

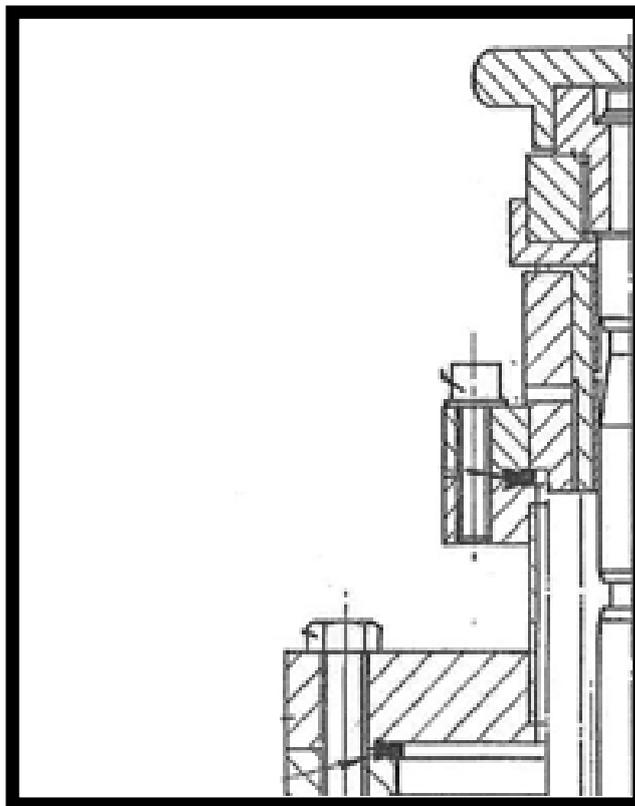


VACGEN

## Assembly Guide

### GV Bellows Assembly AS0030

VGS03-02T30



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This Assembly Guide should be used in conjunction with the owner's manual where available, and is intended as a guide only as there may be variations between versions and therefore must be used at the Owner's Risk. For more detailed assistance, please contact our Support desk +44 (0) 1323 379 335 or support@vacgen.com.

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Revision	Date	Comment	Initials
1			
2			
3			

Unit A, Swallow Business Park  
Diamond Drive, Lower Dicker  
Hailsham, East Sussex  
BN27 4EL, UK



## Gate Valve Bellows Assembly Information

Before removing the bellows assembly from the valve, make sure that you note the orientation of the sealing plate in relation to the body, as the sealing face is offset to the centre line of the valve.

If the movement is fitted in the wrong way around, it will damage the seal and sealing face beyond repair.

Reference: The sealing face is the furthest from the centre line of the valve body.

1. Mark orientation of movement in relation to the body
2. Open Valve
3. Undo bonnet bolts
4. Remove movement assembly
5. Remove the seal plate assembly noting the orientation
6. Remove the 3 screws holding the knob on.
7. Remove the screw holding rotating assembly that was under the knob.  
Note the position of the washers
8. Undo the 2 screws that hold the cap assembly and remove
9. This will reveal the Slide Plate, that is spring loaded, so when removing the slide, take care the spring does not fly out of the location hole in the body. Carefully lift the non-spring side of the Slide Plate up at an angle, this will release the pressure slowly.  
Important: Note the orientation when removing the Sliding Plate, the hole is off centre when the Spring is fitted.
10. Hold the bellows end cap in a soft jaw vice by the actuator post mount.
11. Place a bar through the hole in the shaft and undo shaft anti-clockwise.
12. This may have two locking nuts (thin) on the shaft when removed, LEAVE THESE AS FITTED, DO NOT REMOVE!
13. Reassembly in reverse



Bellows convolutions on the valve:

GV28	30 Convolutions	ZGV28BA
GV50	50 Convolutions	ZGV50BA

## DRAWINGS

