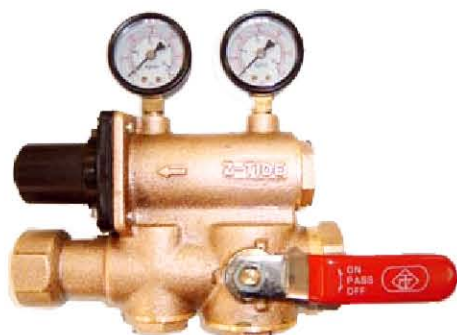




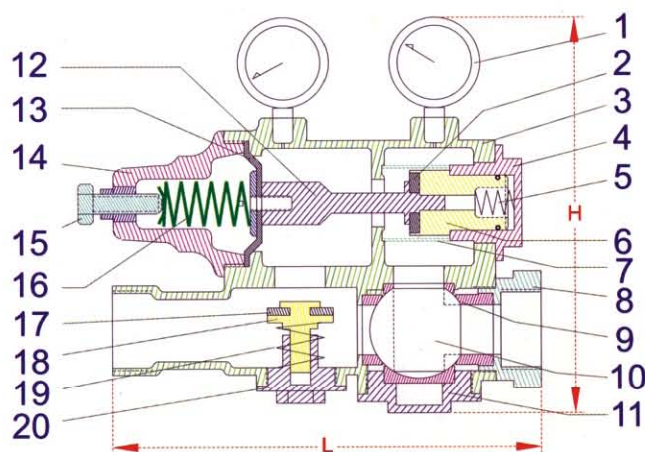
## PRESSURE REDUCING VALVE SET



- ▶ Module assembly, which means light structure, space-saving, easy installation and maintenance.
- ▶ Equipped with buffer check valve, unfavorable effect from water impulse can be eliminated.
- ▶ Simple structure, precise tuning and easy operation.
- ▶ Module assembly can decrease leakage coming from assembly connections due to long-term vibration.

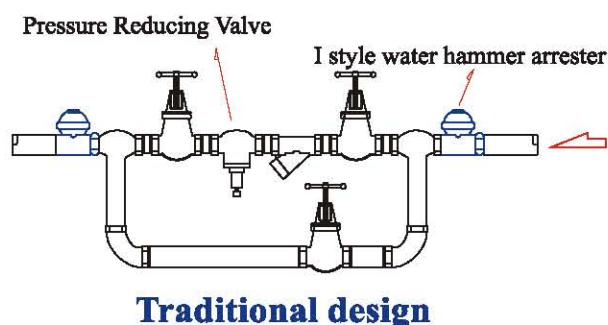
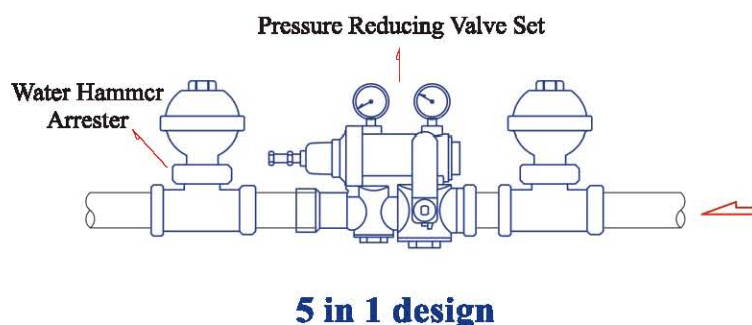
(Thread end)

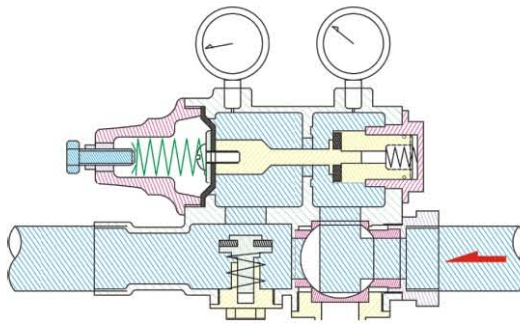
| Item No | Type(PT) | L(mm) | H(mm) | Weight(kg) | CV  |
|---------|----------|-------|-------|------------|-----|
| RS-20   | 3/4"     | 140   | 120   | 1.5        | 4   |
| RS-25   | 1"       | 170   | 165   | 2.2        | 7.5 |



- ▶ Adjustment range :  $0.5 \sim 5 \text{ kgf/cm}^2$
- ▶ Applied temperature :  $-15 \sim 70^\circ\text{C}$
- ▶ Test pressure for valve body :  $21 \text{ kgf/cm}^2$
- ▶ The inlet pressure gauge indicates pressure before reducing, and outlet pressure gauge indicates pressure after reducing.
- ▶ When cleaning the impurities on the filter net, just take off the cylinder (component 4), then filter net (component 7) can be unloaded at the same time.

| No | Part Name        | Material        |
|----|------------------|-----------------|
| 1  | Pressure meter   | Upon request    |
| 2  | Sealing          | NBR             |
| 3  | Main body        | Bronze          |
| 4  | Cylinder         | Bronze          |
| 5  | Buffer spring    | Stainless Steel |
| 6  | Piston           | Bronze          |
| 7  | Filter net       | Stainless Steel |
| 8  | Pipe connector   | Bronze          |
| 9  | PE washer        | PE              |
| 10 | Three-way ball   | Brass           |
| 11 | Nut              | Bronze          |
| 12 | Shaft            | Bronze          |
| 13 | Diaphragm        | Fabrics NBR     |
| 14 | Spring housing   | Polyamide 66    |
| 15 | Adjusting stem   | Stainless Steel |
| 16 | Pressure spring  | Stainless Steel |
| 17 | Sealing          | NBR             |
| 18 | Sealing retainer | Brass           |
| 19 | Spring           | Stainless Steel |
| 20 | Orientation seat | Bronze          |



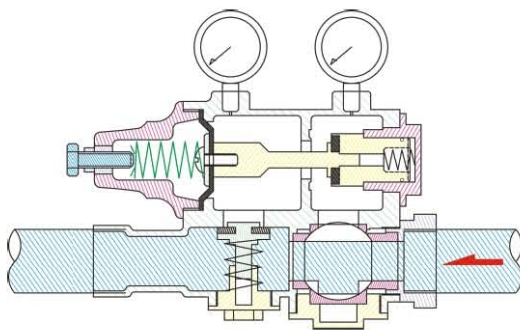


Open state

**ON**

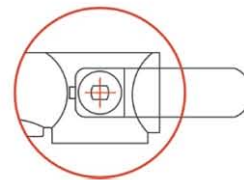


When the handle is rotated upward, pressure reducing valve set becomes pressure reducing open state.

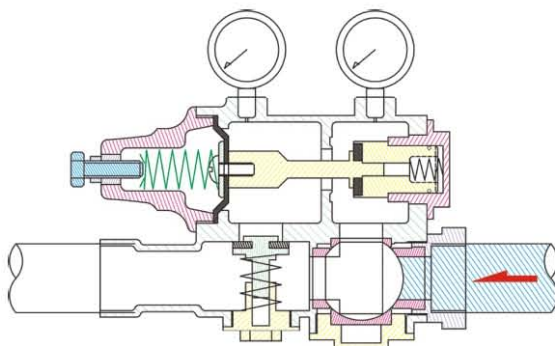


Bypass open state

**PASS**



When the handle is rotated to horizontal position, pressure reducing valve set becomes bypass open state.



Closed state

**OFF**



When the handle is rotated downward, pressure reducing valve set becomes pressure reducing closed state.