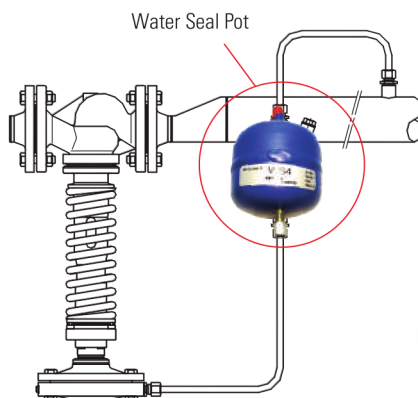
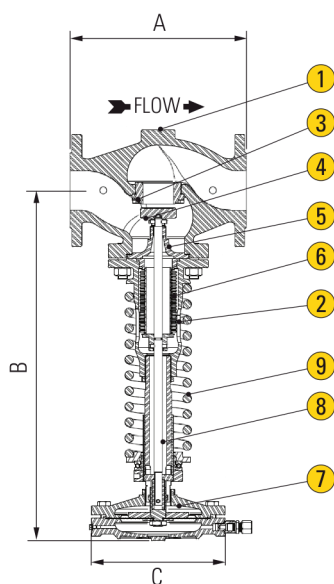


# PRESSURE REDUCING VALVE FLANGE END

DUCTILE IRON / CAST IRON / STAINLESS STEEL



Cast Iron / Cast Steel



Stainless Steel

## APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media  
(Refer to corrosion resistance table for valve materials selection).

## SPECIFICATION

|                     |                                          |
|---------------------|------------------------------------------|
| Spring Range        | 1 to 25 Barg adjustable                  |
| Pressure Rating     | 40 Bar                                   |
| Working Temperature | Up to 250°C                              |
| End Connection      | Flanged end to ANSI 150, JIS10K and PN16 |

## MATERIAL

| Parts                         | Material                              |
|-------------------------------|---------------------------------------|
| 1 Valve Body RP45G            | GJS-400-15 / 0.7040                   |
| 1 Valve Body RP45S            | A216WCB / 1.0619                      |
| 1 Valve Body RP45I            | CF8M / 1.4408                         |
| 2 Piston Body RP45G and PR45S | GJS-400-15 / 0.7040                   |
| 2 Piston Body RP45I           | GJS-400-15 / 0.7040 Nickel plated     |
| 3 Valve Seat                  | Stainless Steel                       |
| 4 Valve Disc *                | Hardened Stainless Steel              |
| 4 Soft Valve Disc *           | AISI 304 / 1.4301; NBR (PTFE/GR,etc.) |
| 5 Guide                       | Bronze B62 / ASTM B148-97             |
| 6 Bellows *                   | AISI 316 Ti / 1.4571                  |
| 7 Diaph. Chamber RP45G *      | GJL-250 / 0.6025                      |
| 7 Diaph. Chamber RP45S *      | A216WCB / 1.0619                      |
| 7 Diaph. Chamber RP45I *      | CF8M / 1.4408                         |
| 8 Spindle                     | AISI 304 / 1.4301                     |
| 9 Regulating Spring           | Spring steel                          |

\* Available spare parts.

## DIMENSIONS

Unit : mm

| Size (DN) | Valve |     |             | Actuator |             |
|-----------|-------|-----|-------------|----------|-------------|
|           | A     | B   | Weight (Kg) | C        | Weight (Kg) |
| 15        | 130   | 440 | 12.7        | 172      | 4.3         |
| 20        | 150   | 440 | 12.7        | 172      | 4.3         |
| 25        | 160   | 440 | 13.7        | 172      | 4.3         |
| 32        | 180   | 445 | 15.7        | 172      | 4.3         |
| 40        | 200   | 445 | 17.7        | 172      | 4.3         |
| 50        | 230   | 540 | 25.7        | 220      | 7.3         |
| 65        | 290   | 540 | 29.7        | 220      | 7.3         |
| 80        | 310   | 610 | 36.7        | 282      | 11.3        |
| 100       | 350   | 650 | 53.7        | 340      | 16.3        |
| 125       | 400   | 780 | 101.4       | 172      | 4.4         |
| 150       | 480   | 790 | 134.5       | 220      | 7.4         |

\*Specification given are subject to changed without further notice.