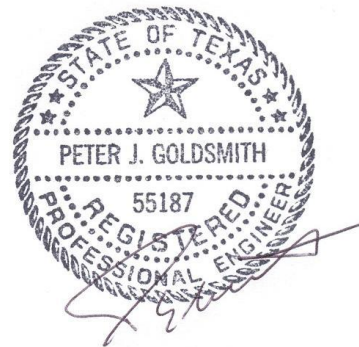
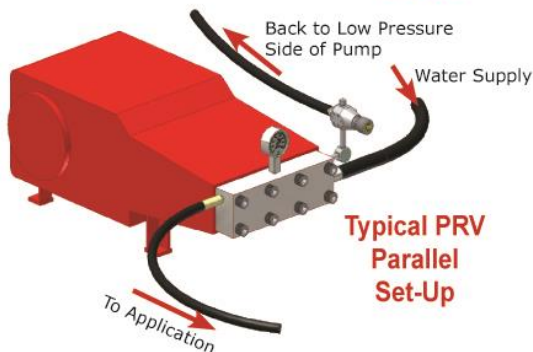
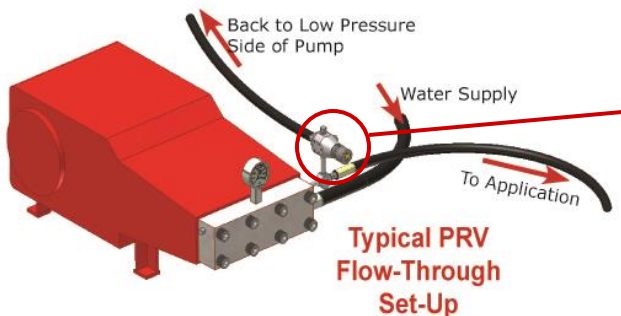


10/20/2011

Pressure Regulating Valve (PRV) – 15,000 psi MAWP

Maximum Flow Rating: The maximum practical flow rating for a PRV – 15K (part No. 65-110-015) is 60 gpm. Based upon one of the typical installations as shown below, the maximum recommended flow of 60 gpm would result in a system back pressure of approximately 600 -700psi. This would be the pressure required to discharge 60gpm through the PRV.



Considering an application in which the pump has a maximum flow of 60 gpm and the tool being used requires only 15gpm at 15K, the PRV could easily handle the excess flow of 45 gpm, because the system pressure would be at 15K which would easily push the excess flow through the PRV. If the handle of the PRV was turned to the full open position the system pressure would be reduced to approximately 600-700 psi even if the pump was still running at its full operating speed. In practice the speed of the pump would be reduced to lower the system pressure.