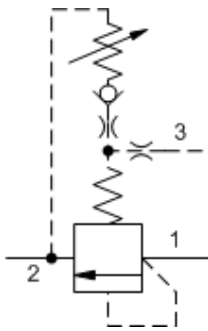
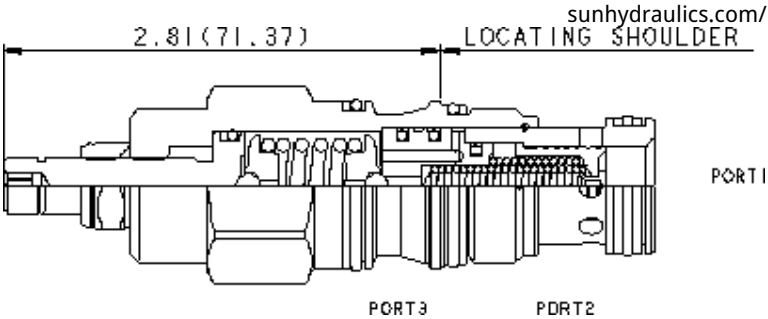




### CONFIGURATION

|                         |                  |                                                                  |
|-------------------------|------------------|------------------------------------------------------------------|
| L                       | Control          | Standard Screw Adjustment                                        |
| A                       | Adjustment Range | 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting |
| N                       | Seal Material    | Buna-N                                                           |
| (none) Material/Coating |                  |                                                                  |

### TECHNICAL DATA

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

|                                                        |                                  |
|--------------------------------------------------------|----------------------------------|
| Cavity                                                 | T-2A                             |
| Series                                                 | 2                                |
| Capacity                                               | 20 gpm                           |
| Maximum Operating Pressure                             | 5000 psi                         |
| Factory Pressure Settings Established at               | 4 gpm                            |
| Maximum Valve Leakage at 110 SUS (24 cSt)              | 3 in <sup>3</sup> /min.@1000 psi |
| Response Time - Typical                                | 10 ms                            |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                                |
| 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: 990202007                  |
| Seal kit - Cartridge                                   | Polyurethane: 990002002          |
| Seal kit - Cartridge                                   | Viton: 990202006                 |
| Model Weight                                           | 0.64 lb.                         |

CONFIGURATION OPTIONS

Model Code Example: RVEBLAN

| CONTROL                          | (L) ADJUSTMENT RANGE                                                   | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|----------------------------------|------------------------------------------------------------------------|-------------------|---------------------------------|
| L Standard Screw Adjustment      | A 100 - 3000 psi (7 - 210 bar),<br>1000 psi (70 bar) Standard Setting  | N Buna-N          | Standard Material/Coating       |
| C Tamper Resistant - Factory Set |                                                                        | V Viton           | /AP Stainless Steel, Passivated |
| K Handknob                       | B 50 - 1500 psi (3,5 - 105 bar),<br>1000 psi (70 bar) Standard Setting |                   |                                 |
| W Hex Wrench Adjustment          | C 100 - 6000 psi (7 - 420 bar),<br>1000 psi (70 bar) Standard Setting  |                   |                                 |
| Y Tri-Grip Handknob              | W 100 - 4500 psi (7 - 315 bar),<br>1000 psi (70 bar) Standard Setting  |                   |                                 |

TECHNICAL FEATURES

- Compensating pressure for all ranges is 120 psi (8 bar).
- Explanation of the performance curve: The X axis is system pressure. The Y axis shows the pressure differential that the valve creates across the control orifice. The curves represent various bypass flows (pump flow minus control flow). The capacity and performance of this valve is determined by the bypass flow, control flow is not a factor.
- W and Y controls (where applicable) can be specified with or without a special setting. When no special setting is specified, the valve is adjustable throughout its full range using the W or Y control. When a special setting is specified, this setting represents the maximum setting of the valve.

PERFORMANCE CURVES

