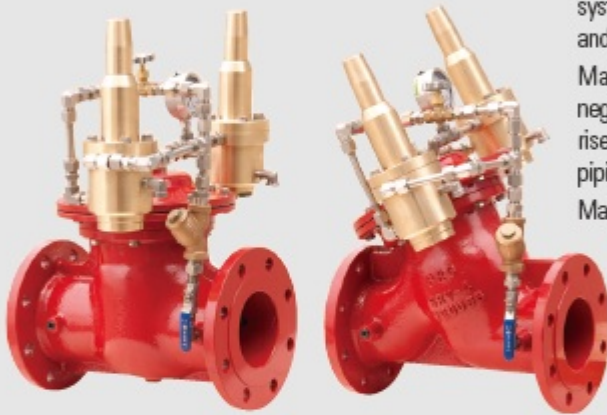


Surge Relief Valve

PILOT OPERATING TYPE



- 01-Main valve
- 02-Vent valve
- 03-High pressure pilot valve
- 04-Low pressure pilot valve
- 05-Strainer
- 06-Solenoid valve(Optional)

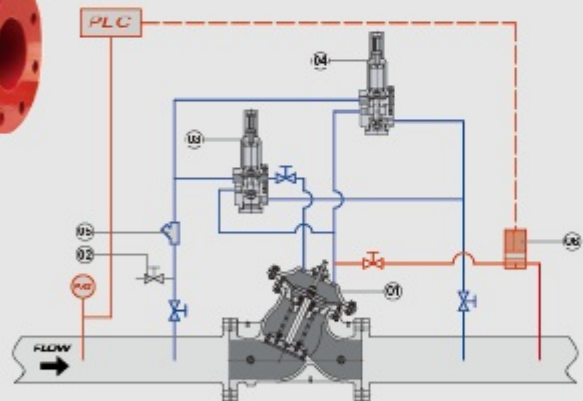
Introduction

Model SRVP consists of a main valve, low and high pilot valve, and accessory, completely assembled and tested as a unit and ready for field installation.

SRV is install in the bypass line pipe to protect the piping system from the surge(Water hammer) by sudden flow change and pump sudden stop.

Main Valve is open when low pilot valve anticipates the negative pressure in piping system to prevent the pipe pressure rise, and when high pilot valve detects the exceed pressure in piping system to discharge pressure.

Main Valve is closed tightly when normal operation is in state.



Benefits

Surge Anticipating & Pressure Relief

SRV consists of low and high pilot valve, the low pilot valve anticipate surge(water hammer), the high pilot valve relieve the high pressure in piping system.

Accurate and Precise Pressure Control

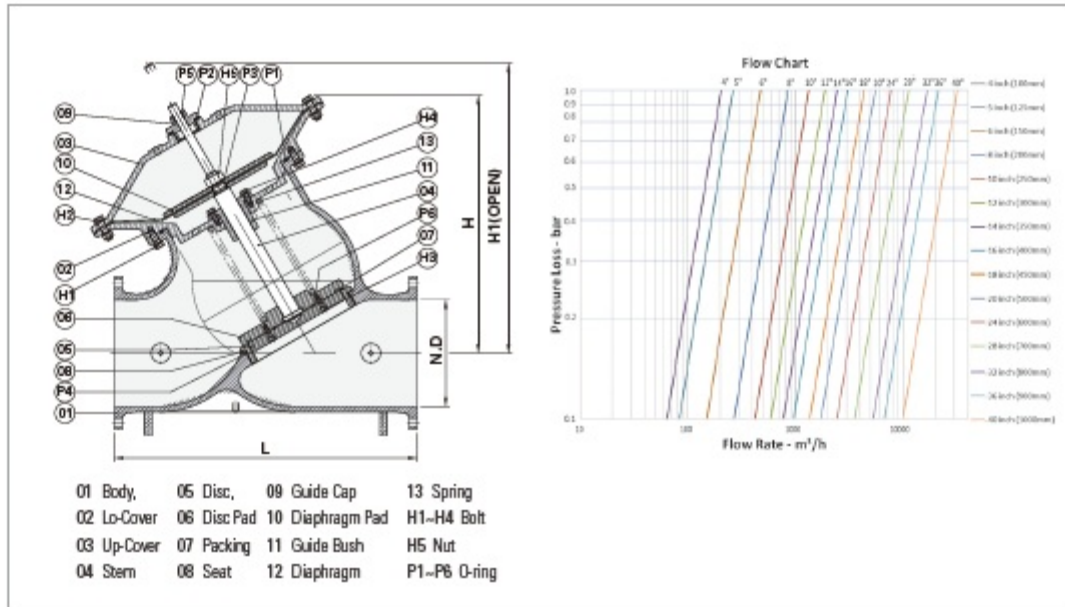
Main valve of pressure control is provided by accurate and precise pressure of low & high pilot valve.

Adjustable Opening and Closing Times

Open and close time of SRV depends on field site. Quick open time and slight close time are adjustable.



Typical Installation



Dimension Table (Y Pattern)

Unit = mm

SIZE	4"	6"	8"	10"	12"	16"	18"	20"	24"
N.D	100	150	200	250	300	400	450	500	600
L	310	430	520	610	650	910	960	1010	1200
H	250	343	441	519	615	753	850	893	934

Note : Other Size are available on request.

Standard flange connection is JIS 5K and others are available on request.

	Main Valve	Pilot Valve
Valve Patterns	"Y"(globe) & angle	Low, High pilot type
Size Range	2"~40" (50~1000 mm)	1/4"~1" (8~25 mm)
Standard Materials	Body & Actuator: Ductile Iron, Bronze Internals: Stainless Steel, Bronze & coated Steel Diaphragm: Chloroprene, NBR	Body: Brass, Bronze or Stainless Steel Internals: Stainless Steel Springs: Galvanized Steel or Stainless Steel