

## VIB Retro Adapter Kit

### *for steam actuators*

For upgrade of existing non VIB steam boxes VIB has developed an adapter kit for retro fitting the widely proven and reliable high performance VIB steam control valves. The pneumatic valve actuator is available for signal pressures from 0.2 - 1 bar (3 - 15 psi) up to 0.8 - 4 bar (12 - 60 psi). The patented steam control valve is available in different sizes to control smaller or larger flows of steam. The steam control valve operates in a linear function and is available in normally closed or normally open function, depending on application.



*titanium actuator*

The control valve is available in stainless steel or in titanium which provides higher resistance to corrosion, especially where certain acids or even organic acids are used.

The linear control function of the valve results in easy control, CD control tuning as well as any kind of software are not required.

The VIB pneumatic actuator is lifetime greased and has therefore extremely low maintenance requirements. It can be installed even on the tightest steam boxes with control zone width down to 50 mm (2 inch).

The VIB steam control valve will be installed with the adapter for the valve seat in the original valve body. The pneumatic actuator with the valve cone will be fixed on top of the actuator body.



*stainless steel actuators*

After connecting all pneumatic lines the steam box can be re-installed into the original installation position.

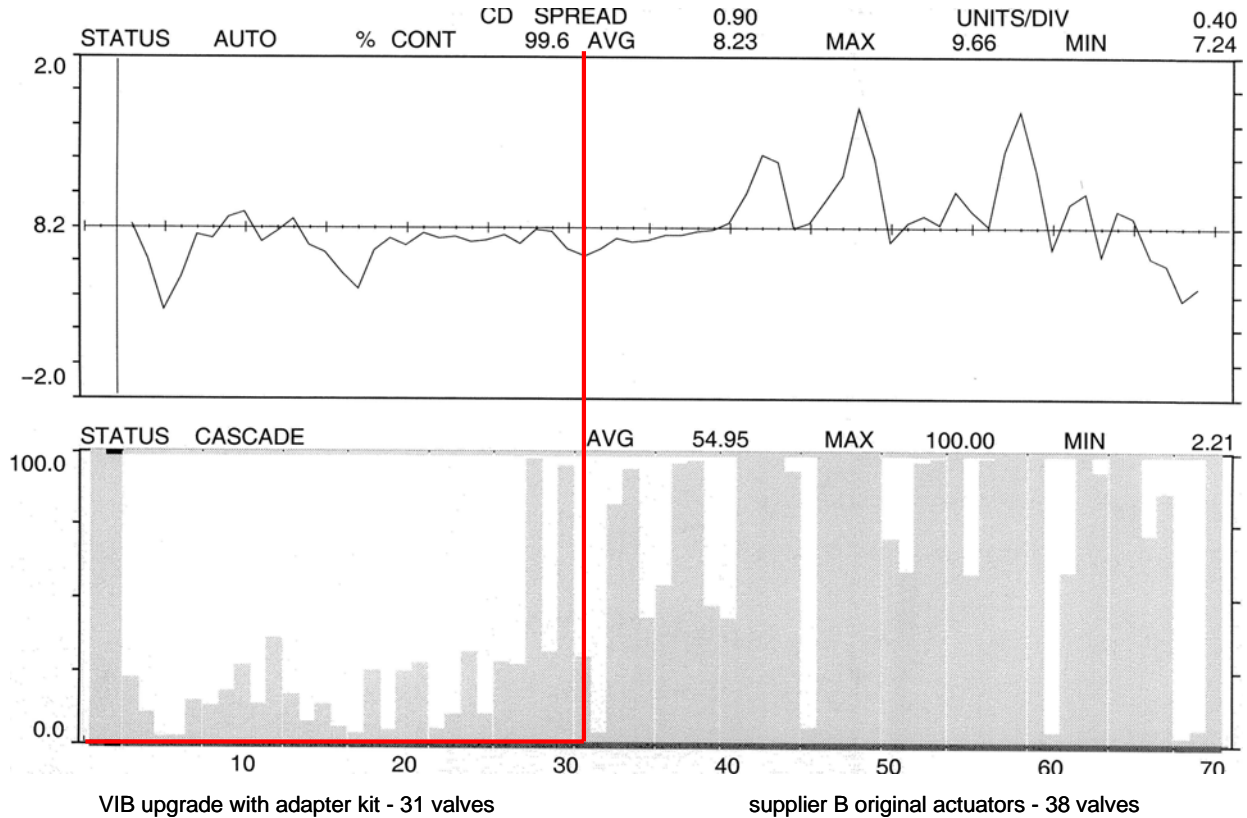


*during installation*

After re-installation of the valve covers the steam box is ready for operation. Now start the steam supply and see the results of the RetroKit.

## Results with RetroKit

After start-up of the steam box you will see results immediately. In the below moisture profile there were 31 VIB valves installed (see 1 - 31 out of 69).



### Technical Specifications

Pneumatic Actuator

Body material 1.4404

Control signal 0.2 - 1 bar (3 - 15 psi)

0.4 - 2 bar (6 - 30 psi)

0.8 - 4 bar (12 - 60 psi)

Position indicator

Closed in the absence of a control signal

Fail open or fail close

### Valve Alloy

- Primary 1.4571 (316 Ti)
- 1.4539 (904 L)
- Titanium - Titan TI GR5ELI

### PSF<sup>®</sup> – Precision Steam Finishing

**VIB SteamTech<sup>FF</sup>** – Fourdrinier Flat Steamshower

**VIB SteamTech<sup>TAD</sup>** – Through-Air Drying  
Steamshower

**VIB SteamTech<sup>TC</sup>** – Tissue Steamshower

**VIB SteamTech<sup>SC</sup>** – Press Section Steamshower

**VIB SteamTech<sup>TFF</sup>** – Teflon Flat Felt Heating  
Steamshower