

# SSV

Surface safety valve (SSV) is a hydraulically actuated fail-safe gate valve for testing oil and gas wells with high flow rates, high pressures, or the presence of H<sub>2</sub>S. The SSV is used to quickly shut down the well choke manifold upstream in the event of overpressure, failure, a leak in downstream equipment, or any other well emergency requiring an immediate shut down.

## APPLICATIONS

- ▶ During onshore & offshore exploration, development, and production well testing of HPHT wells or the presence of H<sub>2</sub>S
- ▶ When an additional pressure barrier is needed in addition to the master valve





## FEATURES & BENEFITS

- ▶ Provide instant shut down to the well in case of an emergency, less than 2 seconds
- ▶ Prevent overpressure conditions to the downstream equipment
- ▶ Reduce personnel exposure during emergencies
- ▶ Comply with environmental regulations and reduce environmental risk
- ▶ Fail-safe and remote activation and automatic well closure
- ▶ Comes with API 6A flanges, but can be fitted with hammer union

## MAIN SPECIFICATION

<b>Model</b>	SSV-80-35	SSV-78-70	SSV-78-105	SSV-103-70
<b>Design Code</b>	API Spec. 6A & NACE MR 0175			
<b>Service</b>	Oil & Gas, H <sub>2</sub> S Service			Sweet Service
<b>Shut Down</b>	Less than 2 seconds			
<b>W. P (psi)</b>	5000	10,000	15,000	10,000
<b>W. T</b>	P – U			
<b>ID (in. [mm])</b>	3 - 1/8 [79]	3 - 1/16 [78]	3 - 1/16 [78]	4-1/16 [103]
<b>Connection:</b>				
<b>Inlet</b>	3" Fig. 1002 M	3" Fig. 1502 M	3" Fig. 2202 M	4" Fig. 1002 M
<b>Outlet</b>	3" Fig. 1002 F	3" Fig. 1502 F	3" Fig. 2202 F	4" Fig. 1002 F