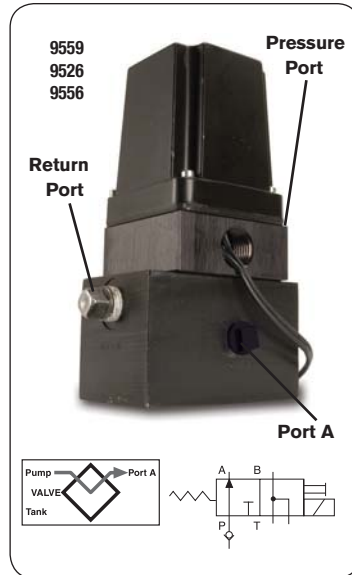
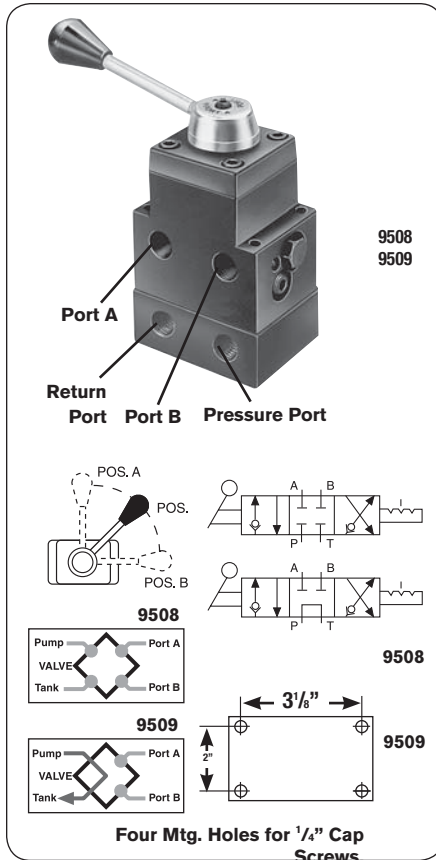


# VALVES

**Remote Mounted**  
10,000 PSI,  
3/8" Ports 5 GPM Max Flow



### 3-WAY 2-POSITION SOLENOID VALVE

**Application:** Single-acting cylinders.  
**Actuation:** Solenoid operated, 115/230/24 volt, 50/60 Hz.

**Function:** Advances cylinder piston when solenoid is de-energized, and pump is running. When solenoid is energized, oil is directed back through valve "return" port and cylinder piston returns. To place cylinder in "hold" position, pump must be stopped or its flow held at the valve "pressure" port with the solenoid de-energized.

**NOTE:** Valve is equipped with a 9631 snubber valve in port "A." The line from the "return" port of the valve must be unrestricted (100 psi back pressure maximum) back to the reservoir.

**IMPORTANT:** A 9580 in-line check valve (see page 119) must be installed in the "pressure" port if the supply pump is not equipped with an outlet check valve.

**No. 9559** – 3-way 2-position solenoid valve, 115 volt 50/60 Hz. Includes a remote mounting subplate. Wt., 9.7 lbs.

**No. 9526** – Same as 9559 except for 230 volt, 50/60 Hz.

**No. 9556** – Same as 9559 except for 24 volt, 50/60 Hz.

**NOTE:** Valves above are shipped without control switch. Use 202777 remote hand switch (see page 130).

### 4-way 3-position (closed center) and (tandem center) manual valves with Posi-Check®

**Application:** Single or double-acting cylinders. When used with single-acting cylinders, one port must be plugged. For double-acting cylinders, either port can be used to "advance" or "return."

**Actuation:** Lever-operated, detent positioned.

**Functions:** The 9508 provides "advance," "hold" and "return" positions with all ports blocked (closed center) in the "hold" position. The 9509 has "advance," "hold" and "return" with tandem center (cylinder ports are blocked, pump remains running). Both valves have **Posi-Check®** feature to guard against pressure loss when shifting from "advance" to "hold."

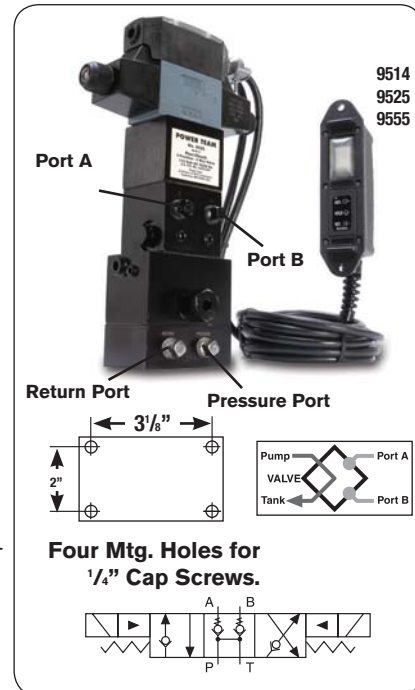
**No. 9508** – 4-way 3-position (closed center) manual valve, including subplate for remote mounting. Wt., 6.3 lbs.

**No. 9509** – Same as 9508, except is tandem center.

**CAUTION:** To prevent sudden, uncontrolled descent of a load as it is being lowered, use a No. 9596 Load Lowering Valve or No. 9720 Counter Balance Valve (see page 118) in conjunction with the directional valve used in your application.

**CAUTION:** The Posi-Check® feature will not hold the load when shifted directly A to B-B to A or from hold to A or B.

**NOTE:** Maximum tank line pressure for remote mounted valves is 500 psi.



### 4-way 3-position (tandem center) solenoid valve with Posi-Check®

**Application:** Double-acting cylinders.  
**Actuation:** Solenoid operated, 115/230/24 volt, 50/60 Hz.

**Functions:** Push button control of "advance," "hold" and "return." The **Posi-Check®** feature guards against pressure loss when shifting from "advance" to "hold." With valve in "hold" position, cylinder ports are blocked and oil is directed from pump to reservoir.

**NOTE:** Do not allow return tank pressure to exceed 500 psi at the valve.

**No. 9514** – 4-way 3-position (tandem center) solenoid valve, 115 volt, 50/60 Hz. Remote hand control included. Wt., 10.1 lbs.

**No. 9525** – Same as 9514 except for 230 volt, 50/60 Hz.

**No. 9555** – Same as 9514 except for 24 volt, 50/60 Hz.

**NOTE:** Consult factory before installing a pressure switch on any of these valves.

