



Spring offset, 2-position, high side shuttle valve

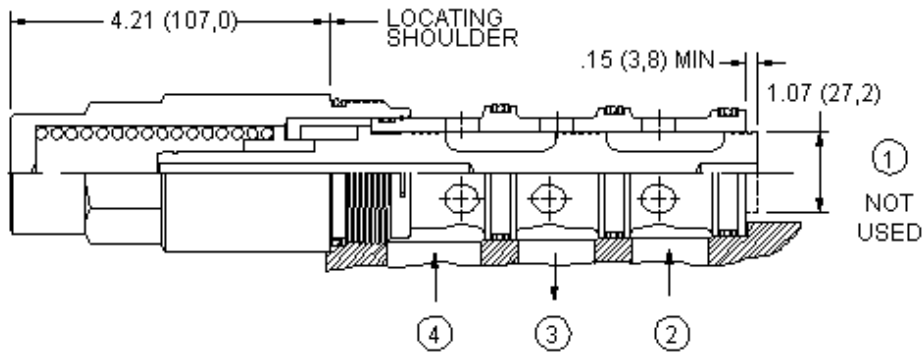
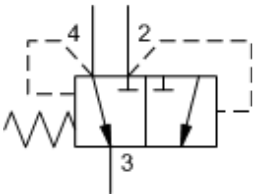
Capacity:
120 gpm (480 L/min.)

Functional Group:
Products : Cartridges : Shuttle Valve : 4-Port : High Side, Spring Offset

Model:
DSIO

Product Description

Spring-offset, high-side shuttle cartridges are 2-position valves that have a normal (offset) position that connects the common port (port 3) to work port 4, with work port 2 blocked. When the pressure at port 2 rises above the pressure at port 4, the cartridge shifts to connect the common port to port 2 with port 4 then blocked.

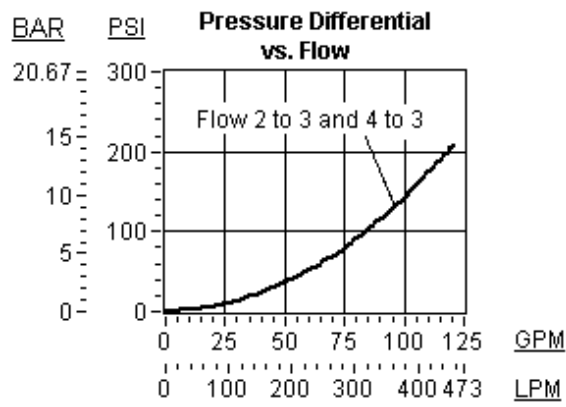


Technical Features

- Although this valve goes into a 4-port cavity, the nose (port 1) is not used.
- 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.

Technical Data

	U.S. Units	Metric Units
Cavity		T-34A
Capacity	120 gpm	480 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)		Series 4
Valve Hex Size	1 5/8 in.	41,3 mm
Valve Installation Torque	350 - 375 lbf ft	475 - 500 Nm
Seal Kits - Cartridge		Buna: 990-034-007
Seal Kits - Cartridge		Viton: 990-034-006
Model Weight	4.70 lb.	2.13 kg.



DSIO-XEN

Control	Minimum Control Pressure	Seal Material
Standard Options	Standard Options	Standard Options
X Not Adjustable	C 30 psi (2 bar) E 75 psi (5 bar)	N Buna-N V Viton