

# SS NS-FC4-F1



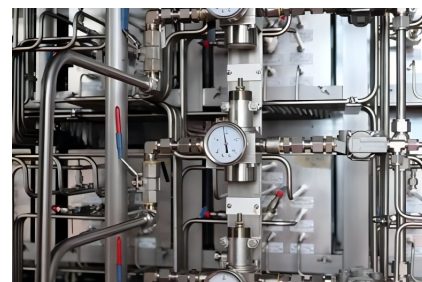
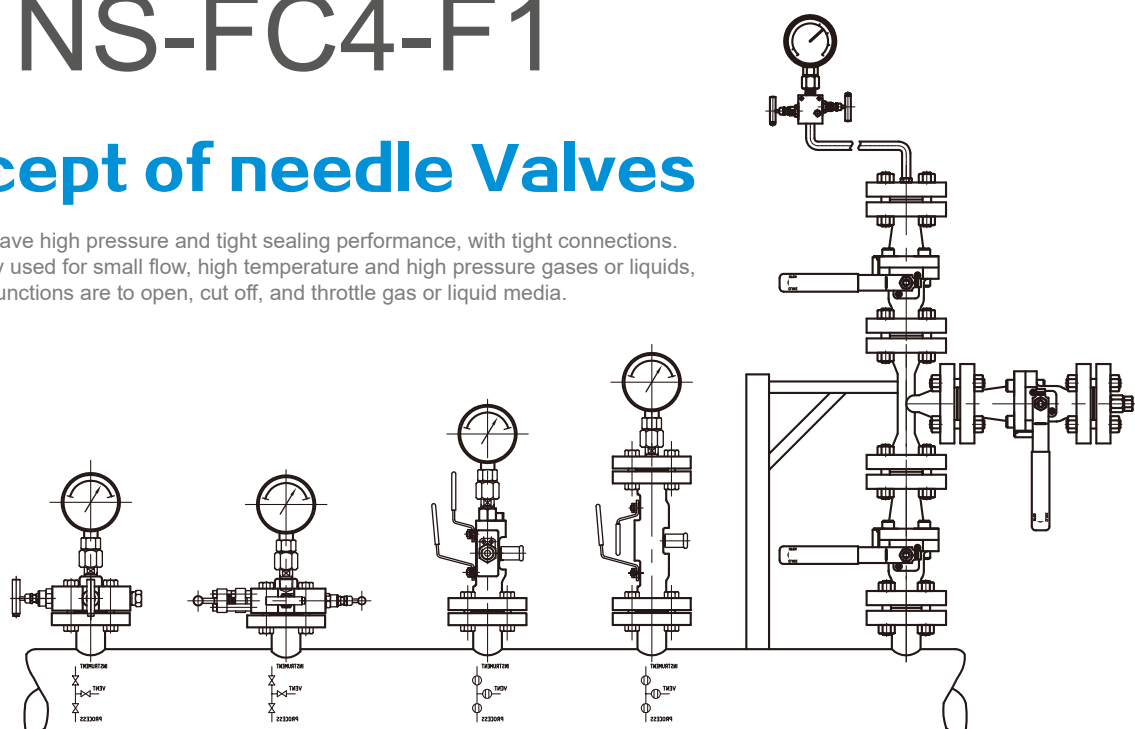
Engineering  
GREAT Solutions

Control valves for general applications

# SS NS-FC4-F1

## Concept of needle Valves

Needle valves have high pressure and tight sealing performance, with tight connections. They are usually used for small flow, high temperature and high pressure gases or liquids, and their main functions are to open, cut off, and throttle gas or liquid media.



## Parameter Description

Model: SS NS-FC4-F1

Port type: card sleeve (BW butt welding, SW socket welding, UBM sleeve welding, threaded)

Working temperature:- 20 °C ~520 °C

Pressure environment: 6000PSI up to 10000psi (689bar) maximum

Drive mode: One character handle, handwheel

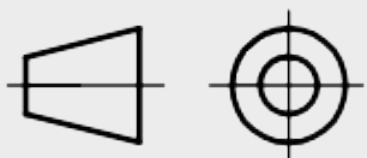
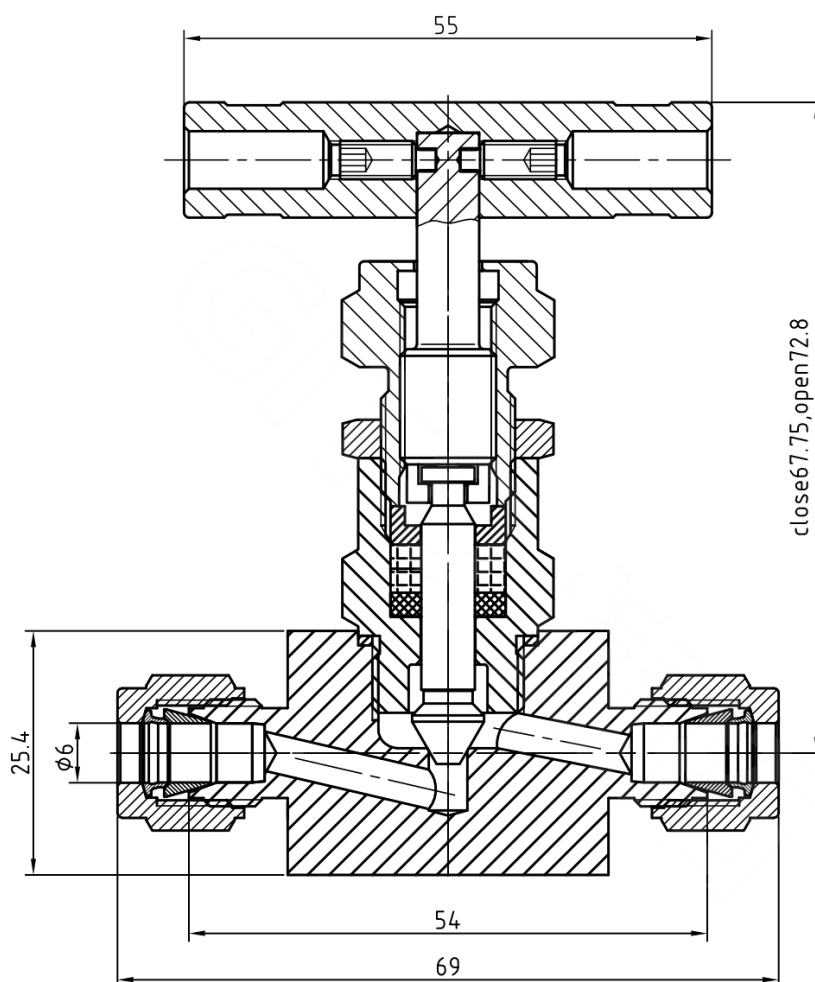
Nominal diameter: 3mm~28mm (1/8~1 ")

Material: 304, 316SS, 321, Hastelloy, Monel alloy

The valves designed and manufactured by Neptune provide ideal and correct solutions in the recommended application fields at the lowest purchasing and maintenance cost, able to meet and exceed the specified standards developed through years of experience, researches and laboratory testing.

# Characteristic

- > 1. Double stem design: The upper stem is threaded hardened, the lower stem is smooth surface hardened, and the lubricating grease on the upper stem thread is isolated from the system medium.
- > 2. The linear operation of the non rotating lower valve stem replaces the spiral operation, thereby avoiding damage to the valve seat and valve tip components, and reducing the friction between the packing and the lower valve stem;
- > 3. Valve accessories can be selected according to different pressures, temperatures, and media to ensure that the valve does not leak under specific working conditions and that the sealing components do not seal poorly at the corresponding temperature.
- > 4. And it can be achieved by replacing the valve core to cut off and adjust the flow.
- > 5. Optional valve panel fixation
- > 6. The handle has multiple colors to choose from;
- > 7. Each valve undergoes a sealing test before leaving the factory, and is subjected to a sealing test at 5% of the rated working pressure and 1.5 times the water pressure



Operating pressure: 6000PSI

Applicable temperature:  $\leq 420^{\circ}\text{C}$

Applicable medium: water, oil, and gas



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\* For any data errors or questions, please contact the manufacturer.

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