

# V44700-196

2-Way B31.1 Non-Code Shut-Off Valve

Valcor Nuclear - Shut-Off Valve

## DESCRIPTION

Valcor's V447 series are direct acting, gate type 2-way shut-off valves. The floating seal design allows for bi-directional flow capabilities, true in-line flow and a self cleaning wiping action when operated. These compact, non-code valves are capable of handling high temperatures and high pressures with Cv up to 1.0.

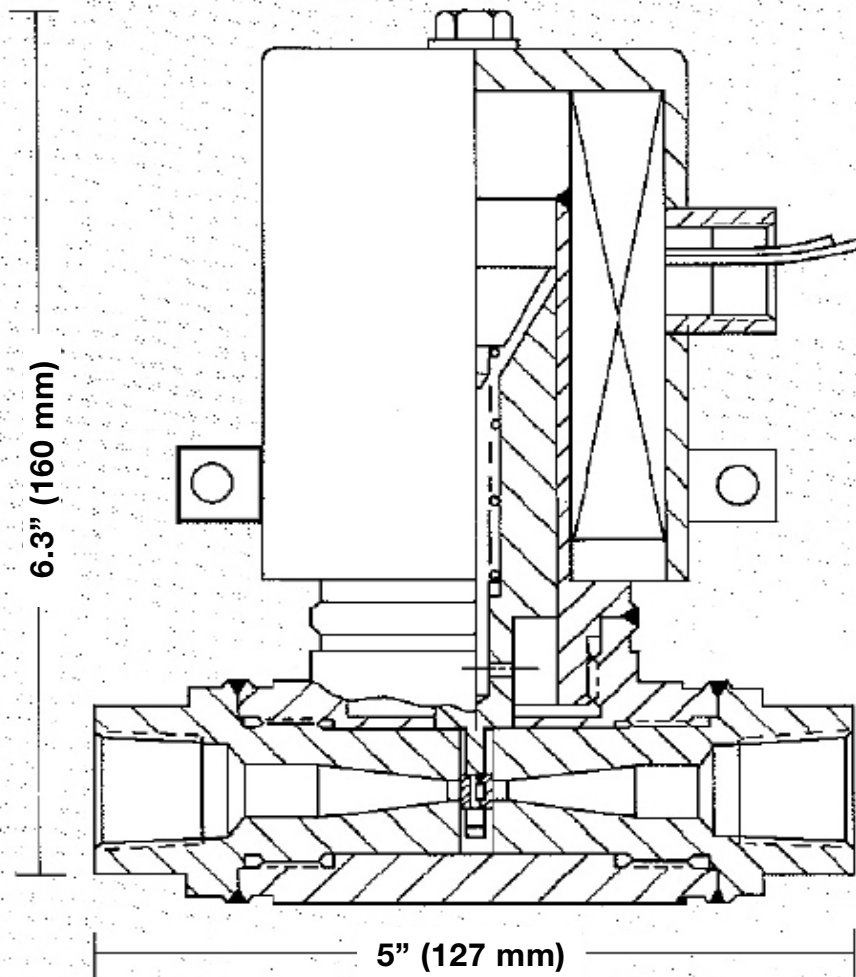
## APPLICATION

This valve is engineered for all liquid or gas applications in the Nuclear industry. Typical applications are feed water control systems, dump lines, make-up water, head vent systems, chemical injection systems, and monitoring/sampling systems.

## FEATURES

- Compact, non-code design
- In-line flow path
- Self-cleaning
- Meet ANS B31.1 requirements
- Body material stainless steel.
- Zero external leakage
- High cycle life; over 100,000 operations in most applications.
- Bi-directional flow available.
- Graphite (carbon) seals.
- Electrical components are totally enclosed, and meet minimum of NEMA 4 or better.
- Stress and seismic analysis available.
- Electrical connector/mating plug and mounting bracket available.
- Radiation resistance: Standard:  $1 \times 10^8$  rads.





**Specifications**

**Operating Pressure and Flow Ratings**

Media	Operating Pressure (PSIG)	Ambient Temp.	Min. Volts DC	Cv
Liquid or Gas	1250	200°F	24	1.0