

Flowrox PVG is a robust yet compact pinch valve engineered with the highest quality standards. It is made for processes involving pressure resistance, abrasion, corrosion and aggressive slurries. PVG offers substantial savings through improved performance, long service lifetime and low maintenance costs with pressure capabilities up to 10 bar.

### COMPACT SOLUTION

In the open position, the PVG valve is at full bore with no flow restrictions. Therefore it is an integral part of the pipeline and anything running through the pipeline can also pass through the valve.

PVG is designed to be reliable and compact solution for flow control. Being a full port design the valves require the least pumping energy and do not reduce system head pressure. Installation is trouble free and valve includes pre-installed rubber sleeves with opening tags, which withstand tough process conditions. This ensures long valve lifetime and minimal maintenance costs.

All these features add up to lowest total cost of ownership (TCO).

### CORE OF THE VALVE

The core of the PVG valve is its elastic sleeve, which is the only part in contact with the medium. Designed to withstand wear, corrosion and chemicals, Flowrox sleeves guarantee non-clogging, trouble free operation and extended lifetime. The sleeves are bubble tight and easily replicable if necessary.

Opening tags – ensures reliable operation

Outer layer – protects the sleeve

Reinforcement cords – gives the sleeve its pressure retraining capabilities

Inner layer – resistant to wear and chemicals

## Flowrox PVG Valves

- 100% tight
- Full bore
- Only rubber sleeve in contact with the medium
- Flexible sleeve
- Field replaceable
- Long lifetime
- Opening tags

- No jamming or clogging
- Low maintenance
- Trouble-free operation

- Long service intervals
- Reduced cost of ownership

## **DIMENSIONS AND WEIGHTS**

Dimensions are for guidance only – detailed dimensions drawings available on request. All dimensions are in millimeters, unless stated.

FLOWROX OY

P.O. Box 338, FI-53101 Lappeenranta, Finland

Tel. +358 201 113 311, Fax +358 201 113 300

info@flowrox.com, www.flowrox.com

## **Product**

### **Specification**

Materials:

Body - Cast iron

Pusher - Cast iron

stem black nitrated CS

Sleeve:

SBRT

EPDM

Size:

50- 250 mm

Pressure:

10 bar (50- 150mm)

6 bar (200-250mm)

Length:

Face to face according to

EN558 ser 7.

Standard flange drillings:

DIN 10

ANSI 150

### **Applications**

- Water and Wastewater treatment

- Mining and metal industries

- Mineral processing

- Power generation

- Sand and gravel

- Chemical

- Pulp and paper

### **Actuators**

- Manual

A 190 254 305 406 521 635

B 165 200 228 285 343 406

C 280 344 394 553 645 785

D 50 80 100 150 200 250

E 150 200 250 400 600 600

Weight

KG

14 21 30 49 96 140

Maximum

pressure

BAR

10 10 10 10 6 6

Valve type marking e.g. PVG100M10 DIN