



V520-55-A100

Plug Resistant Orifice

Valcor Nuclear

DESCRIPTION

Valcor's V520-55-A100 Plug Resistant Orifice consists of two parts: the plug and the body. The strainer holes are sized to trap particles that might otherwise plug the basic orifice. The basic orifice is specified by the purchaser.

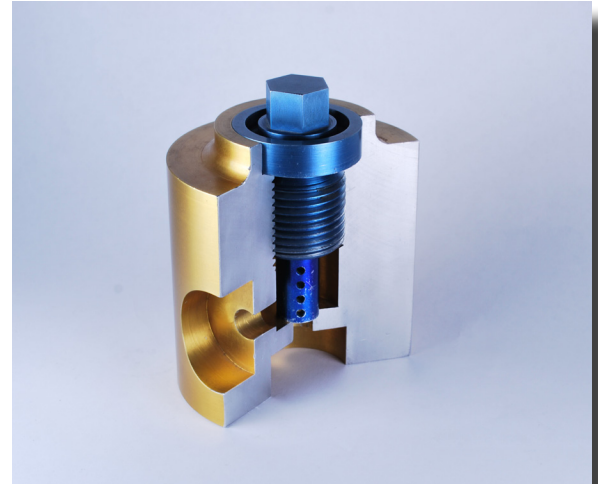
APPLICATION

This orifice is typically used:

- Downstream of a control valve to prevent seat erosion and to reduce noise
- Low point drain for steam mains
- Steam tracer
- Bypass around a control valve for startup and maintenance service
- Continuous bypass around a steam trap to reduce trap maintenance.

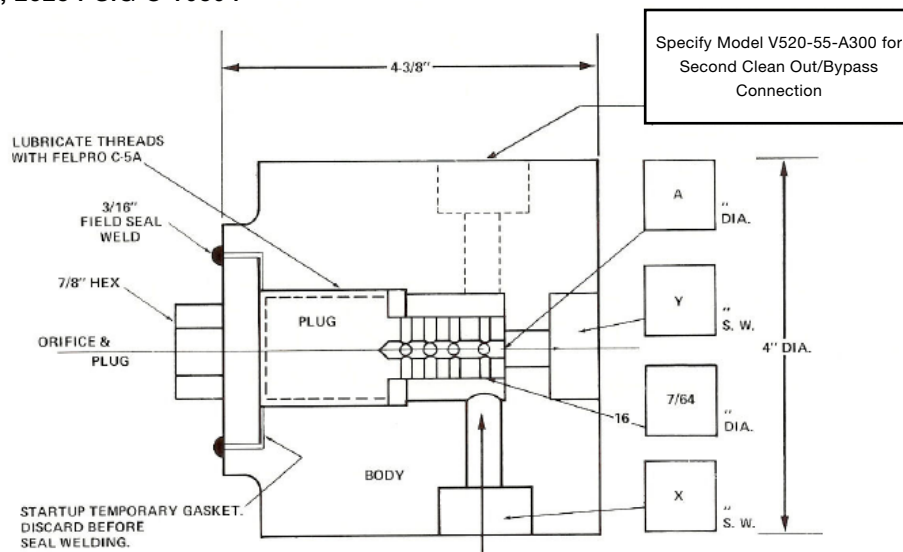
FEATURES

- Custom designed to meet specific operating requirements of the end use
- Interfaced with customer specified end fittings
- Designed and manufactured to ASME Section III, Class 1, 2, 3 or customer specified code
- Flow testing available to verify operating conditions
- Simplifies/reduces process control components



SPECIFICATIONS

- Body Material: ASME-SA479, Type 316 Stainless Steel
- Plug Material: ASME-SA479, Type 316 Stainless Steel
- Inlet and Outlet Socket Weld Connection: 1", 1 1/4", 1 1/2"
- Flow Restricting Orifice Diameter: Customer to specify - 1/16" Min.
- Sixteen Filter Holes: 6/64" when basic orifice is 1/8" or larger
- Rating: 3675 PSIG @ 1000°F, 2625 PSIG @ 1050°F



For more information contact:

Valcor Engineering Corporation
2 Lawrence Road | Springfield, NJ 07081
(973) 467-8400 | nuclear@valcor.com | www.valcor.com