



# Shuttle Valves Technical Information

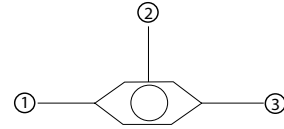
## Load Shuttle Valve - Normal Direction

### CP124-1

#### OPERATION

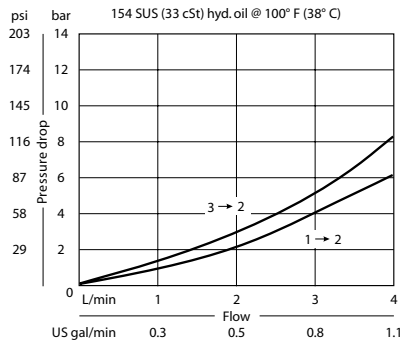
This valve senses the higher of the two input pressures at ports 1 and 3 and routes it to the output port 2.

#### Schematic



#### SPECIFICATIONS

#### Theoretical performance



#### Specifications

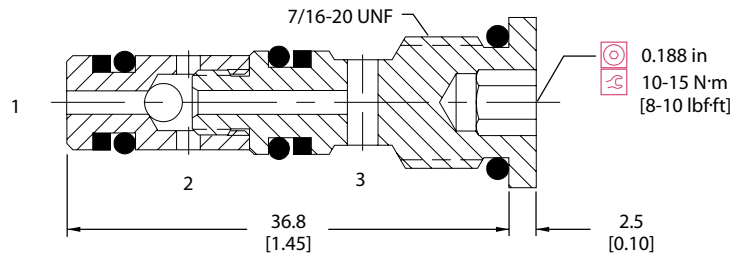
<b>Rated pressure*</b>	350 bar [5075 psi]
<b>Rated flow at 7 bar [100 psi]</b>	3.7 l/min [1 US gal/min]
<b>Leakage</b>	6 drops/min @ Rated pressure
<b>Weight</b>	0.02 kg [0.04 lb]
<b>Cavity</b>	<b>CP04-3</b>

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

#### DIMENSIONS

mm [in]

#### Cross-sectional view



#### ORDERING INFORMATION

CP124 - 1 - B - 4S

<p><b>Seals</b></p> <p>B = Buna-N V = Viton</p>	<p><b>Seal kit</b></p> <p>120111 120282</p>	<p><b>Housing and ports</b></p> <p>0 = No Housing 2B = AL, 1/4 BSP 4S = AL, #4 SAE Other housings available</p>	<p><b>Housing P/N</b></p> <p>No Housing CP04-3-2B CP04-3-4S</p>
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