



DUAL STRAIGHT-THROUGH PINCH VALVE (DSTPV)

DUAL's Straight-Through 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 Straight-Through 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 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.

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 Cast Aluminium Pinch Gate (Plunger)
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:

- Polyurethane
- Natural red rubber
- Natural black rubber
- Neoprene rubber
- Nitrile rubber
- EPDM rubber
- Reduced port sleeve for throttli

DIMENSIONS AND WEIGHTS