

Shuttle Valves

CP128-1

Load Shuttle Valve

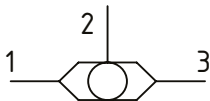
315 bar [4600 psi] • 22 l/min [5.8 US gpm]



DESCRIPTION AND OPERATION

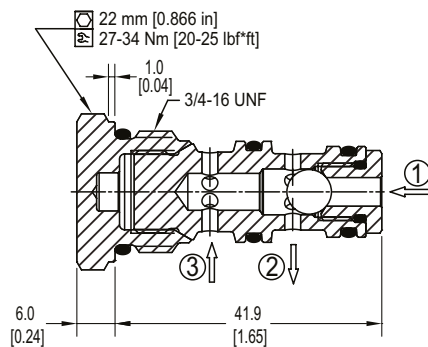
This valve senses the higher of the two input pressures at ports 1 and 3 and routes it to the output port 2.

SCHEMATIC



DIMENSIONS

mm [in]



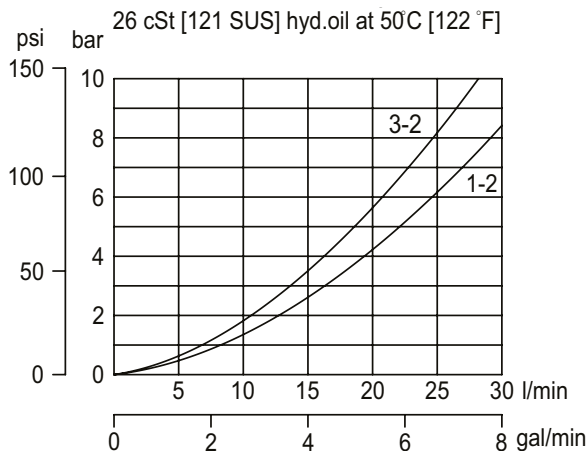
PERFORMANCE DATA

Rated pressure*	315 bar [4600 psi]
Rated flow at 7 bar [100psi]	22 l/min [5.8 US gpm]
Leakage	6 drops/min @ Rated pressure
Weight	0.06 kg [0.14 lb]
Cavity	SDC08-3

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

PERFORMANCE CURVES

Pressure drop



MODEL CODE

CP128 - 1 - B - 0

Seal Option

Code	Seal kit
B-Buna-N	120238
V-Viton	120239

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
SE2B	AL, 1/4 BSP	SDC08-3-SE-2B
SE3B	AL, 3/8 BSP	SDC08-3-SE-3B
4S	AL, #4 SAE	CP08-3-4S
6S	AL, #6 SAE	CP08-3-6S

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

* Additional housings available