



**SPECIFICATIONS**

Material ..... Steel  
 Maximum Operating Pressure ..... 6,500 PSI  
 Adjustable ..... (Factory set at 2,000 PSI)  
 from 1,000 to 6,500 PSI  
 Operating Temperature . . . . . -10 to + 250°F  
 (- 23 to +121°C)  
 Lubricant ..... Oil  
 Seals ..... Viton  
 Net Weight ..... 1.19 lb. (.54 kg.)

**TYPICAL APPLICATION**

Figure 3

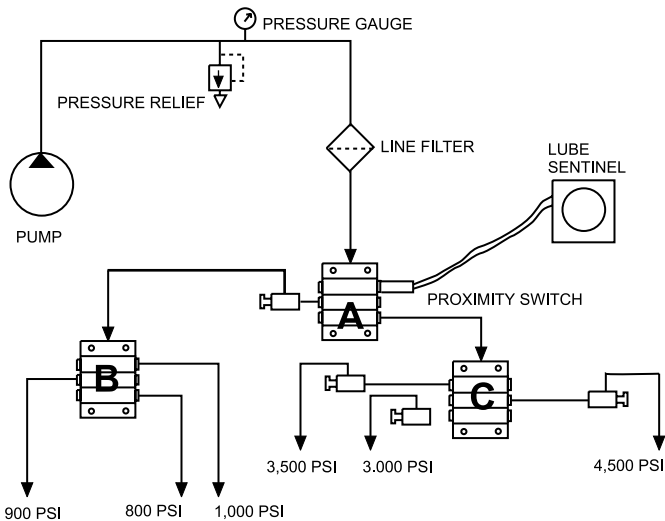
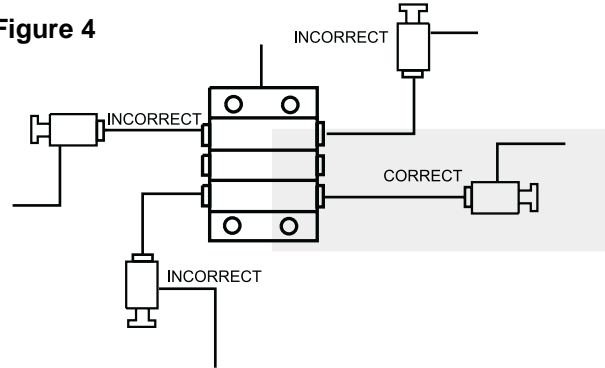


Figure 3 shows a typical compressor lubrication system using MH divider valves and balancing valves. In the system, a 3,700 PSI dispensing pressure difference exists. One balancing valve is installed in the line between the master divider (A) and the secondary divider valve (B). Also two balancing valves are installed downstream from the secondary divider valve (C), where a pressure difference of 1,500 PSI exists. Each valve is set to equal the highest pressure point in the system which, in this case, is 4,500 PSI. A fourth balancing valve is installed to serve the lubrication point at 4,500 PSI, downstream from the divider valve (C). It balances the divider valve system at startup, should the compressor begin operating at low pressure.

**INSTALLATION**

A balancing valve must be mounted with the outlet up to permit removal of trapped air and improve the operation of the valve. See Figure 4.

Figure 4



The Lubriquip balancing valve is factory set at 2,000 PSI. When changing pressure setting, it is recommended that a pressure gauge be installed at the inlet of the balancing valve to determine the pressure required to open the valve. To change the pressure setting, loosen the locknut on the adjustment screw and turn the screw clockwise to increase the pressure setting or counterclockwise to reduce the pressure setting. When the desired setting is attained, retighten the locknut.

After installation and pressure adjustment, check the system pressure upstream of the balancing valve. The pressure setting of the balancing valve must be equal to the highest pressure in the system.

**ORDERING INFORMATION**

Balancing Valve ..... 509-510-000  
 Valve Seal kit ..... 560-001-470

**Look to LUBRIQUIP, Inc. for all of your Centralized Lubrication System needs.**

**Products include:**

**DIVIDER VALVES:** for oil and grease...to 7,500 psi...  
 1 to 24 points from a single valve assembly...up to 256 points from a Master/Secondaries circuit...or systems that handle an entire plant.

**PUMPS:** fixed and variable displacement...manual and air, hydraulic, electric motor or mechanically driven.

**TIMERS/AUTOMATIC CONTROLS:** from simple on/off to complete flow and pressure monitoring, either time- or machine-actuated.

**ACCESSORY VALVES:** balancing, check and flow.

**INDICATORS:** performance and broken line.

**ACCESSORIES:** fittings, brackets, clamps, filters and strainers.



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