Ductile Iron Emergency Shut-off Valve

(W-900X-16Q/25C)

Application:

The Watts W-900X Ductile Iron Emergency Shut-off Valve is designed to protect the pipe network system and save construction cost and water consumption. It's generally used in building services, water treatment, etc.

Features:

1. Opening and closing without friction;
2. Modularization structure;
3. Reliable sealing performance;
4. Easy to operate;
5. Wide application scope.

Operating Principles:

Normally, the main valve opens for the domestic water, when the fire break out, water for firefighting is needed, the main valve closes automatically, the domestic water is shut off, ensuring sufficient fire water. When firefighting stops using water, the pressure decreases, and the valve automatically restores the domestic water.

Technical Specification:

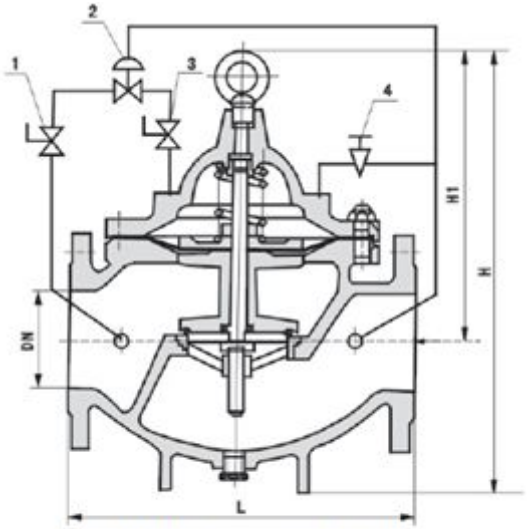
Nominal Diameter:	DN50～DN450
Nominal Pressure:	PN16/25
Working Temperature:	0℃～80℃
Fluid Medium:	Water
Pressure Regulating Range:	0.1MPa～1.0MPa(PN16)
	0.2MPa～1.6MPa(PN25)
Design Standard:	JB/T 10674-2006
Test Standard:	GB/T 13927-2008

Material:

Part	Body		Bonnet		Pilot Valve	Connecting Pipe
Material	Ductile Iron Coated with Epoxy (PN16)	Carbon Steel Coated with Epoxy (PN25)	Ductile Iron Coated with Epoxy (PN16)	Carbon Steel Coated with Epoxy (PN25)	Copper	Copper / Stainless Steel

Installation Dimensions:

Connection Dimension: GB/T 17241.6, GB/T 9113;



1.Small Ball Valve 2.Pilot Valve
3.Small Ball Valve 4.Needle Valve

DN	50	65	80	100	125	150	200	250	300	350	400	450
L	203	216	241	292	330	356	495	622	698	787	914	978
H1	278	298	313	350	365	420	450	470	490	526	570	570
H	395	405	430	510	560	585	675	730	760	840	910	910

*Please contact the local salesmen if the size ≥DN450 are needed.

Typical Application:

1. Water plant and water source project;
2. Environmental protection;
3. Municipal facilities;
4. Electric power and utilities;
5. Construction industry.

Installation Instructions:

(1) The valve's rated parameters should match the equipment's. Make sure that the valve's rated flow satisfies the actual demand;

(2) The installer must be trained or experienced so as to operate the installation correctly;

(3) A thorough check after installation is needed to ensure no errors;

(4) A thorough cleaning before installation is needed (chemical reagent can be applied if it is necessary) to ensure that there is not any rusting or dirt in the pipe. All the filters must be removed before washing to keep the pipe smoothly open;

(5) When beginning to wash the system, it is suggested to install the valve on a temporary pipe. After finishing system cleaning, move the valve back and install it on the system's pipe;

(6) This product should not be used when the fluid medium has high viscosity (contains much grease or mineral oil), or under corrosive circumstances;

(7) Use flange and the corresponding bolts that meet the standard to connect the valve;

(8) The direction of flow must accord with the direction of the arrow head on the valve body;

(9) For the size below DN200, the main valve can be installed horizontally or vertically, but horizontal installation is better. The size above DN200 only can be installed horizontally.