



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. Additionally, these assemblies incorporate an integral check valve to provide reverse free flow from port 2 (sequence) to port 1 (inlet).

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

Body Type	Line mount
Capacity	15 gpm
Mounting Hole Diameter	.28 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	2

- NOTES:**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
 - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

OPTION SELECTION EXAMPLE: YSDALAWNNK

CONTROL (L)	ADJUSTMENT RANGE (A)	MINIMUM CONTROL PRESSURE (W)	SEAL MATERIAL (N)	SEAL MATERIAL (N)	PORT AND MATERIAL DESIGNATION (K)
L Standard Screw Adjustment	A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting	W 100 psi (7 bar)	N Buna-N	N Buna-N	K Ports 1 & 2 — SAE 10; Port 3 — SAE 6; Aluminum
C Tamper Resistant - Factory Set		D 25 psi (1,7 bar)	V Viton	V Viton	A Ports 1 & 2 — 1/4" NPTF; Port 3 — 1/4" NPTF; Aluminum
K Handknob	B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting				A/S Ports 1 & 2 — 1/4" NPTF; Port 3 — 1/4" NPTF; Iron
W Hex Wrench Adjustment	C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting				B Ports 1 & 2 — 3/8" NPTF; Port 3 — 1/4" NPTF; Aluminum
Y Tri-Grip Handknob	D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting				B/S Ports 1 & 2 — 3/8" NPTF; Port 3 — 1/4" NPTF; Iron
	E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting				C Ports 1 & 2 — 1/2" NPTF; Port 3 — 1/4" NPTF; Aluminum
	N 60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting				C/S Ports 1 & 2 — 1/2" NPTF; Port 3 — 1/4" NPTF; Iron
	Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting				I Ports 1 & 2 — SAE 6; Port 3 — SAE 6; Aluminum
	W 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting				I/S Ports 1 & 2 — SAE 6; Port 3 — SAE 6; Iron
					J Ports 1 & 2 — SAE 8; Port 3 — SAE 6; Aluminum
					J/S Ports 1 & 2 — SAE 8; Port 3 — SAE 6; Iron
					K/S Ports 1 & 2 — SAE 10; Port 3 — SAE 6; Iron
					T Ports 1 & 2 — 1/4" BSPP; Port 3 — 1/4" BSPP; Aluminum
					T/S Ports 1 & 2 — 1/4" BSPP; Port 3 — 1/4" BSPP; Iron
					U Ports 1 & 2 — 3/8" BSPP; Port 3 — 1/4" BSPP; Aluminum
					U/S Ports 1 & 2 — 3/8" BSPP; Port 3 — 1/4" BSPP; Iron

**PORT AND MATERIAL
DESIGNATION (K)**

V Ports 1 & 2
— 1/2" BSPP;
Port 2 — 1/4"
BSPP; Aluminum

V/S Ports 1 & 2
— 1/2" BSPP;
Port 2 — 1/4"
BSPP; Iron

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.
- 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.
- 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.