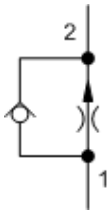
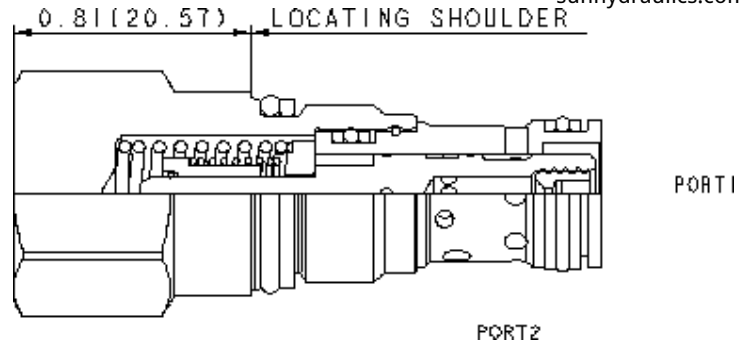




## CONFIGURATION

|                                |               |                                                        |
|--------------------------------|---------------|--------------------------------------------------------|
| <b>X</b>                       | Control       | Not Adjustable                                         |
| <b>A</b>                       | Setting Range | Replaceable Orifice<br>.1 - 3 gpm (0,4 - 11<br>L/min.) |
| <b>N</b>                       | Seal Material | Buna-N                                                 |
| <b>(none)</b> Material/Coating |               |                                                        |

Fixed-orifice, 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. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1. The flow setting is specified by the user and is set at the factory.

## TECHNICAL DATA

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

|                                    |                         |
|------------------------------------|-------------------------|
| Cavity                             | T-162A                  |
| Series                             | 0                       |
| Capacity                           | 3 gpm                   |
| Maximum Operating Pressure         | 5000 psi                |
| Valve Hex Size                     | 3/4 in.                 |
| Valve Installation Torque          | 20 - 25 lbf ft          |
| Adjustment Screw Internal Hex Size | 5/32 in.                |
| Locknut Hex Size                   | 9/16 in.                |
| Locknut Torque                     | 80 - 90 lbf in.         |
| Seal kit - Cartridge               | Buna: 990162007         |
| Seal kit - Cartridge               | Polyurethane: 990162002 |
| Seal kit - Cartridge               | Viton: 990162006        |
| Model Weight                       | 0.16 lb.                |

## CONFIGURATION OPTIONS

Model Code Example: FCBBArray

| CONTROL                    | (X) SETTING RANGE                                            | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|----------------------------|--------------------------------------------------------------|-------------------|---------------------------------|
| <b>X</b> Not Adjustable    | <b>A</b> Replaceable Orifice .1 - 3 gpm<br>(0,4 - 11 L/min.) | <b>N</b> Buna-N   | Standard Material/Coating       |
| <b>L</b> Tuning Adjustment |                                                              | <b>V</b> Viton    | /AP Stainless Steel, Passivated |
| <b>K</b> Handknob          |                                                              |                   | /LH Mild Steel, Zinc-Nickel     |

## TECHNICAL FEATURES

- Customer must specify a flow rating. Factory set flow ratings are within +/- 15% of the requested setting.
- The tuneable control option provides +/- 20% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase.
- All 2-port flow control cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size). However, cartridge extension dimensions from the mounting surface may vary.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

## PERFORMANCE CURVES

