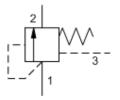


MODEL LRDC

Normally closed, modulating element

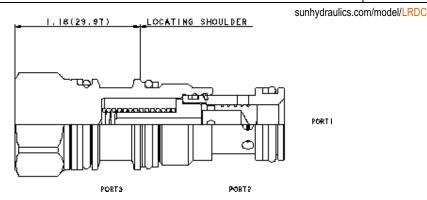
SERIES 1 / CAPACITY: 15 gpm / CAVITY: T-11A





CONFIGURATION

| X | Control | Not Adjustable | |
|-------------------------|-----------------------|---------------------------|--|
| D | Differential Pressure | 50 psi (3,5 bar) | |
| N | Seal Material | Buna-N | |
| (none) 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

(X) DIFFERENTIAL PRESSURE

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

(N) MATERIAL/COATING

| Cavity | T-11A | |
|----------------------------|-------------------------|--|
| Series | 1 | |
| Capacity | 15 gpm | |
| Maximum Operating Pressure | 5000 psi | |
| Valve Hex Size | 7/8 in. | |
| Valve Installation Torque | 30 - 35 lbf ft | |
| Seal kit - Cartridge | Buna: 990011007 | |
| Seal kit - Cartridge | EPDM: 990011014 | |
| Seal kit - Cartridge | Polyurethane: 990011002 | |
| Seal kit - Cartridge | Viton: 990011006 | |
| Model Weight | 0.26 lb. | |

CONFIGURATION OPTIONS

CONTROL

Model Code Example: LRDCXDN

(D) SEAL MATERIAL

| | 12.7 | | (2) (2) (2) (3) (1) | (11) |
|------------------|------|-----------------------------|---------------------|---------------------------------|
| X Not Adjustable | | D 50 psi (3,5 bar) | N Buna-N | Standard Material/Coating |
| | | F 100 psi (7 bar) | E EPDM | /AP Stainless Steel, Passivated |
| | | G 150 psi (10,5 bar) | V Viton | /LH Mild Steel, Zinc-Nickel |
| | | H 200 psi (14 bar) | | |

TECHNICAL FEATURES

- A tuning adjustment (models configured with an L control) is available to vary the pressure drop across the compensator to increase/decrease flow within +/-25% of 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 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

• LRDCL Tuneable, normally closed, modulating element

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