
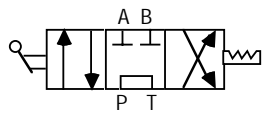
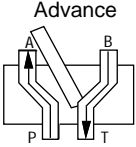
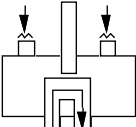
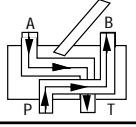

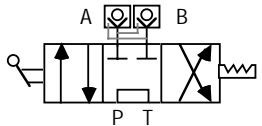
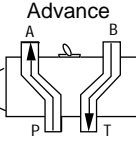
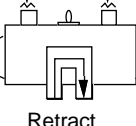
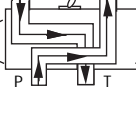

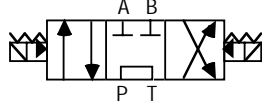
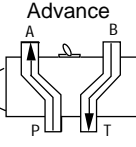
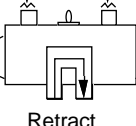
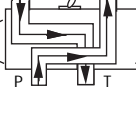

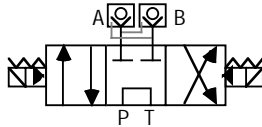
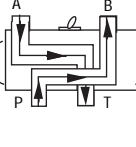
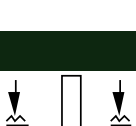
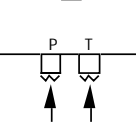

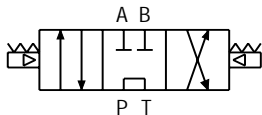
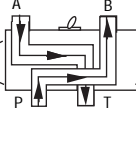
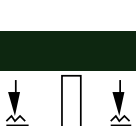
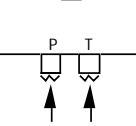

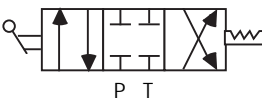
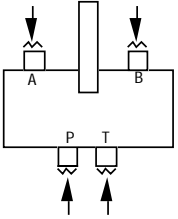

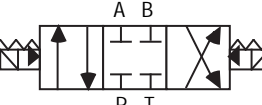
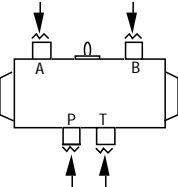


## For Double-Acting Cylinders & Tools

PUMP MOUNTED VALVES		Hydraulic Schematic	Functional Flow Schematic
	<ul style="list-style-type: none"> <li>VP4 Pump mounted 3 position 4 way valve is used with double-acting cylinders and tools. This valve controls direction of oil for advancing, holding &amp; retracting. The center position holds the load with the pump motor running or off.</li> </ul>		<p>Advance</p>  <p>Hold</p>  <p>Retract</p> 
	<ul style="list-style-type: none"> <li>VPL4 Pump mounted 3 position 4 way valve is the same as VP4, but with a built in pilot check valve. The VPL4 provides positive load holding in the center position, and will not allow pressure drop while shifting. Recommended for <b>prestressing and precision holding applications</b>.</li> </ul>		<p>Advance</p>  <p>Hold</p>  <p>Retract</p> 
	<ul style="list-style-type: none"> <li>VPS4 Pump mounted electric solenoid actuated 3 position 4 way valve with remote pendant switch. Same as VP4, but allows remote operation of directional control.</li> </ul>		<p>Advance</p>  <p>Hold</p>  <p>Retract</p> 
	<ul style="list-style-type: none"> <li>VPSL4 Pump mounted electric solenoid actuated 3 position 4 way valve with remote pendant switch functions the same as VPS4, but with a built in pilot operated check valve. The VPSL4 provides positive load holding in the center position, and will not allow pressure drop while shifting.</li> </ul>		<p>Advance</p>  <p>Hold</p>  <p>Retract</p> 
	<ul style="list-style-type: none"> <li>VPA4 Pump mounted air solenoid actuated 3 position 4 way valve with remote pendant switch. Same as VP4, but allows remote operation of directional control.</li> </ul>		<p>Advance</p>  <p>Hold</p>  <p>Retract</p> 
REMOTE MOUNTED VALVES			
	<ul style="list-style-type: none"> <li>VR4 &amp; VR4CC VR4 is the same as VP4, except for inline mounting. VR4CC is the same valve except all ports are closed in the center position. VR4 hydraulic schematic same as VP4.</li> </ul>	<p>VR4CC</p> 	
	<ul style="list-style-type: none"> <li>VRS4 &amp; VRS4CC VRS4 is the same as VPS4 except for inline mounting. VRS4CC is the same valve except all ports are closed in the center position. VRS4 hydraulic schematic same as VPS4.</li> </ul>	<p>VRS4CC</p> 	

All remote valves have threaded mounting holes (see page 60).