

V70400-66

2-Way Direct Acting Normally Closed or Normally Open Non-Code Solenoid Valve



Valcor Engineering Corporation

DESCRIPTION

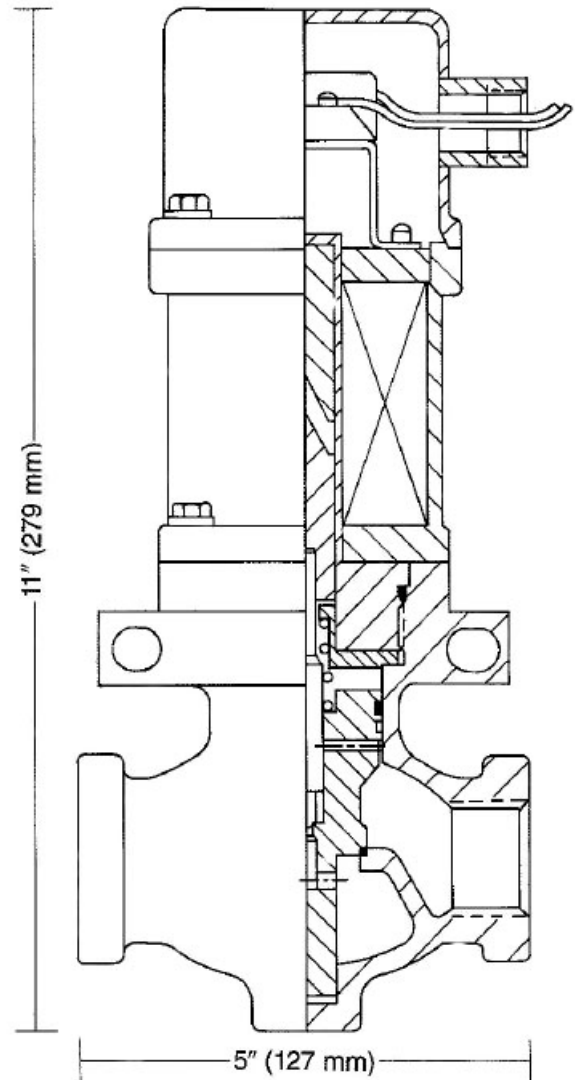
V70400-66 2-way pilot-assisted solenoid valves are specifically designed for gas or liquid applications in the nuclear energy industry. The pilot assist feature enables the use of lower power coils, reducing current consumption. The globe pattern body features internal passages contoured to resist the accumulation of particulates and sludge. These valves do not require a minimum differential pressure to operate.

APPLICATION

V70400-66 valves are specifically designed for all radioactive liquid and gas applications in the rad-waste management system. These include regenerative, chemical, floor drain, and laundry drain waste.

FEATURES

- High cycle life - over 100,000 operations in most applications
- Solenoid is removable without disturbing the pressure boundary seal
- Zero external leakage
- Resistant to contamination and sludge buildup
- Available in normally closed or normally open failsafe configuration
- Elastomer seals
- NEMA 4 stainless steel coil housing



Typical Dimensions
of a 1" Valve
Weight: 20 lbs.

Custom designs are our specialty. Contact us today to see how we can help on your next project.

Valcor Engineering Corporation
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www.valcor.com

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Operating Pressure & Flow Ratings

Media	Operating Pressure (PSIG)	Ambient Temp.	Min. Volts DC	Cv
Liquid or Gas	200	200°F	125	11.0

Specifications

Valve	ASME B31.1 compliance
Solenoid Operator	Class H materials or better.
Solenoid Housing	Meets minimum of NEMA 4 or better.
Line Connection	Standard: socket weld Optional: butt weld or tube extensions, flanged
Body Material	Stainless Steel
Radiation Resistance	Standard at 2×10^{-8} rads.

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