

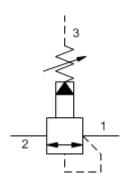
MODEL RSDC

Pilot-operated, balanced piston sequence valve

CAPACITY: 15 gpm / CAVITY: T-11A

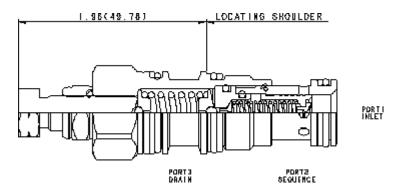


sunhydraulics.com/model/RSDC



CONFIGURATION

F	Control	Hex Head Screw with Locknut		
Α	Adjustment Range	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting		
N	Seal Material	Buna-N		
	Material/Coating			



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

Maximum Operating Pressure	5000 psi
Control Pilot Flow	7 - 10 in³/min.
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in ³ /min.@1000 psi
Response Time - Typical	10 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	EPDM: 990-011-014
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

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CONFIGURATION OPTIONS

CONTROL

F Hex Head Screw with Locknut

Capped Screw Adjustment

Standard Screw Adjustment

Handknob with Panel Mount

Hex Wrench Adjustment

Tri-Grip Handknob

Handknob

Tamper Resistant - Factory Set

С

J

Κ

(F)

Model Code Example: RSDCFAN

A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting

B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting

Viton

- 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
- **W** 150 4500 psi (10,5 315 bar), 1000 psi (70 bar) Standard Setting

SEAUSTATENTIAR ANGE		(N)	MATE	RIAL/COATING	(/LH)
N	Buna-N		/LH	Mild Steel, Zinc-Nickel	
E	EPDM	-	/AP	Stainless Steel, Passivated	

Standard Material/Coating

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