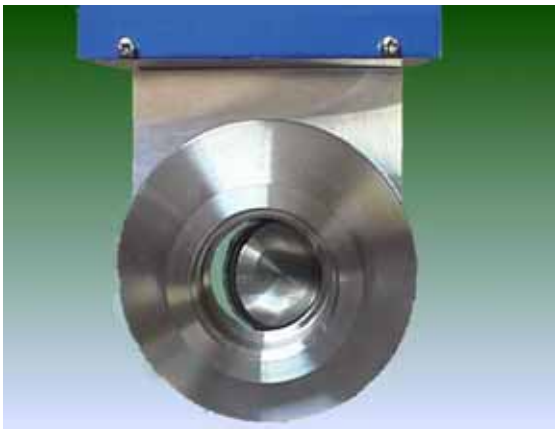
Automatic Pressure Control System



Fully Closed Throttle Valve

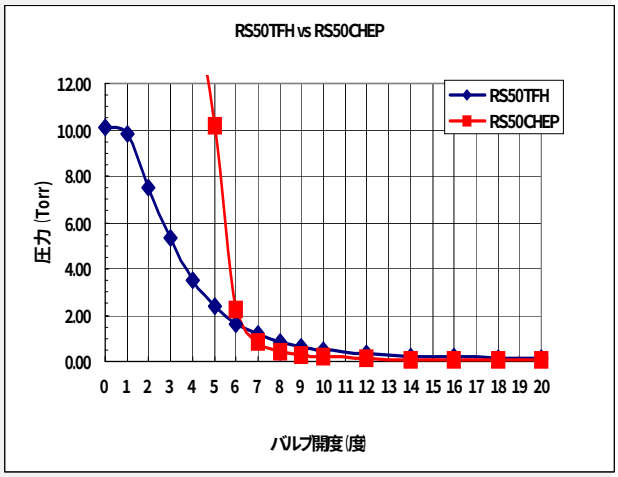
General Description

This valve is an automatic pressure control system equipped with an O-ring on the throttle valve, and it is designed to make the conductance as close to zero as possible when the valve is at the fully open position. The maximum pressure control with the conventional throttle valve is defined by the pumping capability, the space between the flapper and valve (minimum conductance), and the gas volume intake. In addition, this valve can raise the maximum pressure control without increasing the gas volume. It can also be effective when used as a slow exhaust valve for atmospheric pressure by controlling the valve at an adequate open position.

Note: This valve is designed to make the minimum conductance as close to zero as possible for pressure control. This does not guarantee the valve is perfectly shut at the fully closed position.

Features

- Valve/controller united APC
- Zero minimum conductance with an O-ring around the flapper.
- Increase in maximum pressure control without increase gas volume.
- Slow and slow exhaust
- Either automatic pressure control or valve position control by APN30/RS series
- Simple D.D. driven vale with a focus on maintenance.



without O-ring with O-ring

FUJI IMVAC INC.
6-18 Higashi-Cho, Isogo-ku, Yokohama, Japan
Tel ;045-755-2261 Fax; 045-755-2282