



## CONFIGURATION

|                                |                  |                              |
|--------------------------------|------------------|------------------------------|
| <b>L</b>                       | Control          | Standard Screw Adjustment    |
| <b>A</b>                       | Adjustment Range | .1 - 6 gpm (0,4 - 23 L/min.) |
| <b>N</b>                       | Seal Material    | Buna-N                       |
| <b>(none)</b> Material/Coating |                  |                              |

Fully adjustable, pressure-compensated flow controls with reverse-flow check provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. They are infinitely adjustable from nearly closed up to the maximum flow. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1.

## TECHNICAL DATA

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

|                                                               |                         |
|---------------------------------------------------------------|-------------------------|
| Maximum Operating Pressure                                    | 5000 psi                |
| Adjustment - No. of CCW Turns from Fully Closed to Fully Open | 5                       |
| Locknut Hex Size                                              | 9/16 in.                |
| Locknut Torque                                                | 80 - 90 lbf in.         |
| Seal kit - Cartridge                                          | Buna: 990010007         |
| Seal kit - Cartridge                                          | EPDM: 990010014         |
| Seal kit - Cartridge                                          | Polyurethane: 990010002 |
| Seal kit - Cartridge                                          | Viton: 990010006        |

## NOTES

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: FDBALAN

| CONTROL                                       | (L) | ADJUSTMENT RANGE                      | (A) | SEAL MATERIAL   | (N) | MATERIAL/COATING                |
|-----------------------------------------------|-----|---------------------------------------|-----|-----------------|-----|---------------------------------|
| <b>L</b> Standard Screw Adjustment            |     | <b>A</b> .1 - 6 gpm (0,4 - 23 L/min.) |     | <b>N</b> Buna-N |     | Standard Material/Coating       |
| <b>H</b> Calibrated Handknob with Detent Lock |     | <b>B</b> .1 - 2 gpm (0,4 - 8 L/min.)  |     | <b>E</b> EPDM   |     | /AP Stainless Steel, Passivated |
| <b>K</b> Handknob                             |     |                                       |     | <b>V</b> Viton  |     | /LH Mild Steel, Zinc-Nickel     |
| <b>Y</b> Tri-Grip Handknob                    |     |                                       |     |                 |     |                                 |