



Spring offset, 2-position, high side shuttle valve

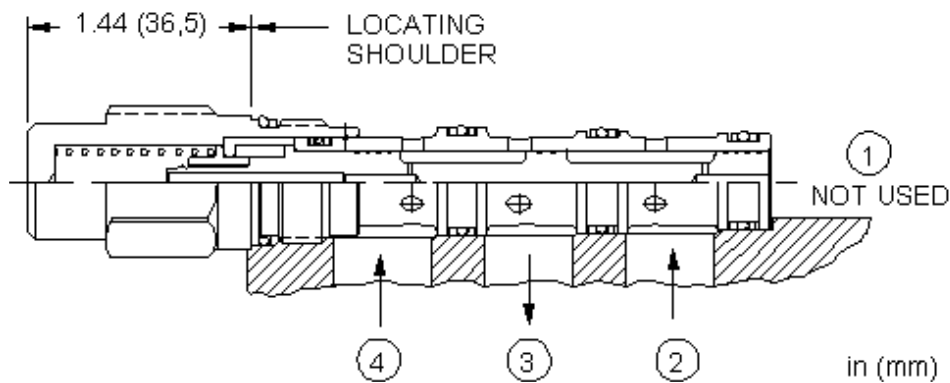
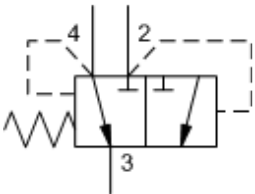
Capacity:
15 gpm (60 L/min.)

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

Model:
DSCO

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.

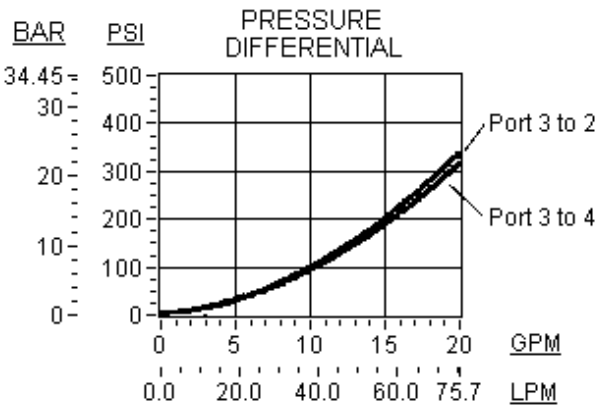


Technical Features

- 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-31A	
Capacity	15 gpm	60 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	1 in ³ /min.@1000 psi	15 cc/min.@70 bar
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-031-007	
Seal Kits - Cartridge	Viton: 990-031-006	
Model Weight	0.41 lb.	0.19 kg.



DSCO-XEN

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