

Solenoid valve SV



GUANGZHOU SINON COMBUSTION

EQUIPMENT CO., LTD.

☎ 020- 84581309

💻 020- 84507159

🌐 www.gzsinon.net

✉ sinon@gzsinon.net

CHARACTERISTICS

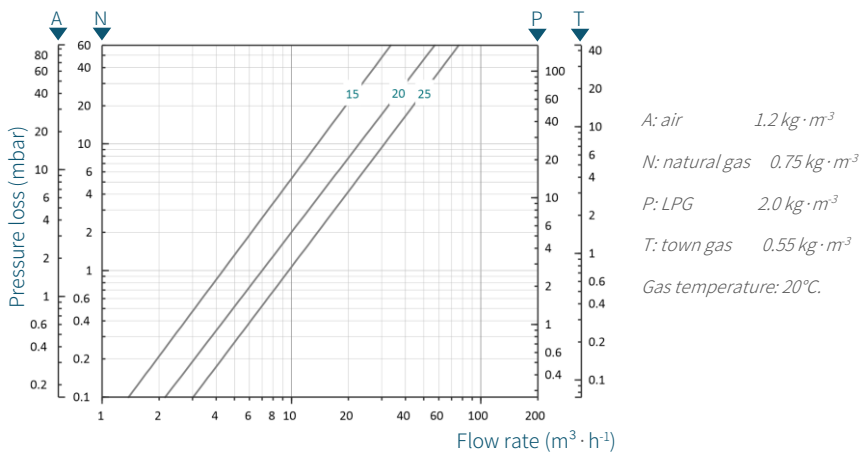
- For safe shut-off of gas supply.
- Quick opening and closing, both opening time and closing time are less than 1 s.
- The state of power on or off can be observed through the power indicator.
- Medium: natural gas, LPG, town gas, air and other clean gases.

APPLICATIONS

In automatically controlled combustion system, the gas solenoid valve SV is used as a gas switch of ignition burner or low-capacity burner. It is generally controlled by SCU. And when the burner is extinguished, it will cut off gas supply to ensure the safety of operation.

SPECIFICATION

Pressure loss curve

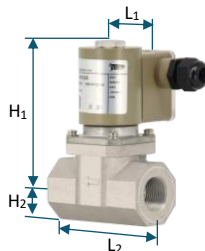


Type table

Type	SV	20	R	/220
Nominal diameter	15: DN15	20: DN20	25: DN25	
Access	R: thread			
Mains voltage	220: 220VAC			

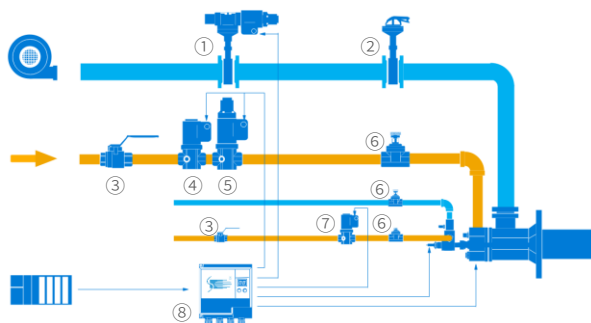
Dimensions

Type	Access	L ₁ /mm	L ₂ /mm	H ₁ /mm	H ₂ /mm	Max. inlet pressure /mbar	Power /W
SV 15R	Rp $\frac{1}{2}$ "	51	66	94	16	200	25
SV 20R	Rp $\frac{3}{4}$ "	54	85	109	23	200	31
SV 25R	Rp 1"	54	85	109	23	200	31



SOLUTIONS

For safe shut-off of gas supply:



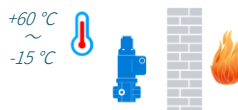
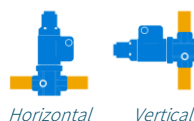
- ① Air solenoid valve MC+HTB
- ② Air valve HK
- ③ Manual shut-off gas valve
- ④ Gas solenoid valve SG..Q
- ⑤ Gas solenoid valve SG..S
- ⑥ Linear flow control valve KV
- ⑦ Gas solenoid valve SV
- ⑧ Burner controller SCU 4.2

INSTALLATION

- The pipeline must be purged before installation. Pay attention to the correct use of sealing materials such as PTFE tapes to prevent foreign matters from falling into the valve.
- Do not weld the pipeline near the valve to prevent welding melt or other impurities from blocking or damaging the valve.
- A manual shut-off valve should be installed upstream to facilitate maintenance.
- A filter should be installed upstream to protect the valve from foreign matters, dust, etc.

Installation position

- Installation position: in horizontal pipeline or vertical pipeline, and the solenoid coil is located above the horizontal direction.
- The arrow on valve body indicates the flow direction.
- Ambient temperature: -15~60 °C. Keep away from heat source as much as possible when installing.
- Enclosure: IP 54. Prohibit installing it in the open air.



Wiring

- Connect live wire and neutral wire respectively follow the marks on terminals, and use BVR cables of 1~2.5 mm² with a withstand voltage of 500 V.