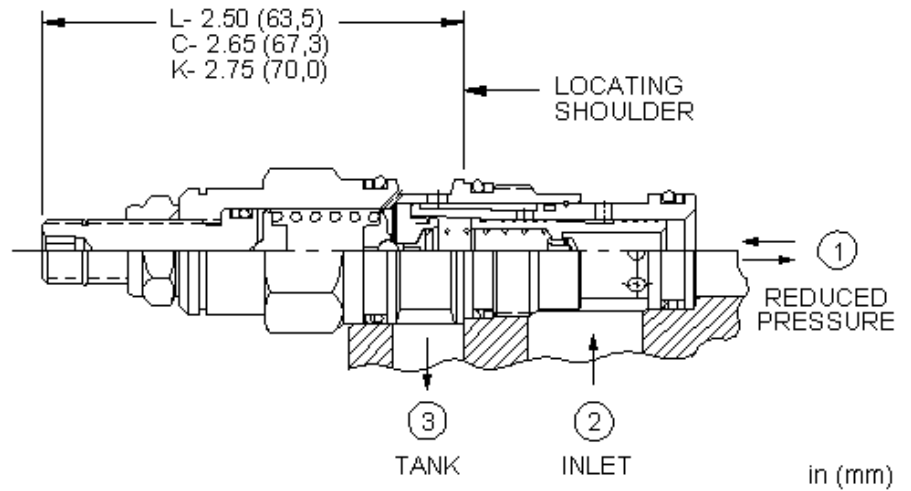
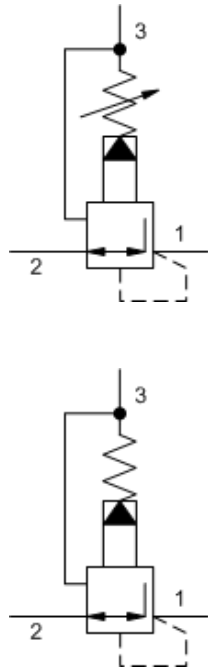




Pilot-operated, pressure reducing/relieving valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3).

## TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

|                                                        |                                    |
|--------------------------------------------------------|------------------------------------|
| Factory Pressure Settings Established at               | blocked control port (dead headed) |
| Maximum Operating Pressure                             | 350 bar                            |
| Control Pilot Flow                                     | 0,11 - 0,16 L/min.                 |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                                  |
| Locknut Hex Size                                       | 15 mm                              |
| Locknut Torque                                         | 9 - 10 Nm                          |
| Seal kit - Cartridge                                   | Buna: 990011007                    |
| Seal kit - Cartridge                                   | EPDM: 990011014                    |
| Seal kit - Cartridge                                   | Polyurethane: 990011002            |
| Seal kit - Cartridge                                   | Viton: 990011006                   |

## NOTES

- Maximum pressure differentials for spring ranges: A and B are 3000 psi (210 bar) N and Q are 2000 psi (140 bar) W is 5000 psi (350 bar) inlet pressure
- For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

## CONFIGURATION OPTIONS

### Model Code Example: PPDBLAN

| CONTROL                                 | (L) ADJUSTMENT RANGE                                                        | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|-----------------------------------------|-----------------------------------------------------------------------------|-------------------|---------------------------------|
| <b>L</b> Standard Screw Adjustment      | <b>A</b> 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting    | <b>N</b> Buna-N   | Standard Material/Coating       |
| <b>C</b> Tamper Resistant - Factory Set | <b>W</b> 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting | <b>V</b> Viton    | /AP Stainless Steel, Passivated |
| <b>K</b> Handknob                       | <b>B</b> 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting   |                   | /LH Mild Steel, Zinc-Nickel     |
| <b>Y</b> Tri-Grip Handknob              | <b>N</b> 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting       |                   |                                 |
|                                         | <b>Q</b> 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting       |                   |                                 |