

Pilot-operated, balanced poppet sequence valves will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3). These valves are insensitive to back pressure at port 2 (sequence), up to the valve setting. They may be used to regulate pressure in place of 2-port relief valves if there is pressure in the return line.

Cavity	T-11A
Series	1
Capacity	15 gpm
Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at Reseat	10 drops/min.
Response Time - Typical	10 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Valve Hex Size	7/8 in.
Valve Installation Torque	30 - 35 lbf ft
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Model Weight	0.35 lb.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

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

OPTION SELECTION EXAMPLE: RSDSLAN

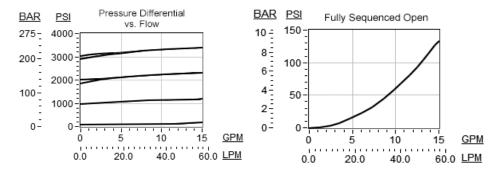
CONTROL (L)		ADJUSTMENT RANGE (A)		SE/	AL MATERIAL	(N)	MATERIAL/COATING	
L Standard Screw Adjustment		А	100 - 3000 psi (7 - 210 bar), 1000	Ν	Buna-N			Standard Material/Coating
C Tamper Resistant - Factory Set			psi (70 bar) Standard Setting	V	Viton		/AP	Stainless Steel, Passivated
K Handknob		В	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting				/LH	Mild Steel, Zinc-Nickel
		С	150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting					
		Ν	60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting					
		Q	60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting					
		w	100 - 4500 psi (7 - 315 bar), 1000					

TECHNICAL FEATURES

- All 3 port sequence cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size).
- Pilot flow continues to increase as the pressure at port 1 (inlet), relative to the pressure at port 3 (drain), rises above the valve setting.
- The main stage orifice is protected by a 150 micron stainless steel screen.
- Pressure at port 3 is directly additive to the valve setting at a 1:1 ratio and should not exceed 5000 psi (350 bar).

psi (70 bar) Standard Setting

- Suitable for use in load holding applications.
- Because the modulating occurs inside the cartridge these valves are immune to most of the problems associated with cavitation, namely noise and manifold erosion.
- Will accept maximum pressure at port 2; suitable for use in cross port relief circuits.
- 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.



PERFORMANCE CURVES