

DATA SHEET

ADJUSTABLE PRESSURE RELIEF VALVE



Brass Model: 997304



FEATURES

- Can function as an inlet pressure relief.
- Can function as a secondary pressure relief valve to either an unloader or regulator for optimum system overpressure protection.
- Designed for single or multiple gun or pump system to protect from excessive pressure.
- Bypasses unused flow when set relief pressure is reached to avoid excessive pressure on the pump.

COMMON SPECIFICATIONS

	U.S.	Metric
Flow Range	0 to 20 gpm	0 to 75.7 lpm
Pressure Range	0 to 300 psi	0 to 20 bar
Temperature Range	-30° to 160° F	-34° to 71° C
Inlet Port – Male	½" NPT	½" NPT
By-Pass Port – Female	½" NPT	½" NPT
Weight	1.28 lbs.	0.58 kg
Dimensions	6.62 x 2.50 x 1.67"	168 x 63 x 42 mm

SELECTION

Select a relief valve to meet or exceed the flow and pressure requirements of the system.

INSTALLATION

This relief valve can be teed into a discharge pressure line or inlet pressure line providing optimum protection to the pump. The inlet connection is at the bottom. Relief valve by-pass liquid may be returned to reservoir or drain to the floor. The relief port connection is at the side.

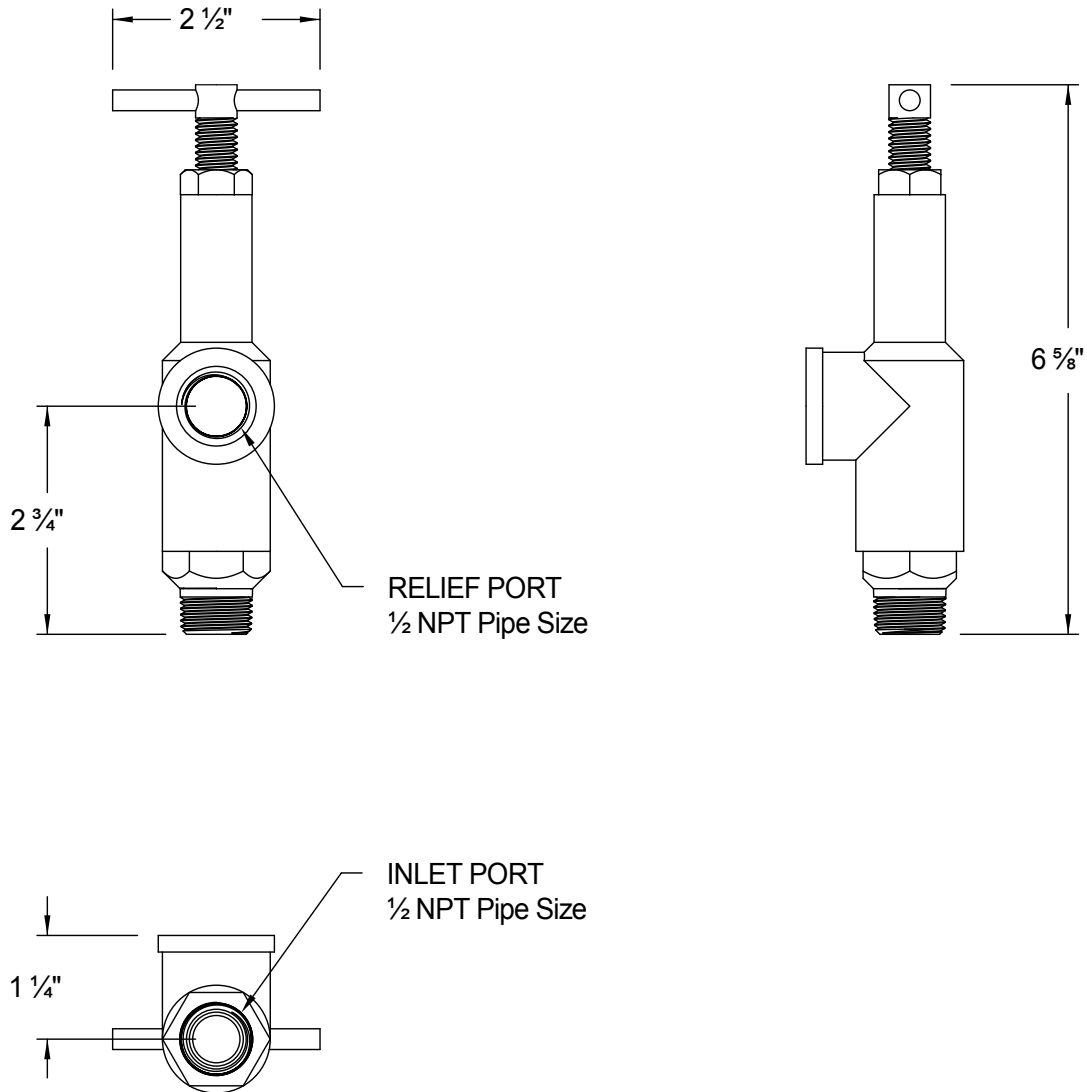
OPERATION

The pressure adjusting T-handle is located at the top of the relief valve. Turn the T-handle clockwise to increase pressure or counterclockwise to decrease pressure.

The relief valve should be set in small increments. Check your pressure gauge following each adjustment. It is recommended to set your relief valve in small increments.

NOTE: The Relief Valve is a secondary safety device. It does not replace a pressure regulator or unloader.

DIMENSIONAL DRAWING



⚠ CAUTIONS AND WARNINGS

All High-Pressure Systems require a primary pressure regulating device (i.e. regulator, unloader) and a secondary pressure relief device (i.e. pop-off valve, relief valve). Failure to install such relief devices could result in personal injury or damage to pump or property. Cat Pumps does not assume any liability or responsibility for the operation of a customer's high pressure system.

Read all CAUTIONS and WARNINGS before commencing service or operation of any high pressure system. The CAUTIONS and WARNINGS are included in each service manual and with each Accessory Data sheet. CAUTIONS and WARNINGS can also be viewed online at www.catpumps.com/cautions-warnings or can be requested directly from Cat Pumps.

WARRANTY

View the Limited Warranty on-line at www.catpumps.com/warranty.



CAT PUMPS

1681 - 94TH LANE N.E. MINNEAPOLIS, MN 55449-4324
PHONE (763) 780-5440 — FAX (763) 780-2958
e-mail: techsupport@catpumps.com
www.catpumps.com