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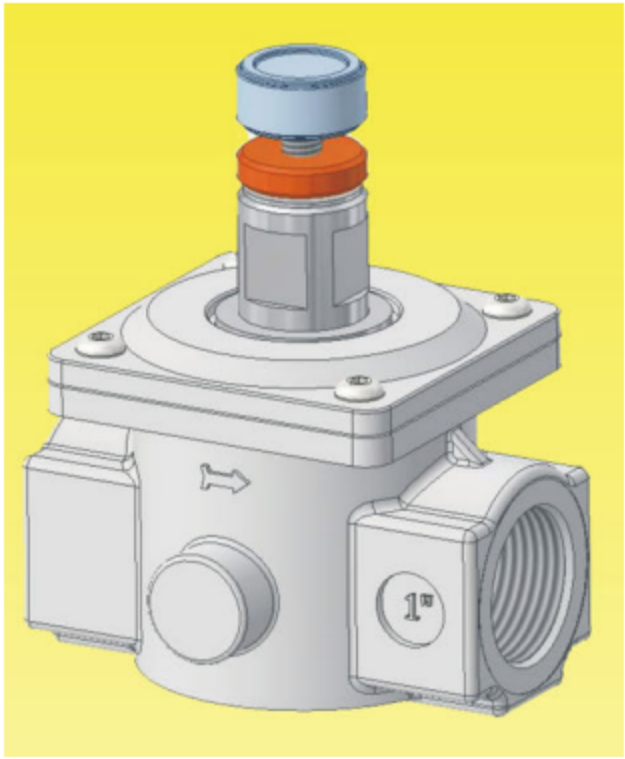
诺 一

ASH
Gas Fine Regulating Valve



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ASH Gas Fine Regulating Valve

Overview

ASH series gas fine regulating valve is a valve which controls the flow of gas by rotating the knob to control the up and down movement of the spool in the valve body to adjust the opening dimension of the valve port.

It is widely used in gas heat setting of metallurgical industry, textile industry, printing industry, kiln heating of glass and light bulb industry and automatic control system of gas heating in other industries.

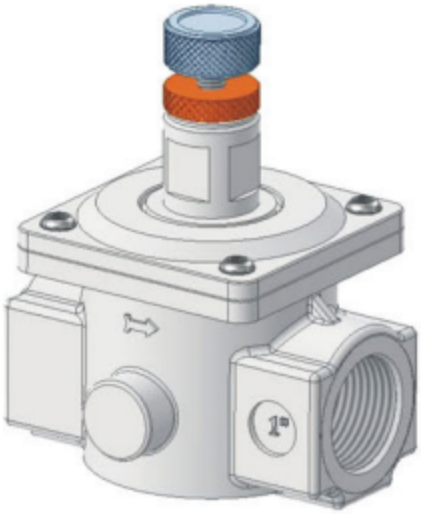


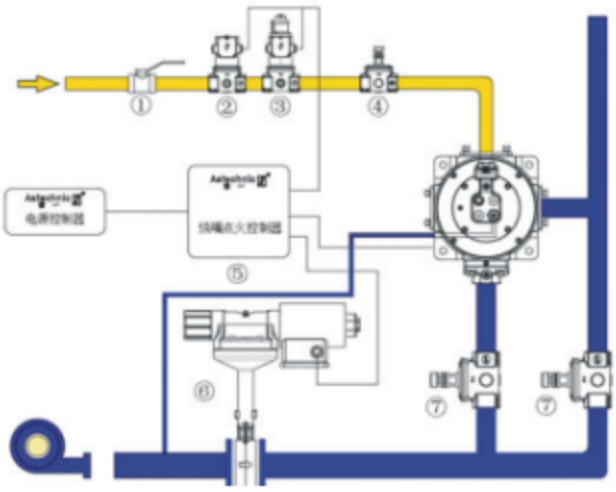
Fig. 1 ASH Gas Fine Regulating Valve

Features

- ASH series gas fine regulating valves, the valve opening and flow basically show a linear change.
- The valve regulating screw has a lock nut, which is used to lock the regulating valve bar and prevent the valve position from changing.
- Applicable medium: natural gas, liquefied gas, air and other clean gases.
- Lightweight design of all aluminum alloy.

Functions and Applications

- ASH gas fine regulating valve series is based on the working principle of rotating spool and is often used in situations where fine adjustment of gas flow is needed. It is commonly used as a manual control valve for gas and combustion-supporting air lines in front of the burner. The fluid flow can be adjusted accurately and finely, and the change of the flow rate is basically the same.



① Gas manual shutoff valve
② Gas manual shutoff valve AVE.N/AMR.N
③ Gas quick opening solenoid valve AVE.L
④ Gas Fine Regulating Valve ASH
⑤ Burner Ignition Controller ACU460/ACU480
⑥ Air Pulse Solenoid Valve ACK
⑦ Manual air control valve

Fig. 2 Installation example of ASH Gas Fine regulating Valve

Installation dimensions and specifications

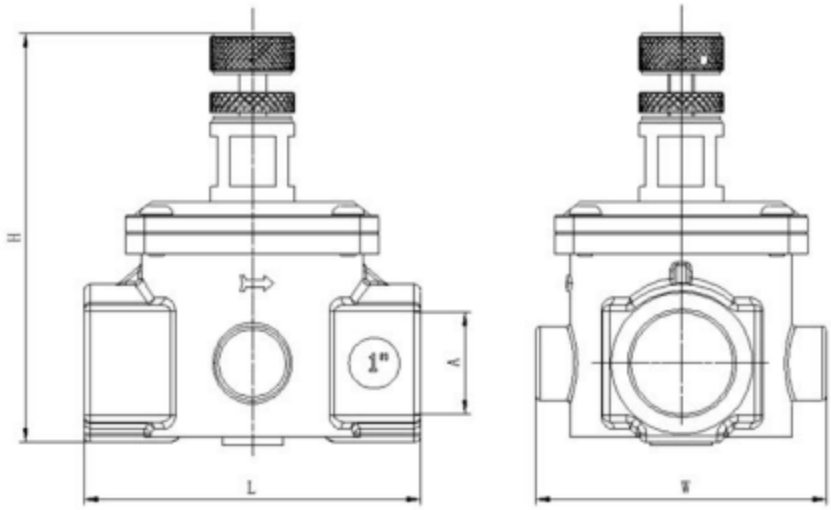


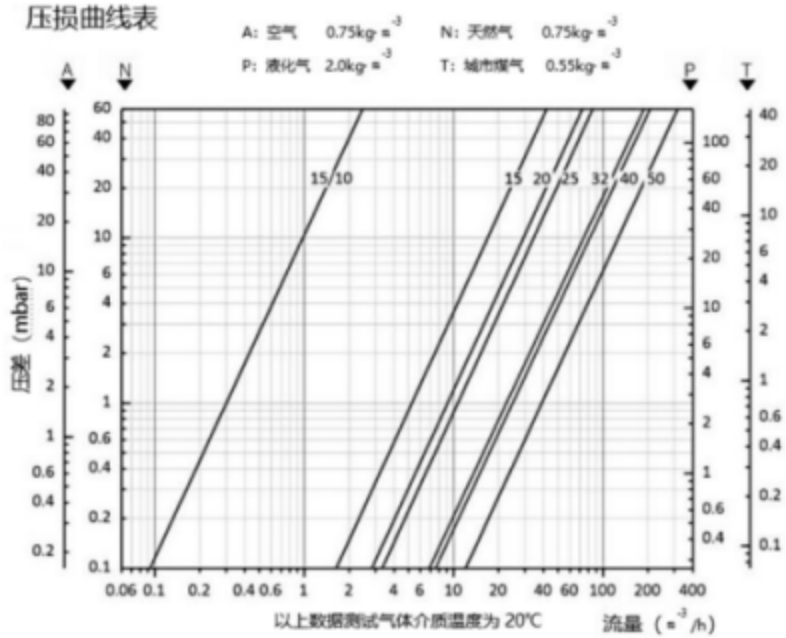
Fig. 3 Structure diagram of ASH Thread connection

Model	Nominal inner diameter	Connection mode	Internal thread	Length	Width	Height
			A	L	W	H
ASH15	DN15	Thread	Rp 1/2	66	42	97
ASH20	DN20	Thread	Rp3/4	100	86	122
ASH25	DN25	Thread	Rp 1	100	86	122
ASH32	DN32	Thread	Rp 1 1/4	147	110	190
ASH40	DN40	Thread	Rp 1 1/2	147	110	190
ASH50	DN50	Thread	Rp2	170	135	205

Technical Parameters of ASH Gas Fine Regulating Valve

- Working medium: natural gas, methane, liquefied petroleum gas, etc.;
- Working temperature: -10°C~80°C;
- Maximum working pressure: DN15-50 2bar;
- Protection class: IP54;
- Sealing material: nitrile rubber;
- Body material: valve aluminum alloy;
- Service life: meet JB/T 7352-2010 technical requirements;
- Leakage: in line with JB/T 7352-2010 technical requirements;
- Rated flow coefficient: in line with JB/T 7352-2010 regulations.

Pressure loss curve table



The temperature of the gas medium measured by the above data is 20 ℃.

Fig. 4 Corresponding chart of flow and pressure of ASH gas fine regulating valve

Order code and Model of ASH Gas Fine Regulating Valve

No.	Order code	Model	Product Description
1	111050150002	ASH 15	Thread connection Rp1/2
2	111050200002	ASH20	Thread connection Rp3/4
3	111050250002	ASH25	Thread connection Rp1
4	111050320002	ASH32	Thread connection Rp 1 1/4
5	111050400002	ASH40	Thread connection Rp1 1/2
6	111050500002	ASH50	Thread connection Rp2

Precautions for Installation and use of ASH Gas Fine Regulating Valve

- When installing, it is appropriate to choose a horizontal pipeline section with less vibration, the installation position is arbitrary, reserve disassembly and assembly, and the operation space can be;
- The arrow on the valve body should be consistent with the flow direction of the medium;
- Please purge the pipeline thoroughly before installation to avoid foreign matter damage valve failure;
- If installed outdoors and in harsh environments, corresponding effective protection should be done;
- It is recommended to install filter AF upstream of the fine control valve to protect the fine control valve from foreign matter, dust, etc.
- When the valve is not installed temporarily, it can be stored in an indoor room with an ambient temperature of 0-40 °C and a relative humidity of ≤ 80% non-corrosive gas, and open storage is not allowed.
- Ensure that all functions of the system meet the specifications of the valve (gas type, working pressure, flow rate, etc.).
- The maintenance cycle is once a year, and the number of maintenance is increased according to the situation, such as: corrosive gas;