

### Steam Applications

Steam is used in a variety of industrial and manufacturing processes that include cooking, boiling, cleaning, humidification, chemical and sterilization. Most applications require regulated delivery systems and steam control valves become a critical part of the process. The major application of valves with steam and thermal fluids is to reduce the pressure of the inlet steam for processes. SVF Flow Controls designed a line of steam and thermal valves engineered to meet all of the industry standards for quality and performance

### Ball Valve Solutions

Ball valves provide tight shut-off in any process application. The simple quarter-turn operation and versatile design maximizes its performance bandwidth and provides a solution for a variety of applications, including high flow, high pressure and high temperatures.

The **SVF Series N8/BN8** three-piece ball valve represents the next generation in design and performance for Steam and Thermal Fluid applications. These valves have been engineered to meet all of the industry standards for quality and high performance. The valves feature rich design, safety, reliability and superior performance to any process control system.

- Three-Piece Ball Valve for Steam & Thermal fluids that range from ¼" – 3"
- SupraLon™ seats are specifically designed for high temperature applications
- ISO 5211 mounting pad for easy actuation
- Blowout proof stem adds safety and reliability
- Live-loaded stem packing ensures seal-tight pressure containment under thermal cycling
- Encapsulated body seals to facilitate welding without disassembly



Series N8 (reduced port) and BN8 (full port) ball valves designed for steam and thermal fluid applications using our SupraLon™ seats for tight shutoff at temperatures up to 650°F

### Globe Valve Solutions

Globe valves are widely used in the industry to regulate fluid flow in both on/off and throttling service. They provide precise control with high pressure limits.

The **SVF Series 505F** forge globe valves are linear motion valves with rounded globular shaped bodies. Globe valves have the ability to perform in systems that require frequent stroking with a wide range of extreme temperatures.

- Forge Carbon or Stainless Steel
- Class 800
- Maximum pressure 1975psi
- Maximum temperature 850°F
- Bolted bonnet
- API 600 compliant
- Standard NACE MRO



Series 505F globe valves are commonly used for isolation of steam and thermal fluids

Visit our website, [www.SVF.net](http://www.SVF.net) for more information on our latest complete valve automation solutions.