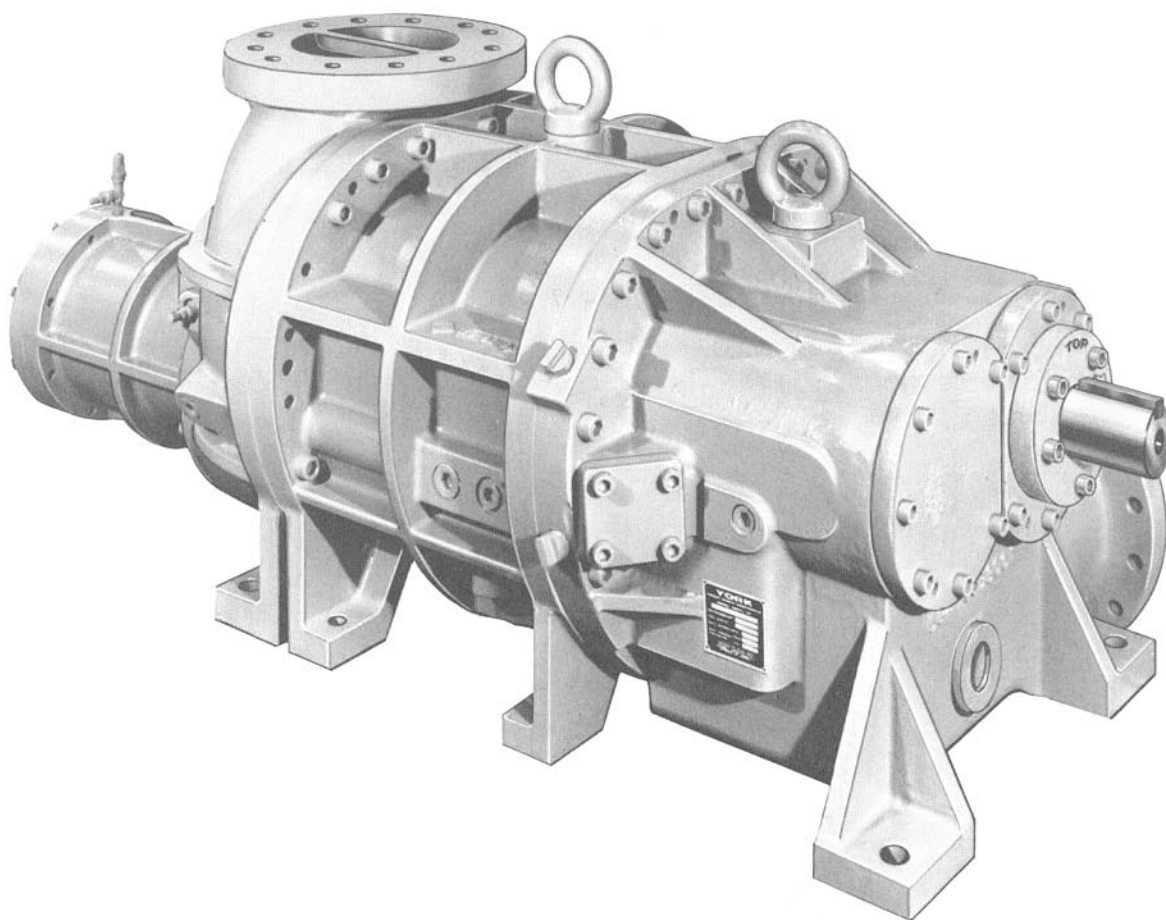


**FOR MODEL YS NN NN S7**  
**1000 - 1250 TONS**

**ROTARY SCREW COMPRESSOR**  
**MODEL TDSH 283 L AC**



**REFERENCE LITERATURE:** Installation Instruction ..... Form 160.65-N1  
 Operation & Maintenance ..... Form 160.65-O1  
 Control Center Operation and Service ..... Form 160.65-OM1  
 Service, Compressor and Unit ..... Form 160.65-M1

**RENEWAL PARTS:** General ..... Form 160.65-RP1  
 Compressor ..... Form 160.65-RP2  
 Control Center ..... Form 160.65-RP3  
 Refrigerant Transfer Unit ..... Form 160.65-RP4

## IMPORTANT

The renewal parts numbers listed for the rotary screw compressor are for the shaft seal replacement, the volumizer potentiometer replacement, and the SV POS potentiometer replacement.

## COMPRESSOR EXCHANGE PROGRAM

If there are other service problems with the compressor, other than those stated under IMPORTANT, a compressor exchange program is available through the local YORK District Service Office. Please contact to arrange for a compressor replacement. The compressor Part No. is 015-02345-000.

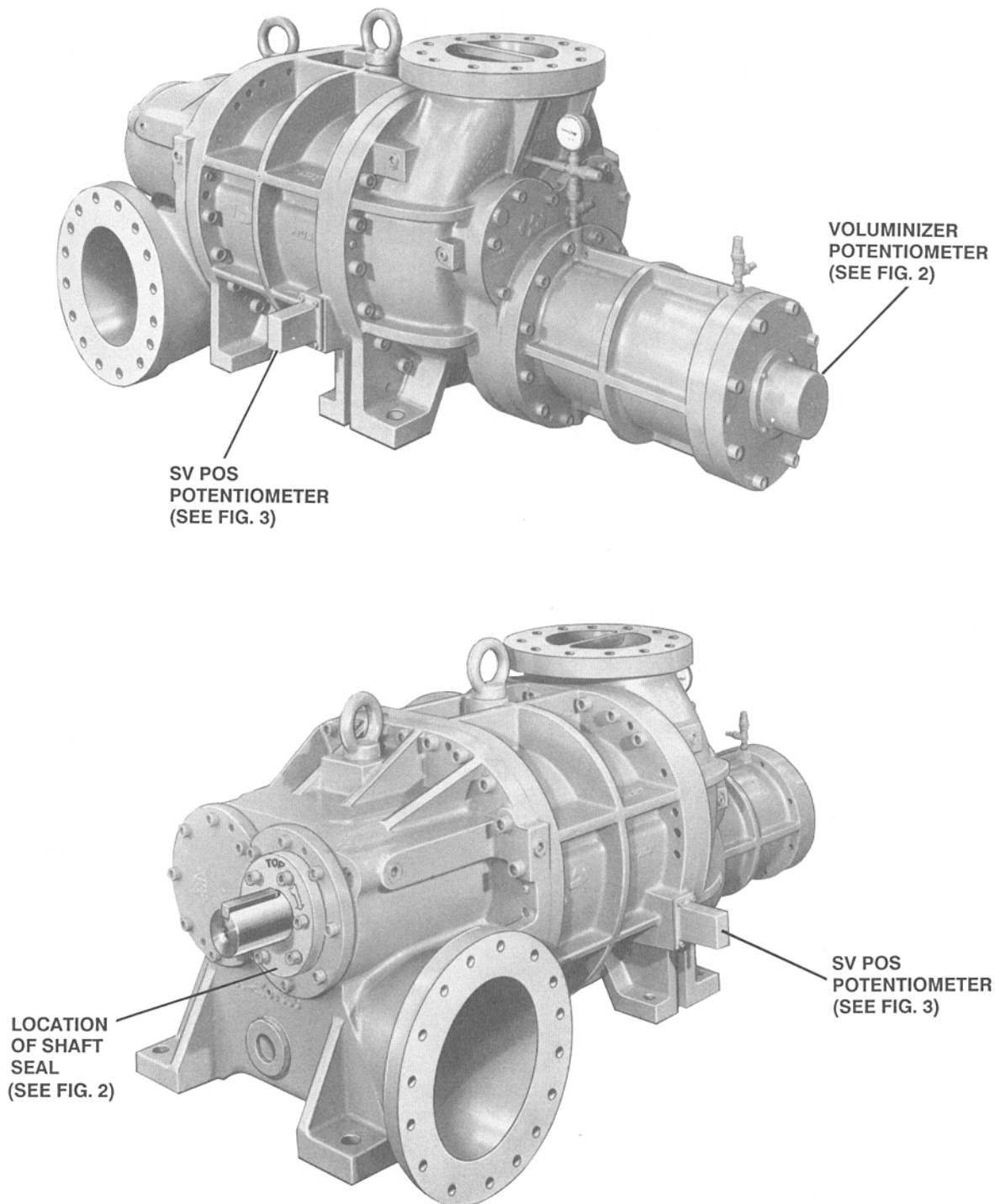


FIG. 1 – ROTARY SCREW COMPRESSOR LOCATION OF SHAFT SEAL

# RENEWAL PARTS ROTARY SCREW COMPRESSOR

## PART NO. 015-02345-000

|                                      | ITEM | DESCRIPTION                                  | FIG. NO. | QUAN. PER UNIT | PART NO.      |
|--------------------------------------|------|----------------------------------------------|----------|----------------|---------------|
| <b>SHAFT SEAL</b>                    | 1    | SEAL DISTANCE RING                           | 2        | 1              | 015-02359-001 |
|                                      | 2    | SQUARE KEY                                   | 2        | 1              | 015-02359-002 |
|                                      | 3    | SHAFT SEAL ASS'Y.<br>3-1/2" TYPE 881         | 2        | 1              | 015-02359-003 |
|                                      | 4    | SOC. HEAD CAPSCREW<br>(M16 X 2.0) X 55mm LG. | 2        | 6              | 015-02359-004 |
|                                      | 5    | SPRING PIN<br>250 DIA. X .625 LG.            | 2        | 1              | 015-02359-005 |
|                                      | 6    | DOWEL PIN 5h8 X 10mm LG.                     | 2        | 2              | 015-02359-006 |
|                                      | 7    | O-RING 2-253                                 | 2        | 1              | 015-02359-007 |
|                                      | 8    | HOUSING-COVER                                | 2        | 1              | 015-02359-008 |
| <b>VOLUMINIZER<br/>POTENTIOMETER</b> | 9    | POT HOLDER                                   | 3        | 1              | 015-02359-009 |
|                                      | 10   | TUBING SUPPORT                               | 3        | 4              | 015-02359-010 |
|                                      | 11   | GASKET                                       | 3        | 1              | 015-02359-011 |
|                                      | 12   | POTENTIOMETER MAUREY<br>200-P466             | 3        | 1              | 015-02359-012 |
|                                      | 13   | FLEXIBLE COUPLING                            | 3        | 1              | 015-02359-013 |
|                                      | 14   | SERVO CLAMP                                  | 3        | 3              | 015-02359-014 |
|                                      | 15   | COVER BOX                                    | 3        | 1              | 015-02359-015 |
|                                      | 16   | SOC. HD. CAPSCREW<br>(M5X0.8) X 60mm LG.     | 3        | 4              | 015-02359-016 |
|                                      | 17   | SOC. HD. CAPSCREW<br>(M6X1.0) X 16mm LG.     | 3        | 4              | 015-02359-017 |
|                                      | 18   | LOCKWASHER 6mm                               | 3        | 4              | 015-02359-018 |
| <b>SV-POS<br/>POTENTIOMETER</b>      | 19   | POTENTIOMETER DUNCAN<br>9610R3.4KL.0         | 4        | 1              | 015-02359-019 |
|                                      | 20   | POTENTIOMETER SUPPORT                        | 4        | 1              | 015-02359-020 |
|                                      | 21   | GASKET                                       | 4        | 1              | 015-02359-021 |
|                                      | 22   | BUSHING                                      | 4        | 1              | 015-02359-022 |
|                                      | 23   | MACH. SCREW<br>#1-72 UNF X 1/2 LG.           | 4        | 2              | 015-02359-023 |
|                                      | 24   | SOC. HD. CAPSCREW<br>(M8X1.25) X 30mm LG.    | 4        | 6              | 015-02359-024 |
|                                      | 25   | COVER BOX                                    | 4        | 1              | 015-02359-025 |
|                                      | 26   | LOCKWASHER 8mm                               | 4        | 6              | 015-02359-026 |

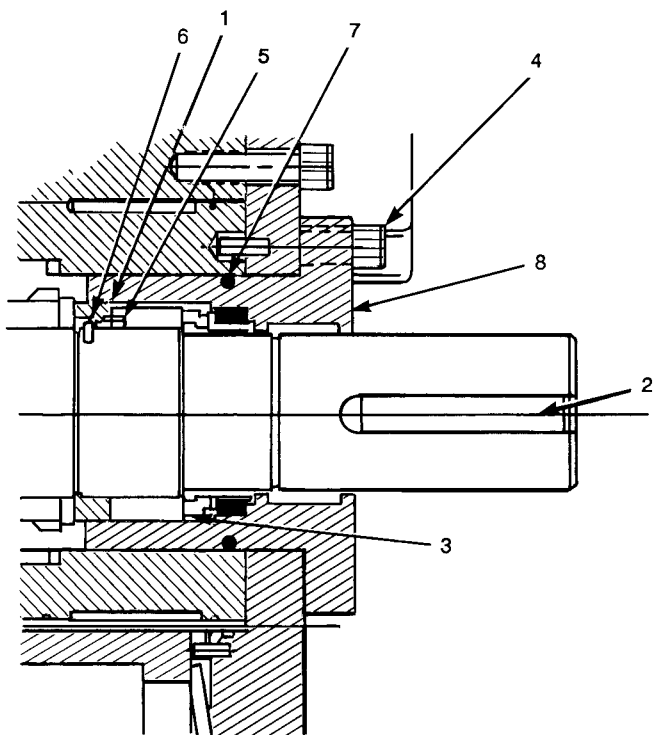


FIG. 2 – SHAFT SEAL PARTS

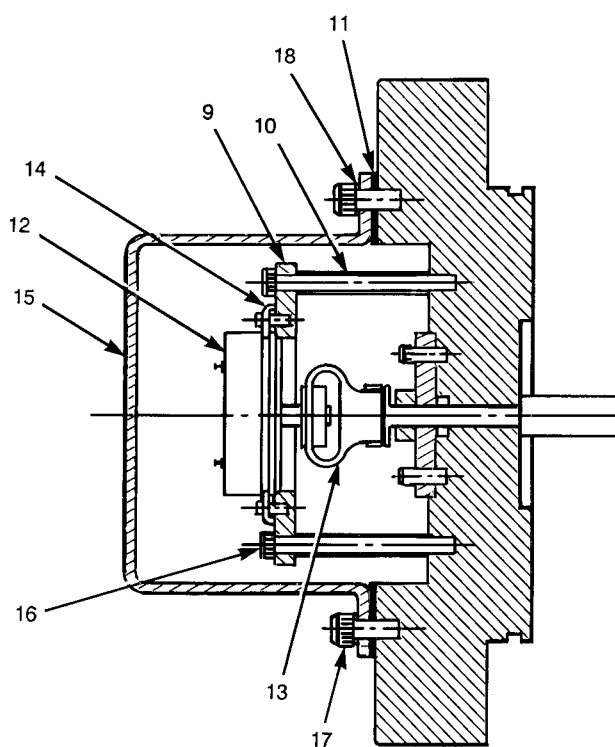


FIG. 3 – VOLUMINIZER POTENTIOMETER PARTS

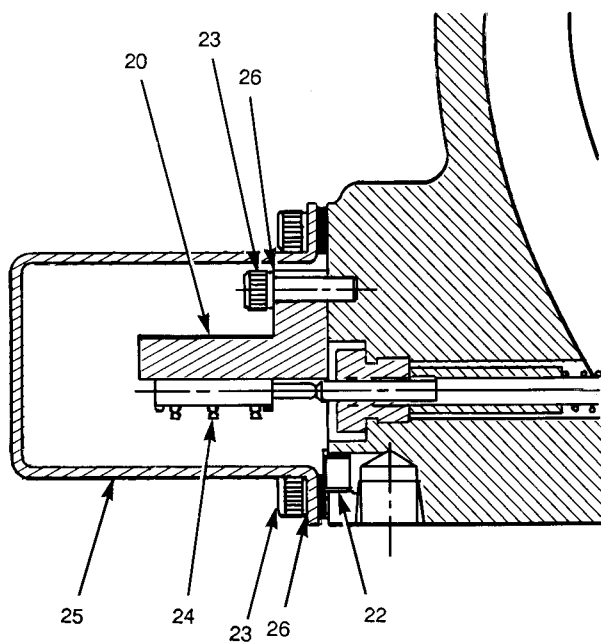


FIG. 4 – SV-POS POTENTIOMETER

