

PRESSURE REDUCING VALVE

MODEL NO. FH47-02-CV

DESIGN DESCRIPTION & APPLICATION

FH47-02-CV Pressure Reducing Valve automatically reduces the inlet line pressure from the water supply to the preset outlet line pressure.

When inlet water supply pressure fluctuates, the pilot controlled pressure reducing valve ensures a constant flow of water at the preset pressure range.

SPECIFICATION

Size: DN50 ~ DN300 to flange
Flange: 10K, 16K, PN16, 150LB
Working Temperature: 0°C ~ 100°C, Water
Any size over DN350 can be made to order.

PILOT SPECIFICATION

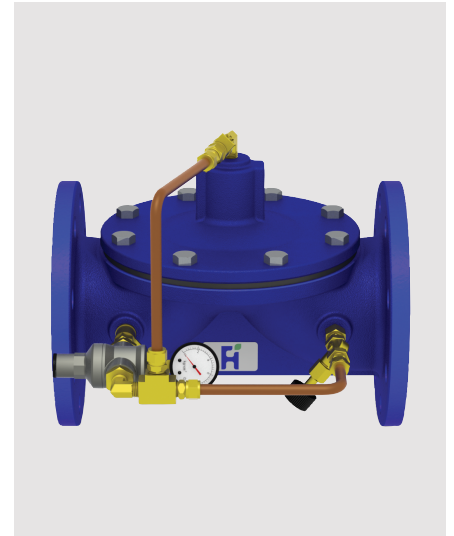
Pressure Adjustment Range: 0.1 ~ 4 kgf/cm², 3 ~ 9 kgf/cm², 2 ~ 16 kgf/cm²
Working Temperature: 0°C ~ 100°C, Water
Material: Brass / Stainless Steel

PARTS & MATERIALS

| No | Parts | Materials |
|----|----------------------------|---|
| 1 | Strainer | Body Iron Casting / Stainless Steel |
| 2 | Ball Valve | |
| 3 | Needle Valve / Ball Valve | Accessory Brass / Stainless Steel |
| 4 | Ball Valve | |
| 5 | Ball Valve | Fastener & Spring Carbon Steel / Stainless Steel |
| 6 | Pilot of Pressure Reducing | |
| 7 | Ball Valve | Diaphragm NBR / EPDM |
| 8 | Basic Valve Body | |

DIMENSION

| Valve Size | L (mm) | H (mm) | Weight (kg) |
|------------|--------|--------|-------------|
| 50 | 200 | 87 | 7 |
| 65 | 220 | 109 | 9 |
| 80 | 285 | 115 | 16 |
| 100 | 307 | 137 | 18 |
| 125 | 370 | 142 | 37 |
| 150 | 390 | 164 | 48 |
| 200 | 500 | 183 | 83 |
| 250 | 605 | 244 | 120 |
| 300 | 650 | 258 | 140 |



- Responsive, accurate pressure control
- Easy adjustment & maintenance
- Reliable and excellent sealing

