

# Surface Safety Valve

## -SSV

Surface Safety Valve is a kind of hydraulic actuated fail safe gate valve for high pressure flowline with H<sub>2</sub>S. SSV is used to fast shut down on the upstream of flowline in case of overpressure, failure, leakage or any other emergency situation, which is located in front of choke manifold.

### APPLICATION

- onshore operation
- Drill Stem Test
- Well Cleanups
- Well/Production Testing

### FEATURES & BENEFITS

- Relief valve supply quick shutdown in 2 seconds
- Metal-to-metal seal improves reliability
- frame supply enhanced safety and durability
- Fail-safe and remote activation and automatic well closure



## Main Specification

Model	SSV-80-35	SSV-78-70	SSV-78-105	SSV-103-70
Service	Oil & Gas, H <sub>2</sub> S Service			Sweet Service
Shut Down Time	Less than 2 seconds			
W P (psi)	5000	10,000	15,000	10,000
T.P (psi)	7500	15,000	22,500	15,000
Bore Size	3 - 1/8"	3 - 1/16"	3 - 1/16"	4-1/16"
Inlet	3" Fig.602 M	3" Fig1502 M	3" Fig.2202 M	4" Fig.1002 M
Outlet	3" Fig.602 F	3" Fig1502 F	3" Fig.2202 F	4" Fig.1002 F
Design Codes	API 6A (PR1, PSL3)			
	NACE MR0175			
	Temperature Class: PU			
	Material Class: EE			
	DNV 2.7.1			

## Options

flanged end connection is available  
other sizes and specification available on request

if there is request, please contact with our sales people ([contact@shsenoil.com](mailto:contact@shsenoil.com)).