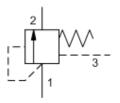


MODEL LRFC Normally closed, modulating element

SERIES 2 / CAPACITY: 30 gpm / CAVITY: T-2A

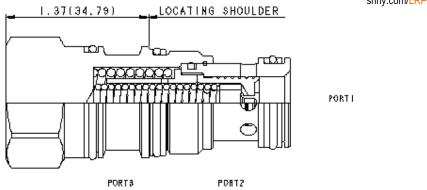


snhy.com/LRFC



## CONFIGURATION

| Х     | Control               | Not Adjustable            |
|-------|-----------------------|---------------------------|
| Н     | Differential Pressure | 200 psi (14 bar)          |
| N     | Seal Material         | Buna-N                    |
| (none | e) Material/Coating   | Standard Material/Coating |
|       |                       |                           |



Normally closed modulating elements without an internal orifice act as a bypass compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

## **TECHNICAL DATA**

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

| Cavity                     | T-2A                    |  |
|----------------------------|-------------------------|--|
| Series                     | 2                       |  |
| Capacity                   | 30 gpm                  |  |
| Maximum Operating Pressure | 5000 psi                |  |
| Valve Hex Size             | 1 1/8 in.               |  |
| Valve Installation Torque  | 45 - 50 lbf ft          |  |
| Seal kit - Cartridge       | Buna: 990202007         |  |
| Seal kit - Cartridge       | Polyurethane: 990002002 |  |
| Seal kit - Cartridge       | Viton: 990202006        |  |
| Model Weight               | 0.50 lb.                |  |

## **CONFIGURATION OPTIONS**

# Model Code Example: LRFCXHN

| CONTROL               | (X) DIFFERENTIAL PRESSURE | (H) SEAL MATERIAL | (N) MATERIAL/COATING |
|-----------------------|---------------------------|-------------------|----------------------|
|                       |                           |                   |                      |
| M. Maria A.P. Stalala | 11 000 - 1 (4.4   - )     | N. D N            |                      |

| X Not Adjustable | <b>H</b> 200 psi (14 bar)   | N Buna-N       | Standard Material/Coating       |
|------------------|-----------------------------|----------------|---------------------------------|
|                  | <b>D</b> 50 psi (3,5 bar)   | E EPDM         | IAP Stainless Steel, Passivated |
|                  | <b>F</b> 100 psi (7 bar)    | <b>V</b> Viton | /LH Mild Steel, Zinc-Nickel     |
|                  | <b>G</b> 150 psi (10.5 bar) |                |                                 |

#### **TECHNICAL FEATURES**

- All ports will accept 5000 psi (350 bar).
- 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.

## **RELATED MODELS**

• LRFCL Tuneable, normally closed, modulating element