



Shuttle Valves Technical Information

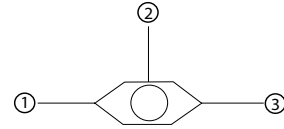
Load Shuttle Valve - Normal Direction

CP124-1

OPERATION

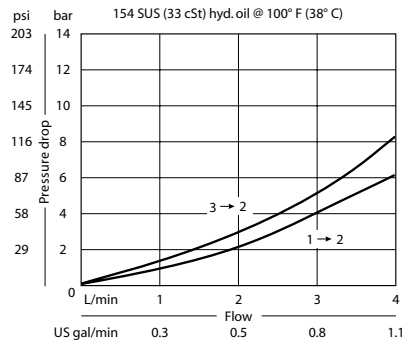
This valve senses the higher of the two input pressures at ports 1 and 3 and routes it to the output port 2.

Schematic



SPECIFICATIONS

Theoretical performance



Specifications

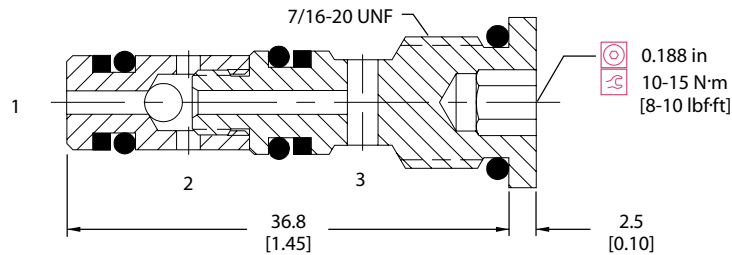
Rated pressure*	350 bar [5075 psi]
Rated flow at 7 bar [100 psi]	3.7 l/min [1 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.02 kg [0.04 lb]
Cavity	CP04-3

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

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP124 - 1 - B - 4S

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