



# Shuttle Valves Technical Information

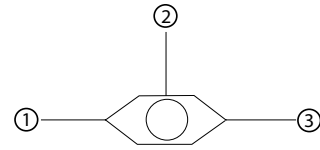
## Load Shuttle Valve - Normal Direction

### CP120-4

#### OPERATION

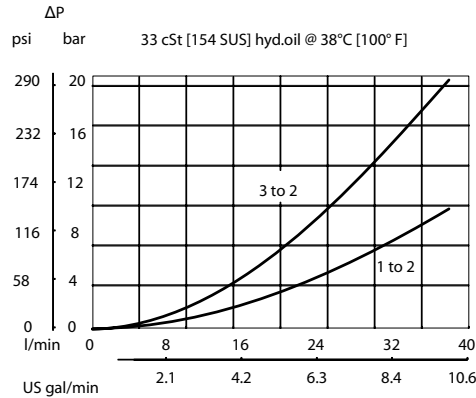
This valve senses the higher of two input pressures at 1 and 3, and routes it to the output 2.

#### Schematic



#### SPECIFICATIONS

#### Theoretical performance



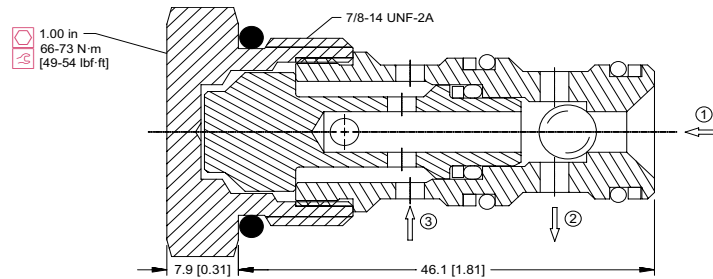
#### Specifications

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

#### DIMENSIONS

mm [in]

#### Cross-sectional view



#### ORDERING INFORMATION

#### CP120-4-B-8S

Seals	Seal kit	Housing and ports	Housing P/N
B = Buna-N	120027	00 = No Housing	No Housing
V = Viton	120028	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
		Other housings available	