

Pressure Relief Valve Gr x Gr Ends

FIG. F1349-G

Specifications

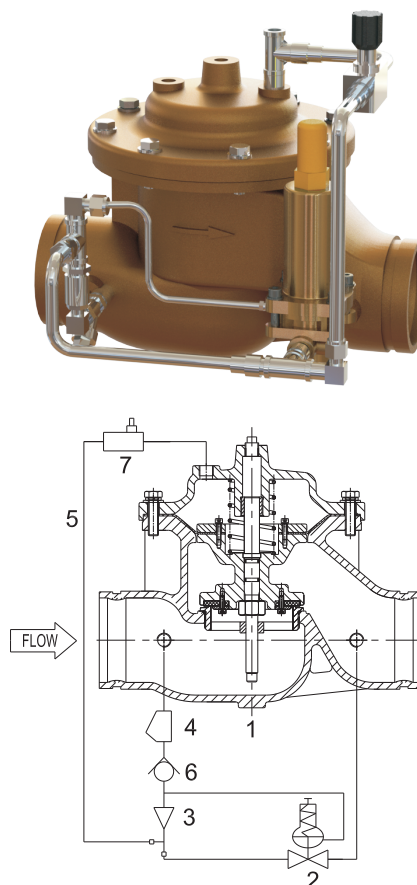
- Relief Valve: Limits inlet pressure by relieving excess pressure.
- Pressure sustaining: Prevents pipe line pressure from rising to a maximum valve.
- Operates over a Wide Flow Range.
- Inlet Pressure Adjustment Range: 65~300psi.
- Quick opening and adjustable closing speed.
- Grooved Ends to AWWA C606 Standard.
- Rated Working Pressure 300 psi.
- UL 1478 Listed and FM 1361 Approved.

Material Specifications

| Part | Material | ASTM Specification |
|-----------------------|-------------------------------------|--------------------|
| Body | Bronze | B148 C95400 |
| Bonnet | Bronze | B148 C95400 |
| Seat | Stainless Steel | A276 Type 316 |
| Stem | Stainless Steel | A276 Type 316 |
| Spring | Stainless Steel | A276 Type 316 |
| Diaphragm | Nylon Reinforced Natural Rubber/NBR | |
| Seat Disc | EPDM | |
| Pressure Relief Pilot | Assembly | |

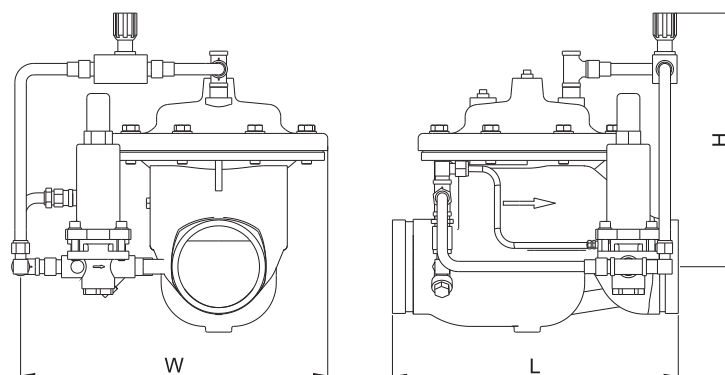
| NO. | Components | NO. | Components |
|-----|-----------------------|-----|-----------------|
| 1 | Basic Control Valve | 5 | Tubing/Fittings |
| 2 | Pressure Relief Pilot | 6 | Check Valve |
| 3 | Ejector | 7 | Stabilizer |
| 4 | Y-Strainer | | |

Schematic



Main Dimensions (mm /inch)

| Size | DN40 | DN50 | DN65 | DN80 | DN100 | DN125 | DN150 | DN200 | DN250 | DN300 |
|------|----------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|
| L | 220/8.66 | 241/9.48 | 290/11.42 | 325/12.8 | 381/15 | 419/16.5 | 508/20 | 645/25.4 | 762/30 | 900/35.43 |
| H | 180/7.1 | 200/7.9 | 215/8.46 | 265/10.45 | 310/12.2 | 360/14.2 | 380/15 | 450/17.75 | 570/22.45 | 690/27.2 |
| W | 410/16.2 | 420/16.6 | 440/17.35 | 455/18 | 470/18.5 | 490/19.3 | 540/21.25 | 590/23.23 | 640/25.2 | 690/27.2 |



Notes

- 1.5" to 8" valves are UL listed.
- 1.5" to 12" valves are FM approved.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.