

## POR75 STYLE PILOT OPERATED RELIEF VALVE INSTALLATION AND USER GUIDE

### SPECIFICATIONS:

- Pressure rating 3000 psi (207 bar).
- Rated for 0-30 gpm (0-114 lpm)
- Weighs 5 lbs (2.3 kg).
- 30 Micron filtration recommended

### 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 1 turn will increase the pressure ~300psi [20.7bar].

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

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

### GENERAL INFORMATION:

Pipe thread sealant – Warranty is void when Teflon tape is used to seal pipe threads. This is because Teflon tape is a friction reducing agent which allows customers to over-torque fittings. We recommend using a sealant that does not include friction reducing agents i.e. Lead Plate.

Note: 1/4" NPT port can be vented to tank and used as an unloading valve as well as a relief valve.

### DIMENSIONAL DATA:

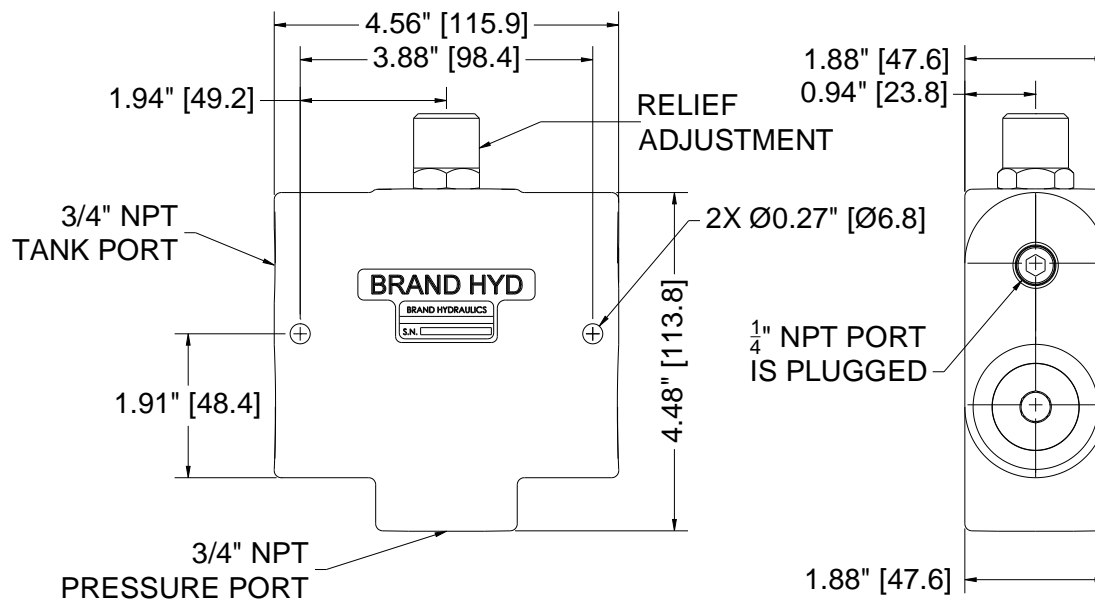


Figure 1: Dimensional Data for Pilot Operated Relief valve in inches & [millimeters].



## **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.