



Shuttle Valves Technical Information

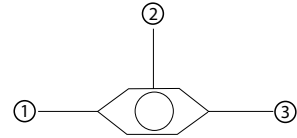
Load Shuttle Valve - Normal Direction

SV04

OPERATION

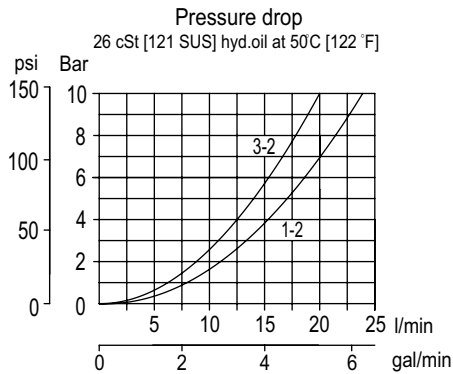
This valve senses the higher of two input pressures at 1 and 3, and routes it to the output 2.

Schematic



SPECIFICATIONS

Theoretical performance



Specifications

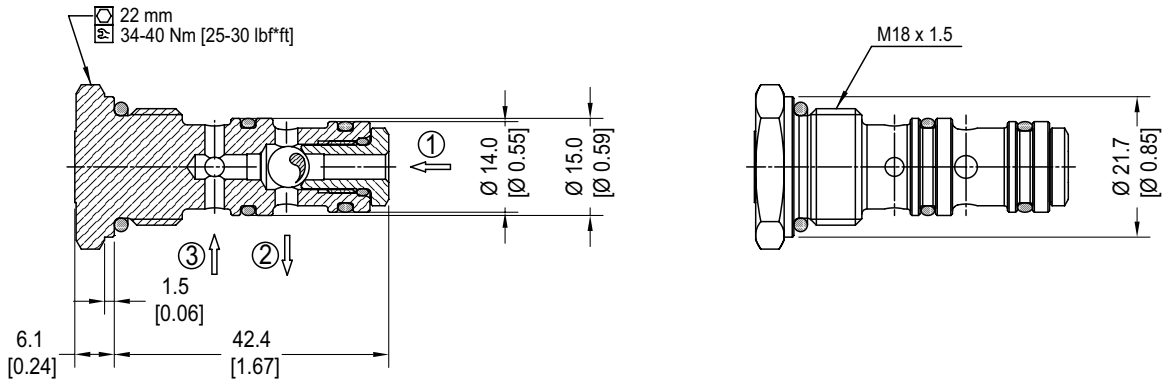
Rated pressure*	315 bar [4570 psi]
Rated flow at 7 bar [100 psi]	15 l/min [4 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.07 kg [0.15 lb]
Cavity	NCS04/3

*Rated pressure based on NFPA fatigue test standard (at 1 million cycles)

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

SV04-00-V

Load Shuttle Valve
Normal Direction

Seal Option	Seal Kit
Omit = Buna-N	230000160
V = Viton	230000450

Code	Ports & Material	Body Nomenclature
00	00 = Cartridge only	No Body
SE1/4	AL, 1/4 BSP	NCS04/3-SE-1/4
SE4S	AL, #4 SAE	NCS04/3-SE-4S
SE6S	AL, #6 SAE	NCS04/3-SE-6S

** Aluminum bodies are to be used for pressures less than 210 bar (3000 psi).

*** Other housings available