



Pilot-operated, pressure reducing valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, allowing circuits with multiple pressure requirements to be operated using a single pump.

CONFIGURATION

|                         |                  |                                                                |
|-------------------------|------------------|----------------------------------------------------------------|
| L                       | Control          | Standard Screw Adjustment                                      |
| A                       | Adjustment Range | 75 - 3000 psi (5 - 210 bar), 200 psi (14 bar) Standard Setting |
| N                       | Seal Material    | Buna-N                                                         |
| (none) Material/Coating |                  |                                                                |

TECHNICAL DATA

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

|                                                        |                                    |
|--------------------------------------------------------|------------------------------------|
| Maximum Operating Pressure                             | 5000 psi                           |
| Factory Pressure Settings Established at               | blocked control port (dead headed) |
| Control Pilot Flow                                     | 7 - 10 in <sup>3</sup> /min.       |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                                  |
| Locknut Hex Size                                       | 1/2 in.                            |
| Locknut Torque                                         | 80 - 90 lbf in.                    |
| Seal kit - Cartridge                                   | Buna: 990163007                    |
| Seal kit - Cartridge                                   | Polyurethane: 990163002            |
| Seal kit - Cartridge                                   | Viton: 990163006                   |

CONFIGURATION OPTIONS

Model Code Example: PBBBLAN

| CONTROL                          | (L) ADJUSTMENT RANGE                                             | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|----------------------------------|------------------------------------------------------------------|-------------------|---------------------------------|
| L Standard Screw Adjustment      | A 75 - 3000 psi (5 - 210 bar), 200 psi (14 bar) Standard Setting | N Buna-N          | Standard Material/Coating       |
| C Tamper Resistant - Factory Set | W 75 - 4500 psi (5 - 315 bar), 200 psi (14 bar) Standard Setting | E EPDM            | /AP Stainless Steel, Passivated |
| K Handknob                       | B 75 - 1500 psi (5 - 105 bar), 200 psi (14 bar) Standard Setting | V Viton           | /LH Mild Steel, Zinc-Nickel     |
| W Hex Wrench Adjustment          | N 75 - 800 psi (5 - 55 bar), 200 psi (14 bar) Standard Setting   |                   |                                 |
|                                  | Q 75 - 400 psi (5 - 28 bar), 200 psi (14 bar) Standard Setting   |                   |                                 |