



## INSTALLATION AND MAINTENANCE INSTRUCTIONS

### SLIDE VALVE TYPE M

**IMPORTANT.** Ensure mating flanges are flat. A soft gasket such as rubber should be used to take up irregularities in flanges with uneven surfaces. The slide plate is nearest the top flange of the valve.

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The top flange of the valves is 10mm thick, securing screws **SHOULD NOT** protrude through inside. Flanges are tapped M10 as standard in horizontal plane ie flanges horizontal.

All valves are tested at the works, the slide plate working clearance is to be adjusted to suit product size and/or type, the following procedure should be followed:-

**TYPE SM:** The nuts securing the eccentric nylon supports should be slackened. The supports can then be turned to increase or decrease the clearance. The locknut is then re-tightened with the support held stationary. **DO NOT OVERTIGHTEN THE LOCKNUT.**

**TYPE OM:** Valves have no adjustment.

The seal on the SM valve can be tightened to compensate for wear or to improve sealing by means of two screws securing the seal-housing. Over tightening should be avoided as this increases the effort required to move the plate.

### MAINTENANCE

**TYPE SM:** After prolonged periods, wear will take place and cause the slide plate/insert clearance to increase; this can be reduced by adjustment as described above.

**TYPE OM:** Valves have no adjustment.

**REPLACEMENTS:** On the SM the Nylon Plate Supports can be replaced as described above. On the OM type valves the combined plate support/wear strip can be inverted when wear takes place.

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BRITTON VALVES

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