



DUAL SINGLE PINCH VALVE (DSPV)

DUAL's Single Pinch Valve consists of a tough, but flexible full bore sleeve, which forms part of the pipeline. The valve is closed mechanically via movement of a pinch gate located above the sleeve. The core of the Dual Single Pinch Valve is the sleeve. The valves are well suited for on/off and throttling control applications involving slurries, powders, liquids, granulated materials and applications where scale build is a problem.



FEATURES

The Dual Single Pinch Valves double-ended enclosed body with easily replaceable, flexible rubber sleeves

- Thrust bearing for ease of opening and closing (handwheel type)
- Long operating life
- Full bore, low friction loss
- 100% drip tight closure even with solids in the medium
- Light weight
- Seals in both directions
- High flexibility sleeve design reduces closing forces, improves recovery to full open position
- Enclosed body protects the sleeve from the environment
- Fast and easy sleeve change
- Single wearing part
- Face to face compatible with diaphragm valves
- No glands which require regular adjustment
- Rising and non rising spindle types
- Positive opening tags
- Open/closed sight glass indicator
- Visible spindle indicator

FACE TO FACE COMPATIBLE WITH DIAPHRAGM VALVES

PRODUCT SPECIFICATION

| | |
|--------------------------------|---|
| BODY: | Cast Aluminium, cast SG Iron and Stainless Steel enclosed body type |
| ELASTOMER SLEEVE: | Gum black and red rubber, EPDM, Butyl, Chlorobutyl, Neoprene, Polyurethane, Viton and Hypalon |
| SIZE RANGE: | 50mm - 350mm |
| PRESSURE RATING: | 16 Bar (for higher pressure consult factory) |
| THRUST BEARINGS: | To reduce operating torque (Handwheel type) |
| FLANGED: | Drilled to SABS, ANSI, BS or DIN |
| VALVE INTERNALS: | 304 Stainless Steel Spindles, Rubber Sleeve and Tool Steel Pinch Gate |
| MATERIAL CERTIFICATION: | Certified chemical and physical test reports can be supplied. |
| VALVE TYPE: | Rising and non rising spindle |
| TEMPERATURES: | -50°C to +80°C |

PNEUMATICALLY ACTUATED VALVE



APPLICATIONS

- Mining and mineral processing
- Power generation
- Sand and gravel
- Chemical and soda ash
- Pulp and paper
- Environmental and Effluent

ACTUATORS

All types of actuators can be fitted, electric, gearbox, hydraulic, pneumatic and handwheel.

SLEEVE MATERIAL

Dual offers the following alternative sleeve materials, providing chemical and abrasive resistance to most media such as:

- Polyur

DIMENSIONS AND WEIGHTS