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Fully bore globe pattern design, lowest head loss while fully open

Keep stable working condition even the flow rate close to zero

High sensitive and strength fabric reinforced diaphragm

- 1000000 cycles test between fully close and open with working pressure

- 5 times of working pressure destructive test

Most components are machined by CNC

Fusion bonded epoxy coating process is based on GSK & WIS standard

High standard production test

- Seal test: Low pressure 0.5 bar

High pressure  $1.1 \times PN + 1$  bar

- Shell test:  $1.5 \times PN + 1$  bar

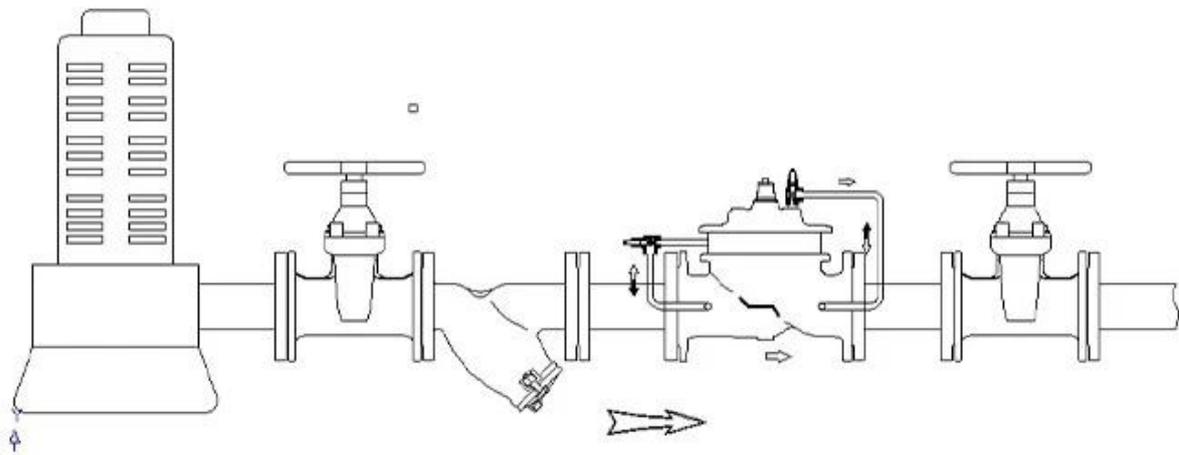
- Pressure modulated vibration:  $\pm 0.2$  bar

Data collected automatically 1000 times/sec, display with static or dynamic chart

Easy installation, operation and free maintenance

Different materials with WRAS/KTW/NSF/FDA/ACS certification to meet different market

Size	DN40-DN1200
Working Medium	Water
Temperature	0°C~70°C
Material	Ductile Iron/Stainless Steel/Cast Steel/Bronze/Aluminum Alloy
Design Standards	CJ/T 219 & JB/T 10674 & EN 1074-5
Pressure Level	PN10, PN16, PN25
Stress Test Standard	GB/T 13927 & ISO 5208 & EN12266-1
Flange drilling standard	GB17241.6; EN1092-2; ISO7005-2; ANSI / JIS / AS2129
Structure Length	GB 12221 & EN558-1



The 745X dual-chamber multi-function pump control valve is installed at the pump outlet to prevent and eliminate the damage of water hammer to the pipeline system/pump when the pump is turned on/off□

When the pump opened, the inlet pressure gradually into the valve cavity, so that the valve slowly open, open speed can be adjusted by the needle valve;

When the pump suddenly power failure or stop pumping, lift-off valve disc in its own gravity, Spring Force after the return of the back end of the water hammer force quickly closed.Prevent the back-end of the high-pressure water hammer on the front of the pump damage. Valve closing speed can be adjusted by needle valve or ball valve.





## Exhibition Photos





DIN ASME BS EN JIS API AWWA

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A RK fluid 20 70