



Shipping: 2332 S 25th St  
Omaha, NE 68105  
Phone: (402) 344.4434  
Fax: (402) 344.8091  
www.BRAND-HYD.COM



# RL STYLE RELIEF VALVE INSTALLATION AND USER GUIDE

## **SAFETY PRECAUTIONS:**

- It is the purchaser's responsibility to determine the suitability of any Brand Hydraulics Co. product for an intended application, and to ensure that it is installed in accordance with all federal, state, local, private safety and health regulations, codes and standards. Due to the unlimited variety of machines, vehicles and equipment on which our products can be used, it is impossible for Brand Hydraulics Co. to offer expert advice on the suitability of a product for a specific application. It is our customer's responsibility to undertake the appropriate precautions, testing and evaluation to prevent injury to the end-user.
- Overpressure may cause sudden and unexpected failure of a component in the hydraulic system, resulting in serious personal injury or death. Always use a gauge when adjusting a relief valve.

## **SPECIFICATIONS:**

- Pressure rating 3000 psi (207 bar).
- Pressure setting 150-3000 psi (10-207 bar).
- Weighs 2 1/4 lbs (1.0 kg).

## **FREQUENTLY ASKED QUESTIONS:**

**Q:** How do I adjust the relief setting?

**A:** Remove the hex cap with a 7/8" combination wrench and set aside. This gives you access to the relief set screw (5/16" hex). Turning the set screw clockwise will increase the pressure.

- RL models: 1 turn is ~500psi[34.47bar]
- RLC models: 1 turn is ~ 800psi[55.16bar]

**Q:** Can I paint my valve?

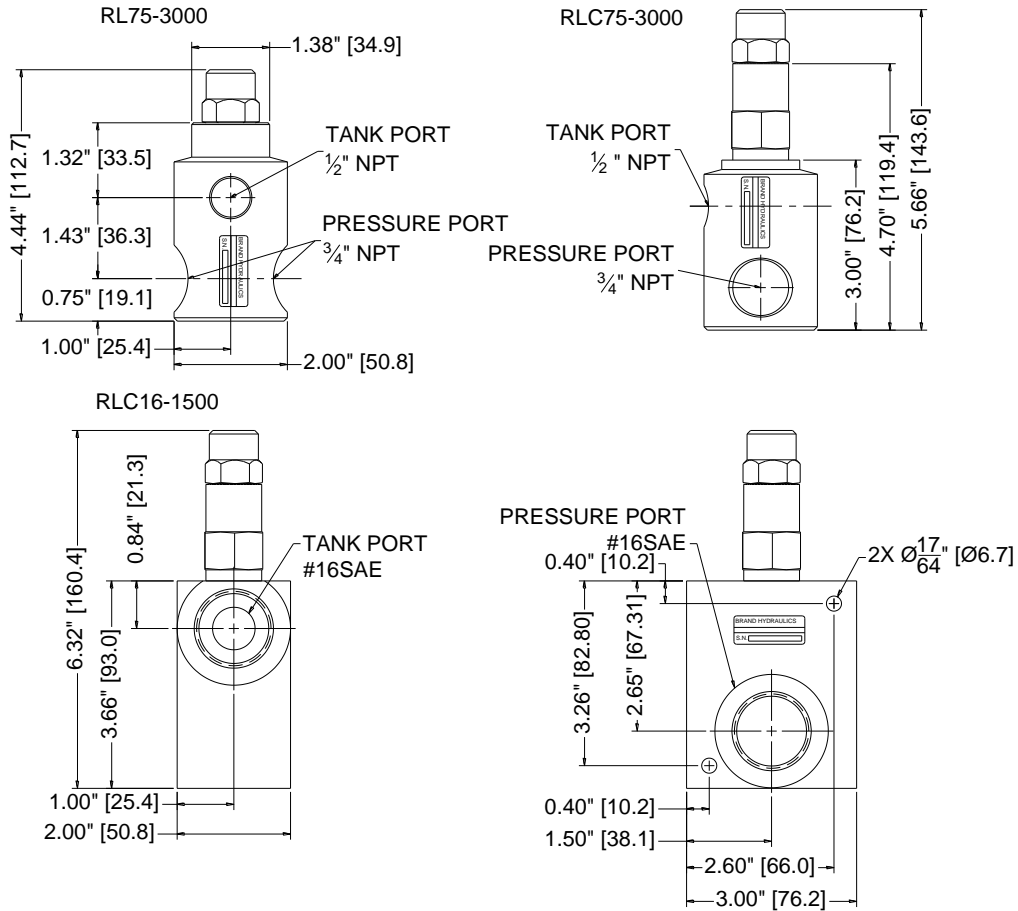
**A:** Painting valves is okay as long as the all ports are properly plugged.



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**DIMENSIONAL DATA:**



**Figure 1: Dimensional Data for RL &RLC valves in inches & [millimeters].**