



Ventable, bypass/restrictive, fixed-orifice, priority flow controls take an input flow at port 1 and use it to satisfy the priority flow at port 3. If the input flow exceeds the priority flow requirement, the excess is bypassed out port 2. The bypass flow may be used in a secondary circuit. A vent port (port 4) allows these valves to be controlled remotely.

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

| | |
|----------------------------|---------------------------|
| Maximum Operating Pressure | 5000 psi |
| Maximum Input Flow | 15 gpm |
| Nominal Vent Flow | 46 in ³ /min. |
| Locknut Hex Size | 9/16 in. |
| Locknut Torque | 80 - 90 lbf in. |
| Seal kit - Cartridge | Buna: 990-021-007 |
| Seal kit - Cartridge | Polyurethane: 990-021-002 |
| Seal kit - Cartridge | Viton: 990-021-006 |

CONFIGURATION OPTIONS

Model Code Example: **FVCA**XANV

| CONTROL | (X) | SETTING RANGE | (A) | SEAL MATERIAL | (N) |
|---------------------|-----|----------------------------------------------------|-----|---------------|-----|
| X Not Adjustable | | A Replaceable Orifice .1 - 6 gpm (0,4 - 23 L/min.) | | N Buna-N | |
| L Tuning Adjustment | | | | V Viton | |