

Shuttle Valves

CP120-4

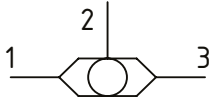
Load Shuttle Valve

330 bar [4800 psi] • 25 l/min [7 US gpm]

DESCRIPTION AND OPERATION

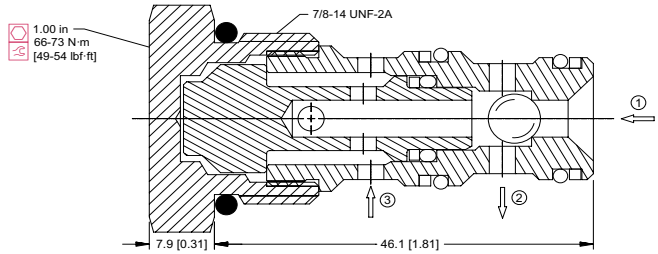
This valve senses the higher of two input pressures at 1 and 3, and routes it to the output 2.

SCHEMATICS



DIMENSIONS

mm [in]

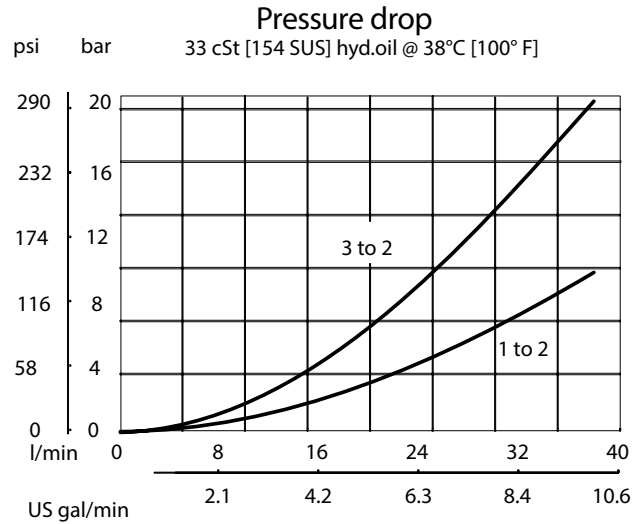


PERFORMANCE DATA

Rated pressure*	330 bar [4800 psi]
Rated flow at 7 bar [100psi]	25 l/min [7 US gpm]
Leakage	6 drops/min @ Rated pressure
Weight	0.10 kg [0.22 lb]
Cavity	SDC10-3

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

PERFORMANCE CURVES



MODEL CODE

CP120 - 4 - B - 8S

Seal Option

Code	Seal kit
B-Buna-N	120027
V-Viton	120028

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
SE3B	Al, 3/8 BSP	SDC10-3-SE-3B
SE4B	Al, 1/2 BSP	SDC10-3-SE-4B
6S	Al, #6 SAE	CP10-3-6S
8S	Al, #8 SAE	CP10-3-8S
S6S	Ductile, #6 SAE	CP10-3-S6S
S8S	Ductile, #8 SAE	CP10-3-S8S

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

* Additional housings available