

### Application:

Slam Shut-off Valve is installed immediately after the Filter & before the Regulator. It normally remains open, in case the outlet pressure of the regulator exceeds the permissible limits, the Slam Shut-off Valve senses it through the impulse line & immediately shuts off the flow to downstream. When the Regulator is repaired, the Slam Shut-off Valve is to be opened manually by opening vent valve provided on SSV. Once the flow starts through the Slam Shut-off Valve, it will remain open till the outlet pressure is within the permissible limits.



### Features

- Over Pressure protection, shuts down the downstream supply in  $\leq 2$  seconds, in case the pressure exceeds the pre-set limit.
- Manual reset type, ensures that the downstream pressure is below the set limit.
- Internal By-pass Valve: Equalize the pressure at upstream & downstream of the valve, due to which manual resetting can be done easily at high inlet pressure.
- Maintenance of the valve can be done without removing the body from the line.
- Approved to : EN14382

### Material

- Body : SGCI 400/12 Gr. / Cast Steel A216 WCB Gr.
- Bonnet : Aluminium Die Cast / EN1A
- Spindle : St. Steel.
- Trim Parts : Brass / SS304
- Spring : Stainless Spring Steel
- Pad : Synthetic Rubber
- Diaphragm : Nylon Impregnated Synthetic Rubber
- "O" Ring Synthetic Rubber

### Specifications

- Working Pressure : 0.5 - 26 Kg/cm<sup>2</sup>
- Set Pr. Range : 0.5 - 1.5 Kg/cm<sup>2</sup>, 0.8 - 2.5 Kg/cm<sup>2</sup>, 1 - 4 Kg/cm<sup>2</sup>, 1.5 - 6 Kg/cm<sup>2</sup>, 2 to 12 kg/cm<sup>2</sup>
- Flow Capacity : 0 - 6000 SCM/H
- Gas : LPG / Natural/ N<sub>2</sub>/ CO<sub>2</sub>
- End Connection : 3" - 4" Flanged End as per ANSI 150# / 300#
- Design Temp. : 10 °C to 65°C

### Enquiry Specifications:

- Service fluid
- Working Pressure
- Set Pressure Range
- Set Pressure
- Flow rate
- Operating Temperature
- Line size & Rating

**Note : Slam shut-off valve for Oxygen, Ammonia & for low & high temperatures are available on request.**

Sizes Available	Type	Φ A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
3" NB ANSI 150#	V4335	180	270	150	370	52
3" NB ANSI 300#	V4335-II	180	270	150	370	53.2
4" NB ANSI 150#	V4336	180	270	150	370	56.50
4" NB ANSI 300#	V4336-II	180	272	150	370	58

