TONE
TEYI VAVLE

Multifunctional hydraulic control valve series

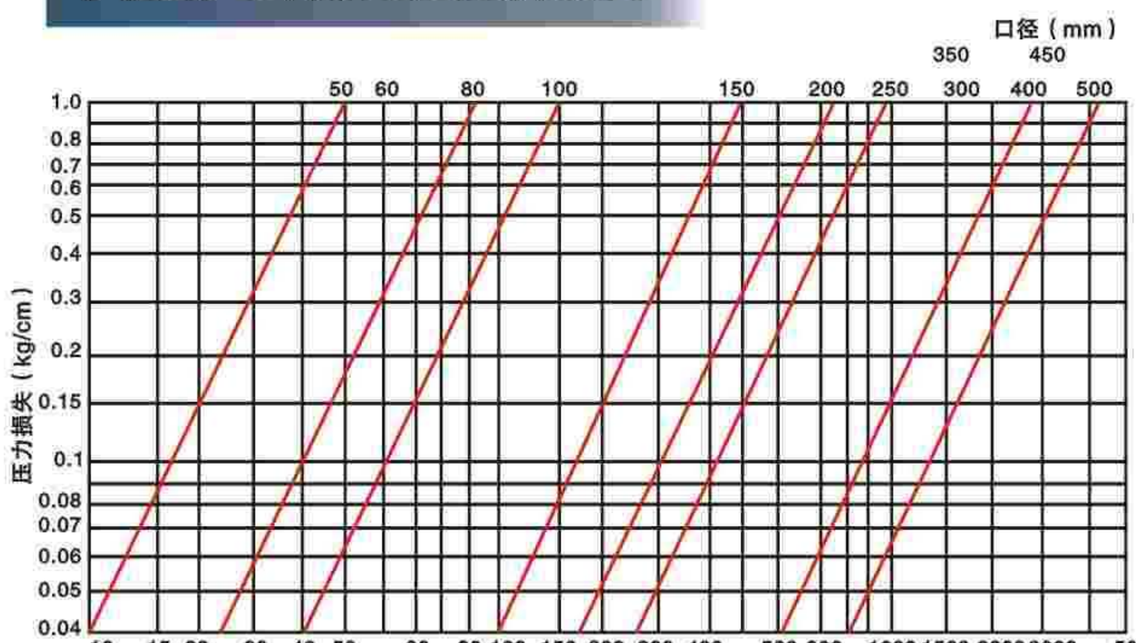
General

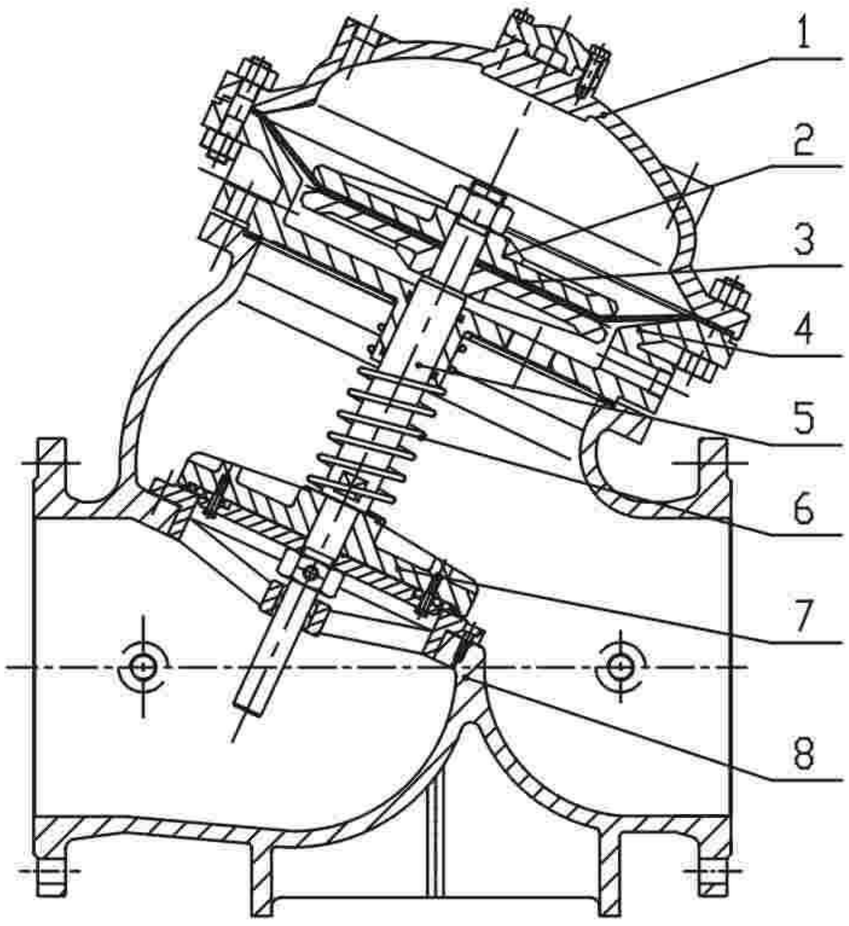
Multifunctional hydraulic control valve include main valve &control system. The control system include pipe, pilot valve, needle valve, etc. It was installed in water supply. The valve closed or opened against valve differential pressure. so in order to apply to a variety of working conditions, Many different function valves can be got when changed the control system, such as pump control valve, floating ball valve, pressure reducing valve, relief valve, etc. Also 2 types designed (diaphragm type & piston type) for choosing. Usually, above 600mm, please choose the piston type.

Specification

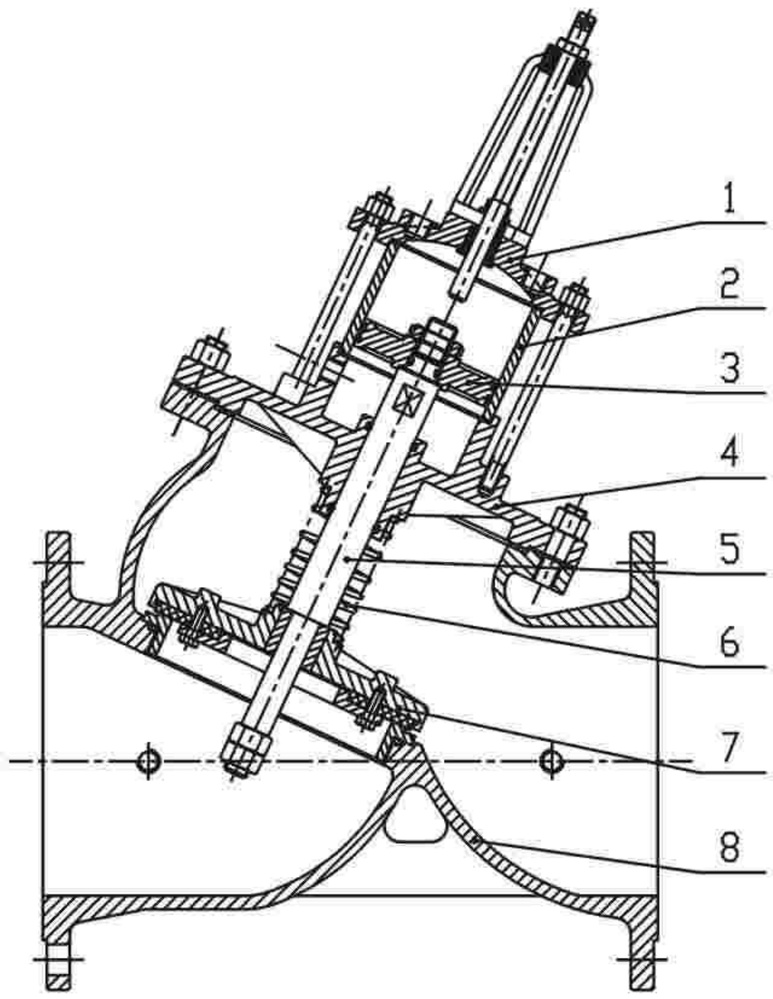
Nominal pressure(MPa)	1.0	1.6	2.5
Shell test pressure(MPa)	1.5	2.4	3.8
Seal test pressure(MPa)	1.1	1.76	2.75
Sealing test (Gas)	6	0.6	0.6
Working pressure	≤80℃		
Suitable medium	water, sewage, seawater		

Flow Characteristic





Diaphragm type



piston type

Main part matrial

Number	Name	Material	Number	Name	Material
1	Bonnet	Cast Iron，Ductile Iron，Carbon steel，Stainless steel	4	Bonnet	Cast Iron，Ductile Iron，Carbon steel，Stainless steel
2(Diaphragm type)	Plate	Ductile Iron，Carbon steel，Stainless steel	5	Stem	Stainless steel
2(piston type)	Cylinder	Stainless steel	6	Spring	Stainless steel
3(Diaphragm type)	Diaphragm	NBR,EPDM	7	Disc	Carbon steel，Stainless steel
3(piston type)	Piston	Carbon steel，Stainless steel	8	Body	Cast Iron，Ductile Iron，Carbon steel，Stainless steel