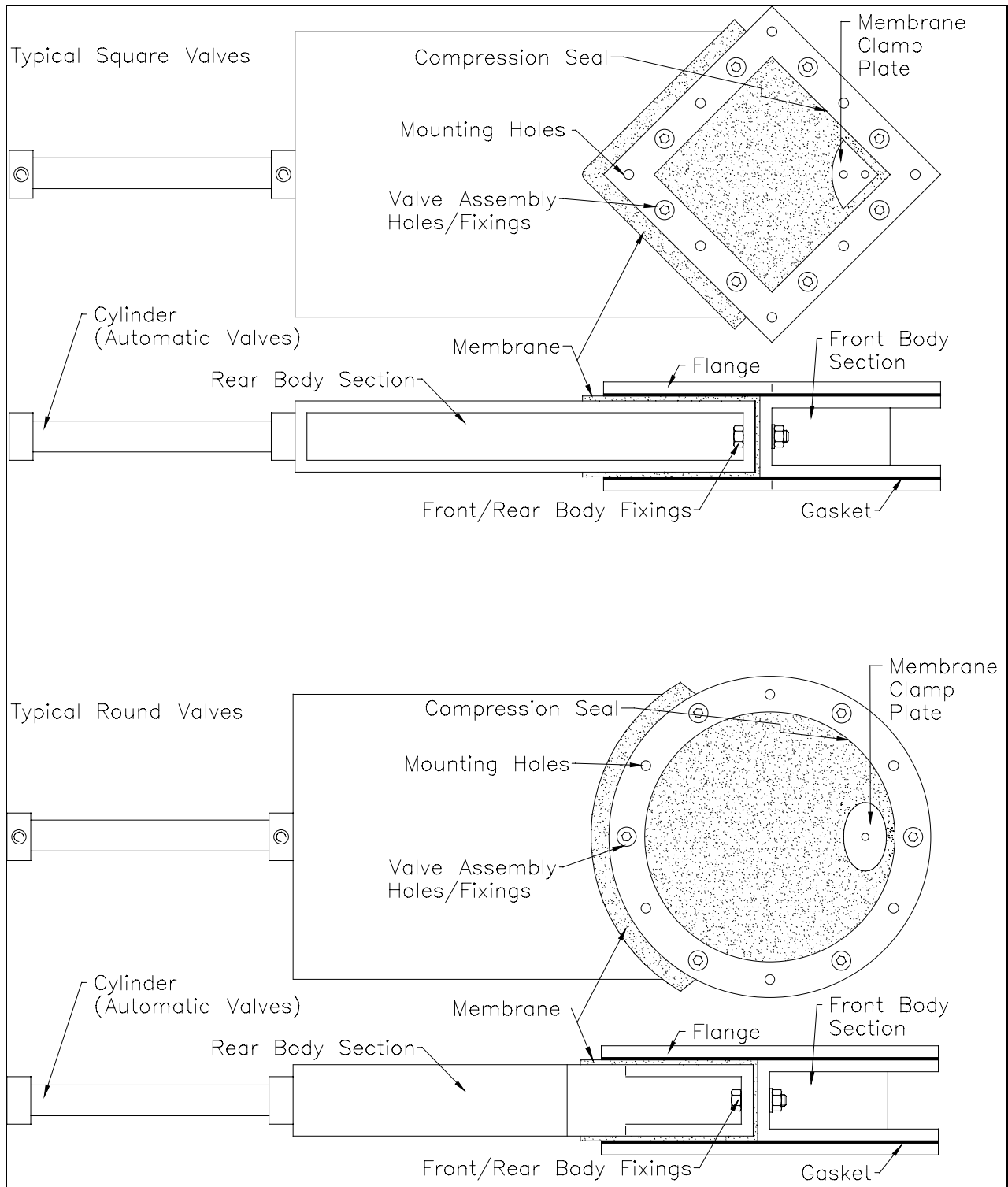


INSTRUCTIONS FOR REPLACING STRETCH / RUBBER MEMBRANES

1. During strip down, note the orientation of all of the parts, particularly the membrane, and copy this when re-assembling.
2. Close the valve and remove the membrane clamp plates using a 4mm A/F Allen key.
3. TURN THE AIR OFF NOW IF PNEUMATICALLY ACTUATED.
4. Remove the top and bottom flanges from the valve using a 5, 6 or 8mm A/F Allen key and a 13, 17 or 19mm A/F spanner (dependent on the size of the valve). Remove the old gaskets from the flanges and fix the new gaskets using the contact adhesive (unless gaskets are the self adhesive type).
5. Separate the front body section from the rear section using 17 or 19mm A/F spanners.
6. The membrane can now be removed. Inspect for damage and replace if necessary. If dirty, wash with a warm soapy solution and when dry dust lightly with talcum powder.
7. Remove the worn/damaged compression seal from the front body section and fit the new compression seal using the contact adhesive. (This applies to the sponge/foam seals only. If the valve has a solid/hard type seal fitted then this should be left in position. If this requires replacement the valve will need to be returned to 'Process Link Limited').
8. Clean any product out of the rear body section and ensure that the slide plate moves freely.
9. The valve is now ready for re-assembly.
10. Clamp the rear body section upright, in a vice. Push the two bolts through the body side clamping holes and hold in position by fitting the membrane (small holes at either side).
11. With the slide plate in the 'open' position, fit the front body section and clamp together taking care not to trap wrinkles in the membrane. Turn the nuts not the bolts to avoid twisting the membrane.
12. Carefully close the slide plate after applying the special rubber grease around the nose.
13. Place a flange in position over the membrane, loosely bolt to the front body section, pull the membrane under the flange at the rear body section (so that it is in position with the rear bead fitting snugly around the periphery of the flange) and fit the screws. Tighten the nuts and bolts around the body front section.
14. Repeat for the second flange.
15. If not already punched, mark the position for the clamp plate hole on both top and bottom faces of the membrane by feeling for the hole in the slide plate, (do not use the hole in the centre which is for radiusing the slide plate nose). Punch these holes 3mm diameter and fit the clamp plates with a greased M6 screw, taking care not to twist the membrane.
16. Reset the valve closure to give a light seal between the membrane and the compression seal. On pneumatic valves the cylinder clevis is adjustable. On handwheel valves the screw shaft stops are adjustable. On hand lever valves the trigger locking pad is adjustable. There is no adjustment on the basic hand grip valves.
17. Refit any guards and accessories.
18. The valve should now be ready for installation using the extra flange gaskets supplied.

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