

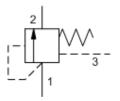
MODEL LRDC

Normally closed, modulating element

SERIES 1 / CAPACITY: 60 L/min. / CAVITY: T-11A

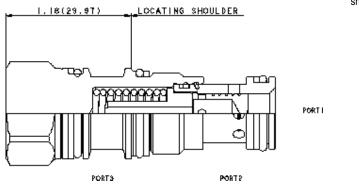


snhy.com/LRDC



CONFIGURATION

X	Control	Not Adjustable	
F	Differential Pressure	100 psi (7 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	60 L/min.	
Max. Op. Press.	350 bar	
Valve Hex Size	22,2 mm	
Valve Installation Torque	41 - 47 Nm	
Seal kit - Cartridge	Buna: 990011007	
Seal kit - Cartridge	EPDM: 990011014	
Seal kit - Cartridge	Polyurethane: 990011002	
Seal kit - Cartridge	Viton: 990011006	
Model Weight	0.12 kg.	

CONFIGURATION OPTIONS

CONTROL

Model Code Example: LRDCXFN

(F) SEAL MATERIAL

	(-7	(-)	(-7
X Not Adjustable	F 100 psi (7 bar)	N Buna-N	Standard Material/Coating
	D 50 psi (3,5 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