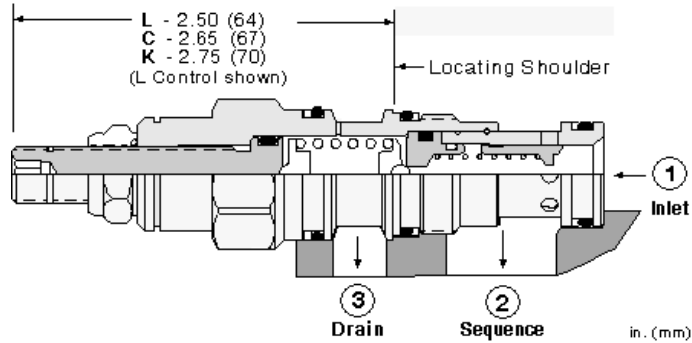
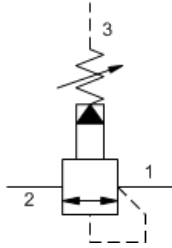


MODEL
RSDC

Pilot operated, balanced piston sequence valve
CAPACITY: 60 L/min. | CAVITY: T-11A



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	Standard Material/Coating

NOTES

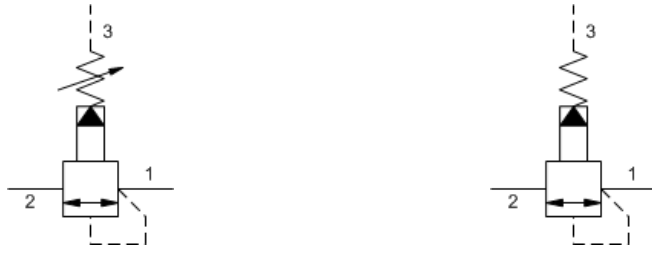
For cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

Pilot-operated, balanced piston 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.

TECHNICAL DATA

Cavity	T-11A
Series	1
Capacity	60 L/min.
Factory Pressure Settings Established at	15 L/min.
Maximum Operating Pressure	350 bar
Control Pilot Flow	0,11 - 0,16 L/min.
Response Time - Typical	10 ms
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Adjustment - Number of Clockwise Turns to Increase Setting	5
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Adjustment Screw Internal Hex Size	4 mm
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006
Model Weight	0.16 kg.

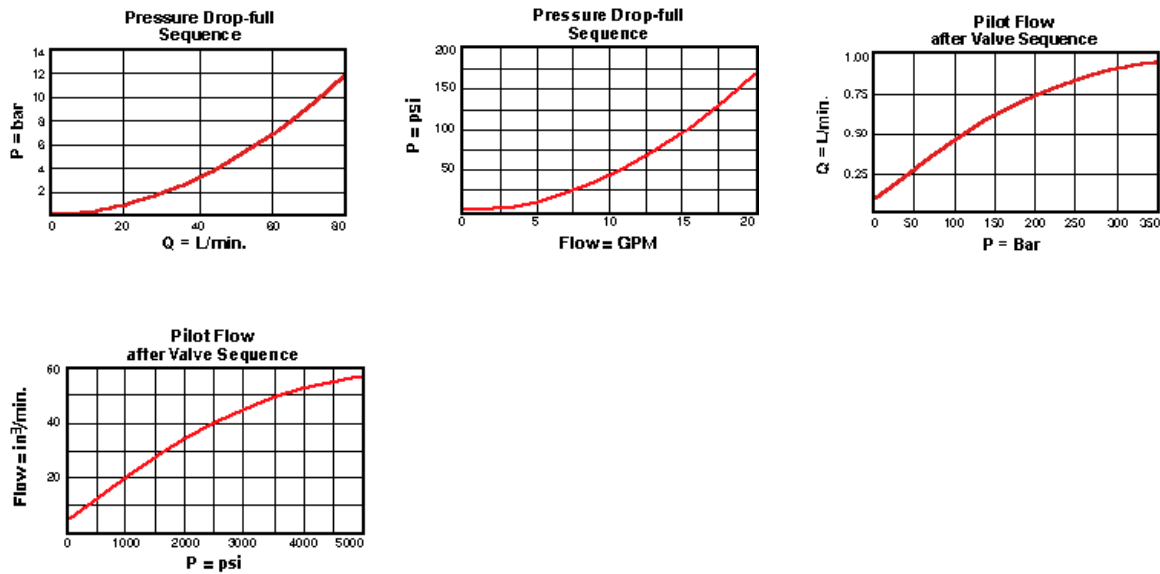
SYMBOLS



TECHNICAL FEATURES

- All 3 port sequence cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size).
- 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.
- 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).
- Not suitable for use in load holding applications due to spool leakage.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP (see Option Selection below). External parts are made from stainless steel with titanium or brass components, where applicable. Internal parts are made from carbon steel leaded alloy, the same as standard valves. For further details, please see the Materials of Construction page.
- 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



CONFIGURATION OPTIONS

CONTROL

Preferred Options	L	Standard Screw Adjustment
	C	Tamper Resistant - Factory Set
	J	Capped Screw Adjustment
Standard Options	K	Handknob
	O	Handknob with Panel Mount
	W	Hex Wrench Adjustment

ADJUSTMENT RANGE

Preferred Options	A	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting
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	W	150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting
Standard Options	B	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting
	C	150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting
	D	25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting
	E	25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting
	N	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

SEAL MATERIAL

Preferred Options	N	Buna-N
Standard Options	V	Viton

MATERIAL/COATING

		Standard Material/Coating
Standard Options	/AP	Stainless Steel, Passivated
	/LH	Mild Steel, Zinc-Nickel

RELATED MODELS

RSDC8

Pilot operated, balanced piston sequence main stage with integral T-8A control cavity

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