

BS Standard Pressure Reducing Valve

Model: Y11X-702A

Doc NO: DS-56A- Y11X-702A-01-E-X

1.0 PRODUCT INTRODUCTION

The pressure reducing valve adjusts the flow of the medium by controlling the opening of the opening and closing parts in the valve body. Reduce the pressure of the medium, and at the same time use the valve back pressure to adjust the opening of the opening and closing parts to keep the valve back pressure within a certain range. When the inlet pressure is constantly changing, keep the outlet pressure within the set range to protect the facilities behind it. This product has the following advantages: the valve body and bonnet adopt the constant temperature hot forging forming process, the structure density is high, and the mechanical properties are good.



Dimensions:

1/2"(DN15)-2"(DN50)

Connection Standard:

ISO 228

Working Pressure:

PN16

Application:

It is mainly used for regulating pipe pressure in water supply system. Working temperature ranges from 0℃ to 80℃.

Matching Product Material and Standard:

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____

ISO 228 threaded steel pipe

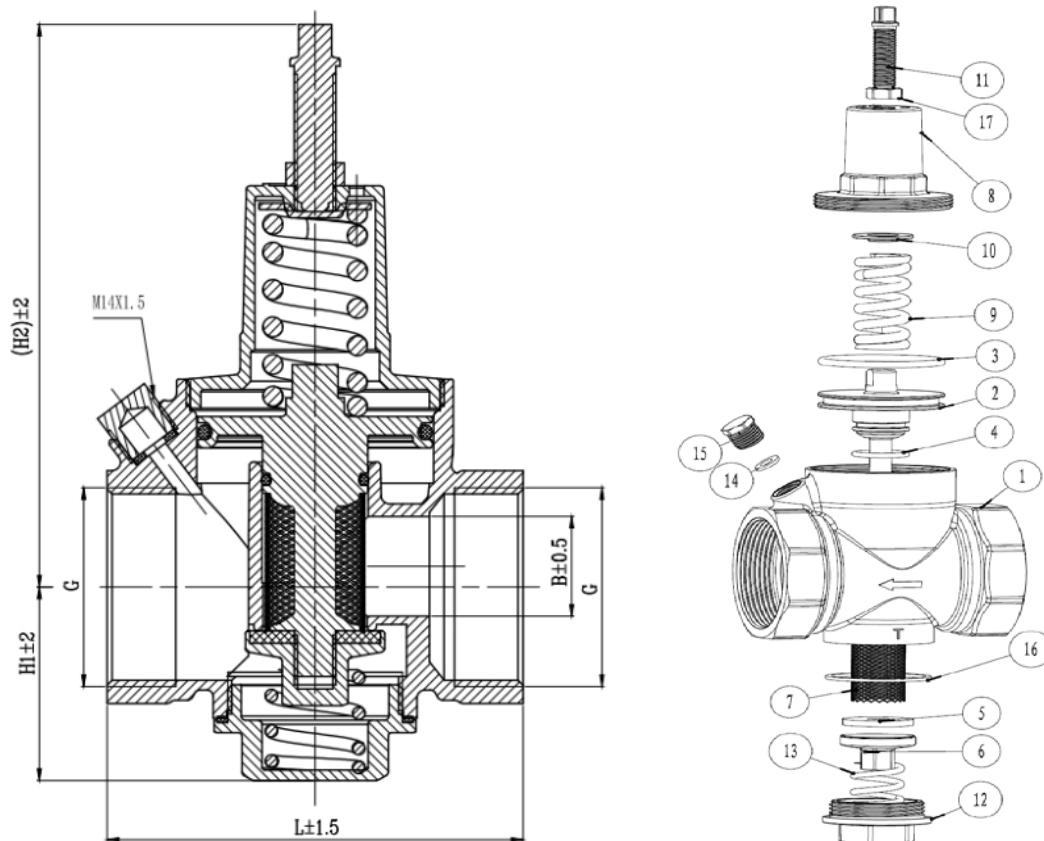
Surface Treatment:

- ☐ metal color after slinging
- ☐ other option upon request

2.0 APPROVALS

3.0 SPECIFICATIONS

Product Sketch:



NO.	Spare Part	Specification
1	Valve Body	HPb59-1
2	Piston	HPb59-1
3	O-Ring	EPDM
4	O-Ring	EPDM
5	Gasket	EPDM
6	Piston Base	HPb59-1
7	Filter	Stainless Steel

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
 Location: _____ Date: _____ Approved & Date: _____

8	Upper Bonnet	HPb59-1
9	Spring	Spring Steel
10	Gasket	Stainless Steel
11	Adjust Screw	Iron
12	Lower Bonnet	HPb59-1
13	Spring	Spring Steel
14	Gasket	NBR
15	Plug	HPb57-3
16	Gasket	PTFE
17	Hexagonal Nut	Carbon Steel

4.0 DIMENSIONS AND PERFORMANCE

4.1 DIMENSION

DN(mm)	NPS(in)	L	ØB	H1	H2	G	SW
15	1/2	72	12	30.2	84.5	1/2	25.5
20	3/4	75	12.5	27.2	87.5	3/4	31.5
25	1	78	17.5	33.5	103.2	1	39.5
32	1 1/4	83	18	33.5	103.7	1 1/4	49
40	1 1/2	100	24	46.5	134	1 1/2	55.5
50	2	112	25	52.5	138.5	2	69.5

4.2 PERFORMANCE

- Leakage test: 1.1 times the rated working pressure;
- shell test: 1.5 times rated working pressure;
- pressure range of the outlet: 0.1-0.55MPa;

5.0 REFERENCE MATERIALS

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
 Location: _____ Date: _____ Approved & Date: _____