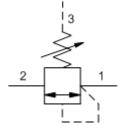


Direct-acting sequence valve without reverse flow check CAPACITY: 30 gpm / CAVITY: T-2A

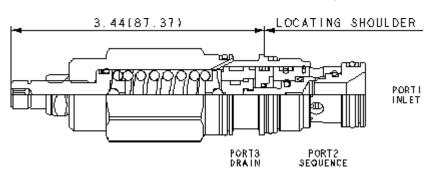


sunhydraulics.com/model/SXEA



CONFIGURATION

L	Control	Standard Screw Adjustment
A	Adjustment	500 - 3000 psi (35 - 210 bar),
	Range	1000 psi (70 bar) Standard Setting
Ν	Seal Material	Buna-N
_	Material/Coating	



Direct-acting 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).

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

Cavity	T-2A			
Series	2			
Capacity	30 gpm			
Maximum Operating Pressure	5000 psi			
Factory Pressure Settings Established at	2 in³/min.			
Maximum Valve Leakage at Reseat	10 drops/min.			
Response Time - Typical	2 ms			
Adjustment - No. of CW Turns from Min. to Max. setting	4			
Valve Hex Size	1 1/8 in.			
Valve Installation Torque	45 - 50 lbf ft			
Adjustment Screw Internal Hex Size	5/32 in.			
Locknut Hex Size	Size 9/16 in.			
Locknut Torque	80 - 90 lbf in.			
Model Weight	0.80 lb.			
Seal kit - Cartridge	Buna: 990-202-007			
Seal kit - Cartridge	Polyurethane: 990-002-002			
Seal kit - Cartridge	Viton: 990-202-006			

OPTION SELECTION EXAMPLE: SXEALAN

CONTROL (L)		ADJUSTMENT RANGE (A)		SEAL MATERIAL (N)		MATERIAL/COATING		
L Standard Screw Adjustment K Handknob		А	500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting	N V	Buna-N Viton		/AP	Standard Material/Coating Stainless Steel, Passivated
		С	2000 - 6000 psi (140 - 420 bar), 2000 psi (140 bar) Standard Setting					
		D	200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting					
		Е	100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting					
		w	800 - 4500 psi (55 - 315 bar), 1000 psi (70 bar) Standard Setting					

TECHNICAL FEATURES

- All 3 port sequence cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size).
- Although this is a zero pilot flow valve, port 3 (drain) must be connected to maintain a pressure reference in the control chamber. If port 3 is blocked, reciprocating seal weepage will cause the valve to malfunction.
- Pressure at port 3 is directly additive to the valve setting at a 1:1 ratio and should not exceed 5000 psi (350 bar).
- Suitable for use in load holding applications.
- 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

