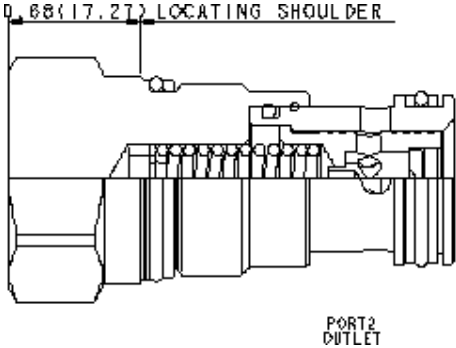




CONFIGURATION

|        |                  |                                                   |
|--------|------------------|---------------------------------------------------|
| X      | Control          | Not Adjustable                                    |
| A      | Setting Range    | Replaceable Orifice .1 - 12 gpm (0,4 - 45 L/min.) |
| N      | Seal Material    | Buna-N                                            |
| (none) | Material/Coating |                                                   |

Fixed-orifice, pressure-compensated flow controls provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. 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-5A             |
| Series                             | 2                |
| Capacity                           | 12 gpm           |
| Maximum Operating Pressure         | 5000 psi         |
| Valve Hex Size                     | 1 1/8 in.        |
| Valve Installation Torque          | 45 - 50 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: 990203007  |
| Seal kit - Cartridge               | EPDM: 990203014  |
| Seal kit - Cartridge               | Viton: 990203006 |
| Model Weight                       | 0.43 lb.         |

CONFIGURATION OPTIONS

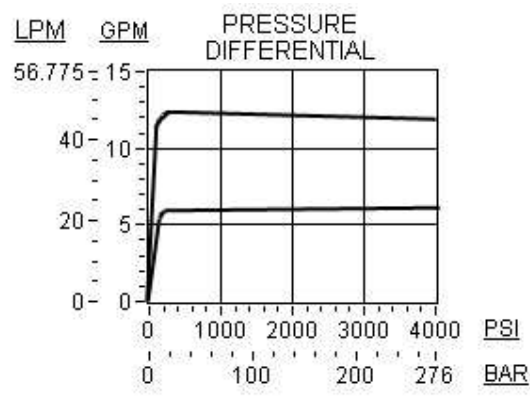
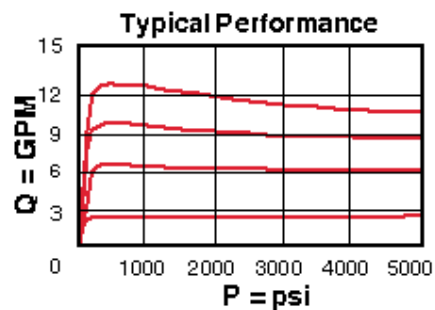
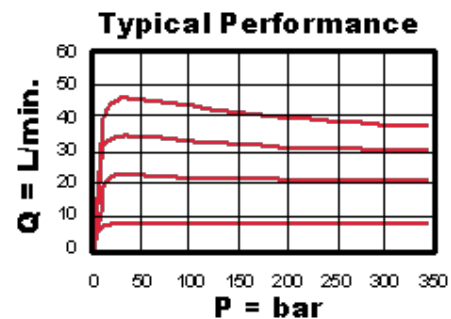
Model Code Example: FXDAXAN

| CONTROL                          | (X) SETTING RANGE                                   | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|----------------------------------|-----------------------------------------------------|-------------------|---------------------------------|
| X Not Adjustable                 | A Replaceable Orifice .1 - 12 gpm (0,4 - 45 L/min.) | N Buna-N          | Standard Material/Coating       |
| L Tuning Adjustment              |                                                     | E EPDM            | /AP Stainless Steel, Passivated |
| C Tamper Resistant - Factory Set |                                                     | V Viton           | /LH Mild Steel, Zinc-Nickel     |
| K Handknob                       |                                                     |                   |                                 |

TECHNICAL FEATURES

- Customer must specify a flow rating. Factory set flow ratings are within +/- 10% of the requested setting.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- 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.
- The tuneable control option provides +/- 25% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP for external stainless steel components, or /LH for external zinc-nickel plated components. See the CONFIGURATION section for all options. For further details, please see the Materials of Construction page located under TECH RESOURCES.
- 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



RELATED MODELS

- [FXDA8](#) Ventable fixed-orifice, pressure compensated flow control valve with integral T-8A control cavity