

Shuttle Valves

CP124-1

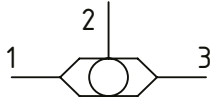
Load Shuttle Valve

350 bar [5000 psi] • 3.7 l/min [1 US gpm]

DESCRIPTION AND OPERATION

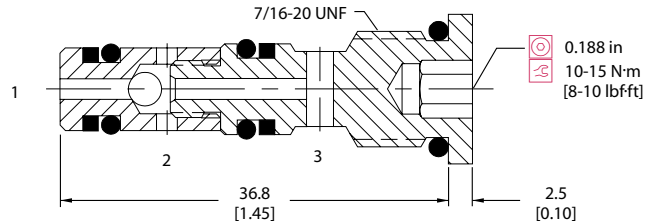
This valve senses the higher of the two input pressures at ports 1 and 3 and routes it to the output port 2.

SCHEMATIC



DIMENSIONS

mm [in]



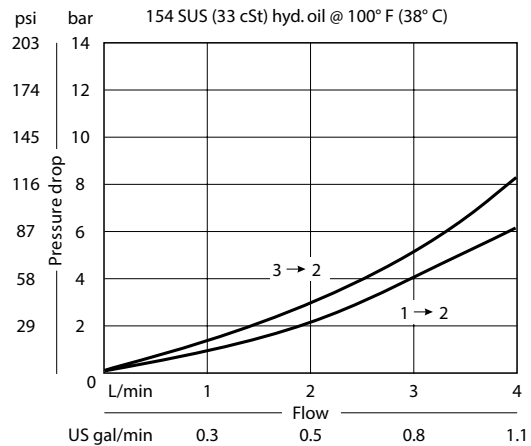
PERFORMANCE DATA

Rated pressure*	350 bar [5000 psi]
Rated flow at 7 bar [100psi]	3.7 l/min [1 US gpm]
Leakage	6 drops/min @ Rated pressure
Weight	0.02 kg [0.04 lb]
Cavity	CP04-3

*Rated pressure based on NFPA fatigue test standard [at 1 million cycles]

PERFORMANCE CURVES

Pressure drop



MODEL CODE

CP124 - 1 - B - 4S

Seal Option

Code	Seal kit
B-Buna-N	120111
V-Viton	120282

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
2B	Al, 1/4 BSP	CP04-3-2B
4S	Al, #4 SAE	CP04-3-4S

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

* Additional housings available