



# Shuttle Valves Technical Information

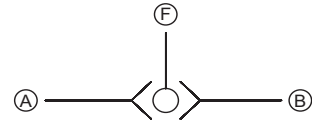
## Load Shuttle Valve - InLine

### VS 10

#### OPERATION

This valve senses the higher of two input pressures and routes it to the output port.

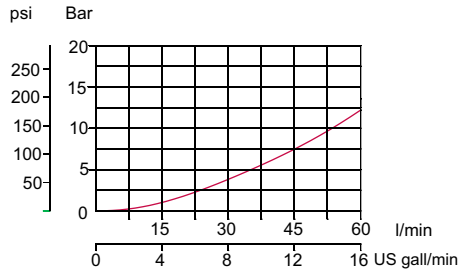
#### Schematic



#### SPECIFICATIONS

#### Theoretical performance

Pressure drop  
26 cSt [121 SUS] hyd.oil at 50°C [122 °F]  
Free flow from A⇒F or B⇒F



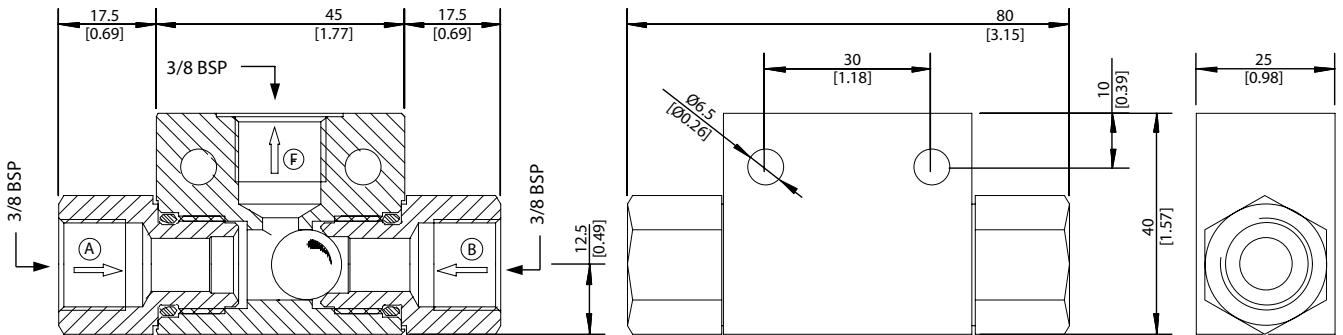
#### Specifications

<b>Rated pressure</b>	350 bar [5075 psi]
<b>Rated flow at 7 bar [100 psi]</b>	45 l/min [12 US gal/min]
<b>Leakage</b>	6 drops/min @ Rated pressure
<b>Weight</b>	0.19 kg [0.42 lb]
<b>Cavity</b>	none

#### DIMENSIONS

mm [in]

#### Cross-sectional view



#### ORDERING INFORMATION

## VS 10-G-V

SEALS  
Omit = Buna  
V = Viton