

Relief Valves



A Little Relief Goes a Long Way

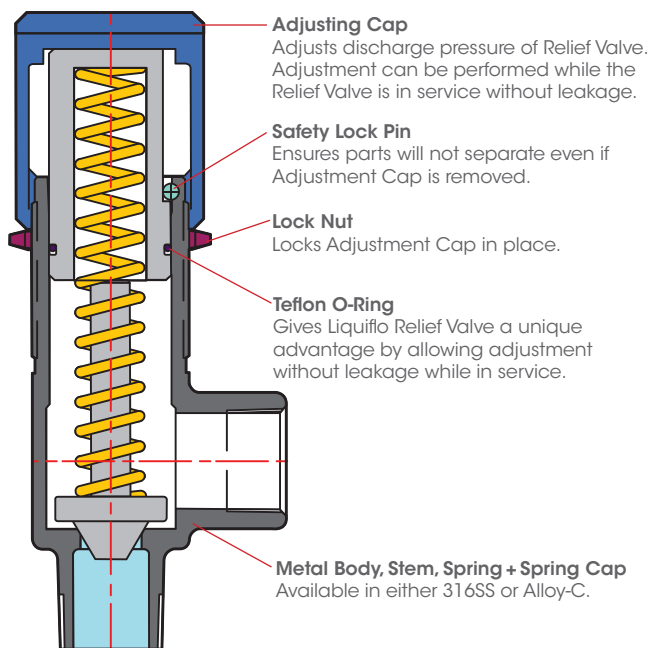
PROTECT YOUR PUMP FROM AN OVER-PRESSURE CONDITION

The Hydraulic Institute recommends that Positive Displacement Pumps be installed with a Relief Valve in the discharge line. Operating a gear pump against a closed discharge valve will result in over pressure and likely failure of the pump or system. Install the relief valve between the pump discharge port and the discharge isolation valve. Ideally, the relief valve should bypass the discharge line back to the supply tank. Where this is not feasible, piping the relief valve back to the suction side of the pump will prevent immediate pump failure from over pressure, however, continuously running in this condition will cause heating of the fluid.

LIQUIFLO RELIEF VALVES

Model #	Material	Port Size
RV1000	316SS	1/2" NPT
RV1001	Alloy-C	1/2" NPT
RV2000	316SS	1" NPT
RV2001	Alloy-C	1" NPT

Liquiflo manufactures two sizes of Relief Valves in 316SS and Alloy-C.



OPTIMAL HOOK-UP OF PUMP WITH SEPARATE RELIEF VALVE

Optimal configuration with Relief Valve directly bypassing the discharge line back to the supply tank.

