

# SERIES AP 61

## SPRINGLESS GASKET CHECK VALVE

The space saving safety device

- Dual function
  - face seal gasket
  - reverse flow protection
- True Springless Design, free of springs or poppets
- Replaces a conventional face seal gasket
- Installs in standard glands, no modifications required
- Low cracking pressure
- 500 psig (35 bar) rated
- Manufactured to meet UHP requirements

### Operating Parameters

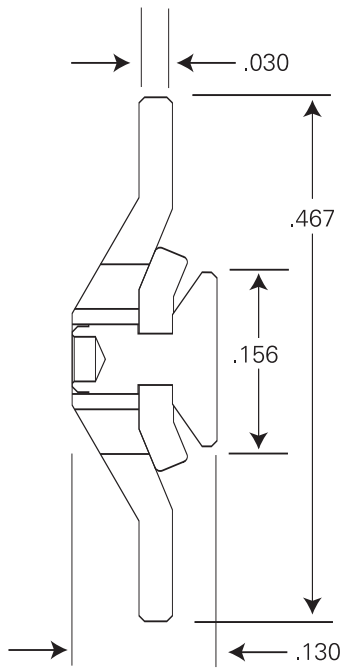
Source pressure	vacuum to 500 psig (35 bar)
Cracking pressure*	3 psid (0.23 bar)
Maximum backpressure	500 psig (35 bar)
Proof pressure	1,000 psig (70 bar)
Flow coefficient (Cv)	0.15 (when fully open)
Operating temperature	-10° to + 250°F (-23° to 121°C)

\*Cracking pressure is a nominal value which may vary due to application or use.

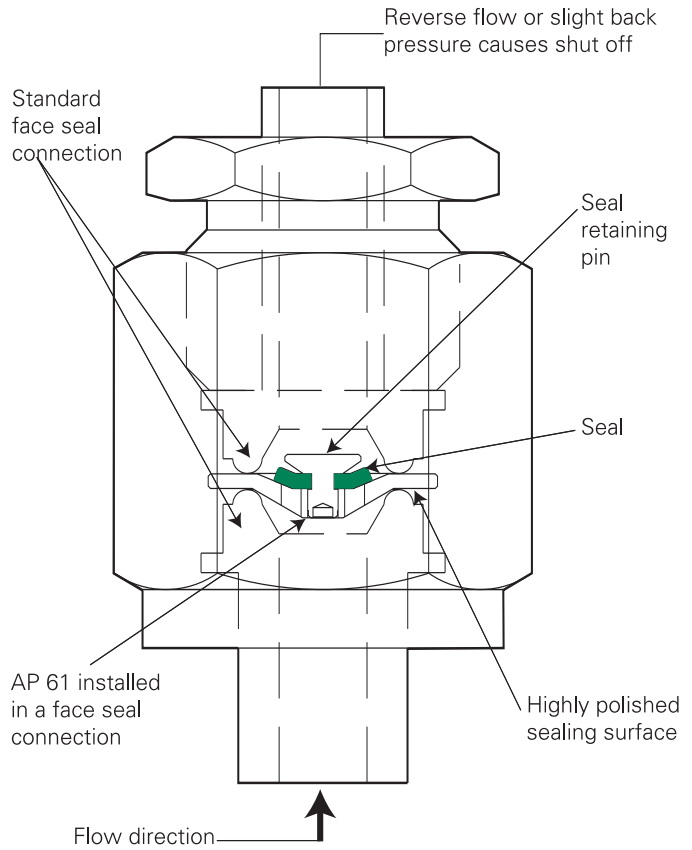
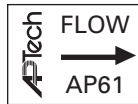
### Materials

Body	Nickel 200 (316L SS optional)
Pin	316 SS
Seal	Viton® (Chemraz® optional)

All specifications subject to change without notice. Chemraz® Greene Tweed Viton® DuPont



**Plumbing label**  
(twice actual size)



This label is provided with each AP 61. It alerts one to the installation of the device and the flow direction. It can be affixed to a hex flat on the female face seal nut, the gland or the tubing itself. It should be placed adjacent to the AP 61 and oriented such that the arrow indicates proper flow direction.

All dimensions in inches (mm).

Sample Order Number		AP 61N GT	
AP 61   Series	AP 61	GT   Option	GT = Chemraz® seal
N   Material	N = Nickel body S = Stainless steel (SS)		