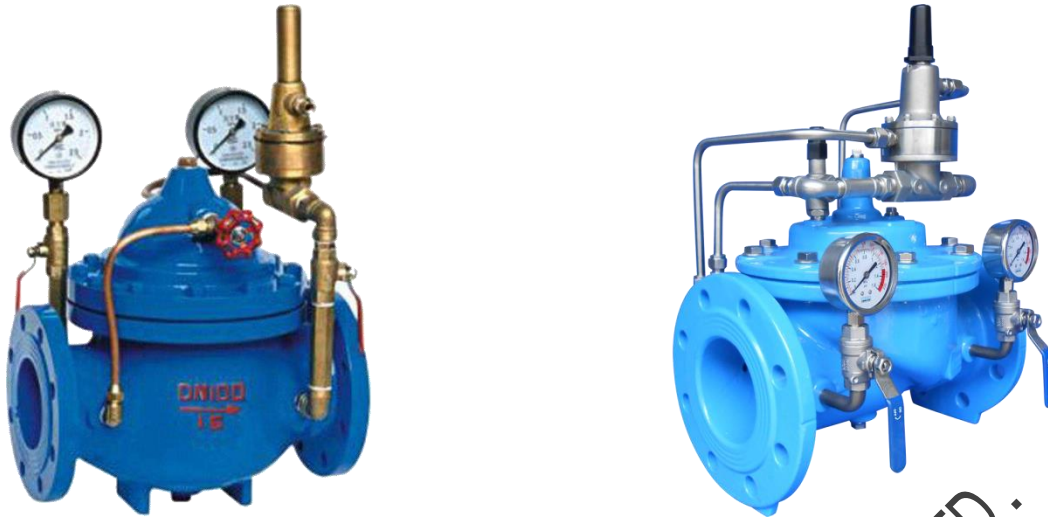




800X DIFFERENTIAL PRESSURE VALVE



GENERAL

800X differential pressure balancing valve is applicable to be mounted between the air-conditioning system water supply and backwater to balance their differential pressure. It can increase the system operating factor, keep precise differential pressure steady value, and even reduce mostly the system noise and the system damage caused by over differential pressure.

800X differential pressure balancing valve is superior to other balancing valve, because it doesn't need actuator, but only depends on the medium self-differential pressure to achieve balancing system function, so that it is one type of energy conservation and space saving intelligent valve. It is applicable to be mounted on the pipeline sizes \leq DN600.

FEATURES

Nominal pressure: ANSI 125/150LB, PN1.0/PN1.6MPa/PN2.5MPa

Size: 3/4" ~ 24" (20 ~ 600mm)

Materials: cast iron, ductile iron, cast steel, stainless steel, brass, bronze

Quality assurance: ISO 90001

Design: Q/FSF-2014

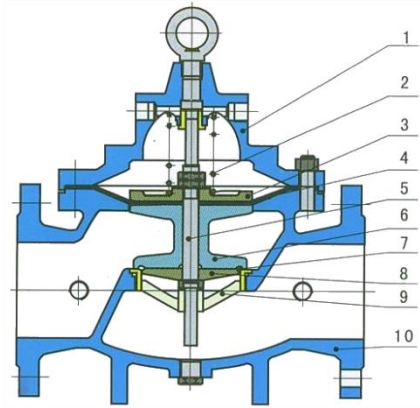
Face to face: Q/FSL-2014

Flanged ends: GB/T 17241.6, GB/T 9113, ASME B16.1 / B16.5, DIN2532-2534, DIN2542-2544

Inspection and Test: GB/T 13927, API 598

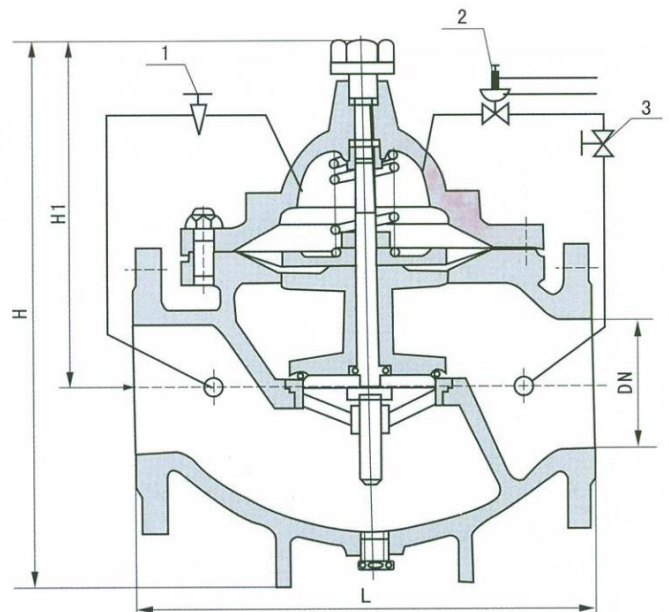
Applicable medium: water, sewage, sea water, air, corrosive liquids

Applicable temperature: 0°C~+80°C (higher temperature is available upon request)



MAIN PARTS AND MATERIALS

| Item | Part | Material |
|------|------------------------|--|
| 1 | Bonnet | Cast Iron., Ductile Iron, Carbon Steel, Stainless Steel |
| 2 | Spring | Spring Steel, Stainless Steel |
| 3 | Diaphragm Pressure Pad | Cast Iron., Ductile Iron, Carbon Steel, Stainless Steel |
| 4 | Diaphragm | NBR+Nylon, EPDM+Nylon |
| 5 | Stem | A182-F6a A276 420 |
| 6 | Disc | Cast Iron., Ductile Iron, Carbon Steel, Stainless Steel, Brass |
| 7 | O-ring | NBR, EPDM |
| 8 | O-ring Pressure Pad | Cast Iron., Ductile Iron, Carbon Steel, Stainless Steel |
| 9 | Seat | Copper Alloy, Stainless Steel |
| 10 | Body | Cast Iron., Ductile Iron, Carbon Steel, Stainless Steel |



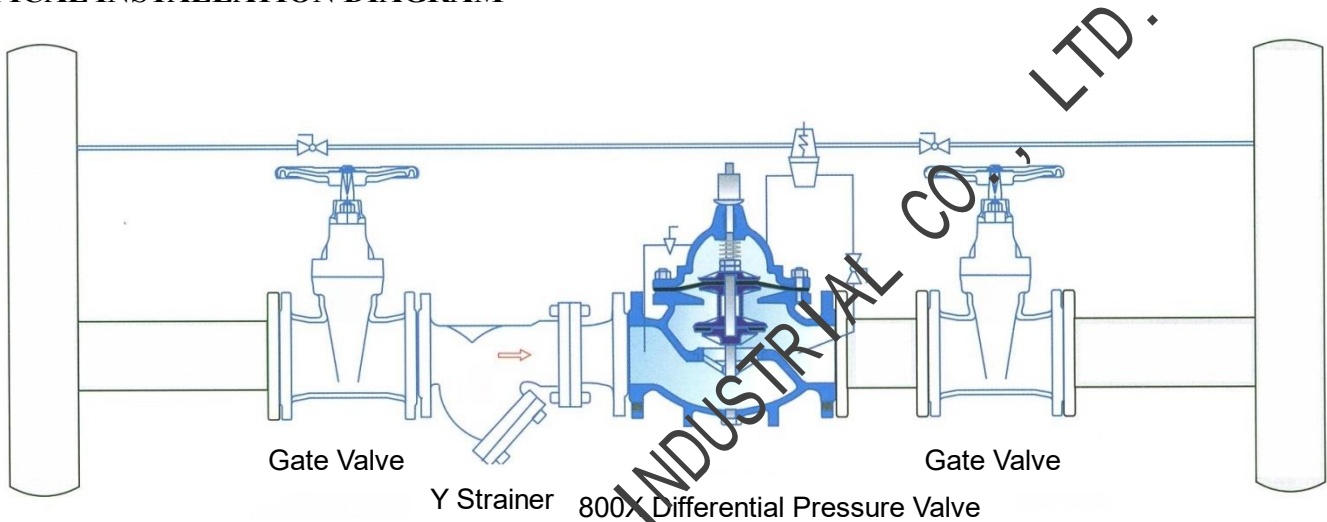
1. Needle Valve 2. Pilot Valve 3. Ball Valve



MAIN CONNECTION DIMENSIONS

| DN | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|--|--|
| L | 150 | 160 | 180 | 200 | 203 | 216 | 241 | 292 | 330 | 356 | 495 | 622 | 698 | 787 | 914 | 978 | | | | |
| | | | | 190 | 200 | 215 | 241 | 270 | 200 | 330 | 400 | 480 | 550 | 622 | 685 | 750 | 811 | 935 | | |
| | | | | | 220 | 230 | 300 | 340 | 350 | 400 | 450 | 550 | 640 | 700 | 800 | 840 | 900 | 1100 | | |
| | | | | | 230 | 290 | 310 | 350 | 350 | 480 | 600 | 730 | 850 | 850 | 1100 | 1100 | 1250 | 1450 | | |
| H1 | 179 | 179 | 179 | 210 | 210 | 215 | 245 | 305 | 365 | 415 | 510 | 560 | 658 | 696 | 735 | 735 | 778 | 873 | | |
| H | 342 | 342 | 342 | 395 | 395 | 405 | 430 | 510 | 560 | 585 | 675 | 730 | 760 | 840 | 910 | 910 | 1096 | 1096 | | |

TYPICAL INSTALLATION DIAGRAM



NOTES:

As we are constant endeavoring to improve the performance of our equipment.
The company reserves the right to make alteration from time to time and equipment differ from that detailed in this brochure.

FLOWSPEC LUOKAI INDUSTRIAL CO., LTD.