

INSTALLATION AND MAINTENANCE INSTRUCTIONS
SLIDE VALVE TYPE A



Note: These valves are designed and supplied for incorporation with other equipment.

Warning: Ensure that any part of body is kept clear of valve internals at all times during operation, testing and servicing.

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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.

IMPORTANT Flanges are tapped DIN PN10 as standard (ANSI 150lb to order). Securing screws SHOULD NOT protrude through the top flange. DO NOT OVERTIGHTEN FIXING SCREWS. Valve must be mounted in the horizontal plane ie flanges horizontal.

Valves are tested at the works, the slide plate/insert clearance being set. If this clearance is to be adjusted to suit product size and/or type, then the following procedure should be followed. The nuts securing the eccentric nylon supports should be slackened. The supports can be turned to increase or decrease the clearance by turning the pin using a hexagon key. The locknut is then re-tightened while holding the pin stationary.

NOTE: If the valve has been supplied to cut through a static column of product, the standard eccentric slide plate supports will have been replaced by a support/wear strip which cannot be adjusted.

SCREW OPERATION TYPE AS - The handwheel or chainwheel is sometimes supplied detached from the screwshaft for ease of packing. This should be secured by located and tightening the screw.

PNEUMATIC OPERATION TYPE AP Air supply should be approximately 5 Bar and free from moisture. Ensure the nylon piping is not kinked. The standard solenoid valve supplied is a single solenoid type and is piped so that the slide valve opens on energising the solenoid and closes on de-energising the solenoid, this gives a 'fail safe' condition on electricity supply failure.

NOTE: ISOLATE AIR AND ELECTRICITY SUPPLY BEFORE WORKING ON PNEUMATIC VALVE.

MAINTENANCE - After prolonged periods, wear will take place and cause the slide plate/insert clearance to increase this is reduced by adjustment as described previously.

REPLACEMENTS -

- (a) The seals in the pneumatic cylinder can be replaced when worn. These are supplied in kit form.
- (b) The slide plate supports can be replaced by removing the valve from position, undoing pin, retaining nut and washer and replace, as described above.
- (c) The felt seal is replaced by removing the seal housing which is retained by M8 screw on each side of the valve body.

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