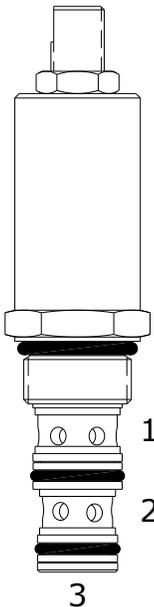


**PP-PWP PILOT OPERATED PRESSURE REDUCING/RELIEVING VALVE**

**DESCRIPTION**

8 size, 3/4-16 thread, "Power" series, pilot operated pressure reducing, relieving valve

**OPERATION**

The PP-PWP in its steady state, allows flow to pass from (2) to (3), with the spring chamber constantly drained at (1).

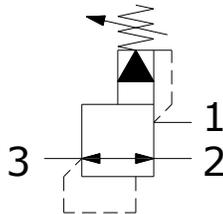
When a pre-determined pressure is reached at (3), the spool shifts to restrict input flow at (2), thereby reducing (restricting) flow.

If valve and pressure at port (3) exceeds setting, spool shifts to open passage at port (1), thereby regulating pressure at port (3) by relieving excess flow.

The cartridge offers smooth transition in response to load changes in common hydraulic circuits.

**FEATURES**

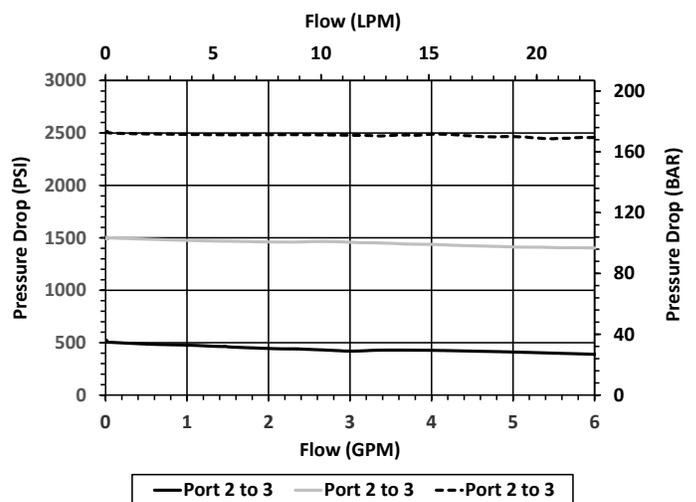
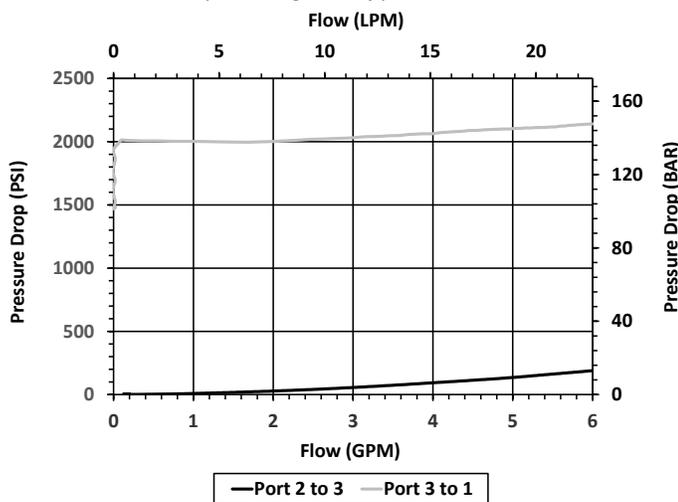
- Hardened parts for long life.
- Industry common cavity.

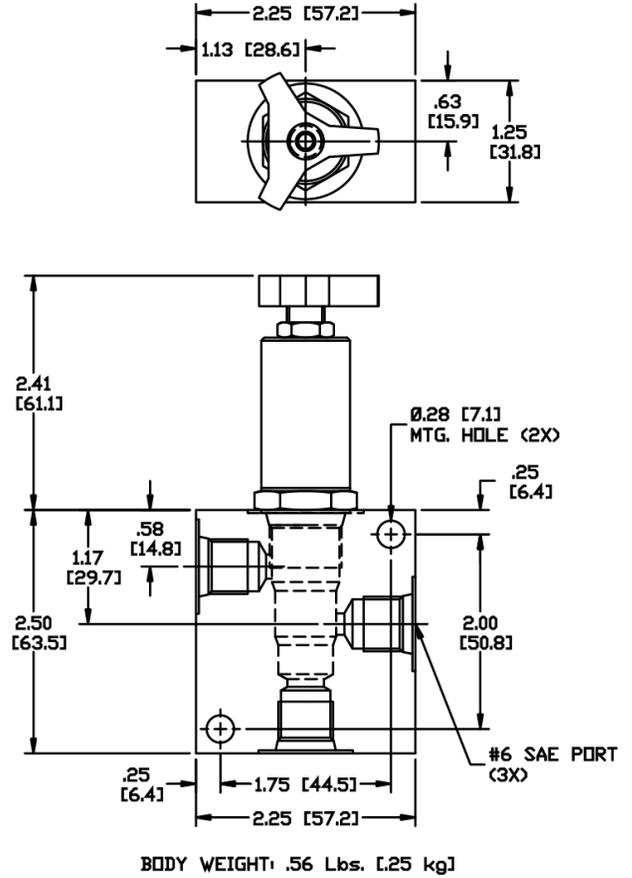
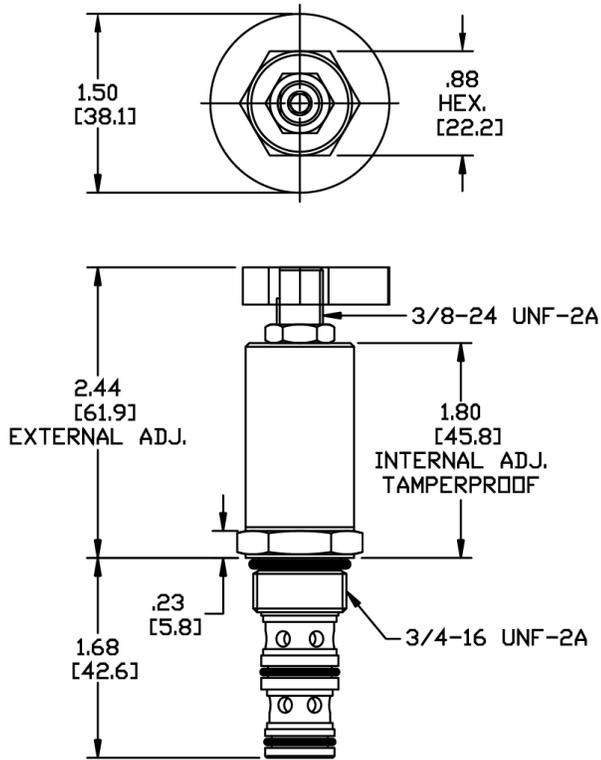
**HYDRAULIC SYMBOL**

**VALVE SPECIFICATIONS**

Nominal Flow	6 GPM (23 LPM)
Rated Operating Pressure	3500 PSI (241 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	.xx lbs. (0.xx kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	25 ft-lbs (34 Nm)
Cavity	<a href="#">POWER 3W</a>
Cavity Form Tool (Finishing)	40500024
Seal Kit	21191111

**PERFORMANCE**

Actual Test Data (Cartridge Only)



**DIMENSIONS**

**ORDERING INFORMATION**
**PP-PWP**

<u>OPTIONS</u>	
Buna Standard	<b>00</b>
Viton Standard	<b>V0</b>
Buna, Knob	<b>0K</b>
Viton, Knob	<b>VK</b>
Internally Adj. Buna	<b>0I</b>
Internally Adj. Viton	<b>VI</b>
Tamper Proof Buna	<b>0T</b>
Tamper Proof Viton	<b>VT</b>

**3300**

Blank  
**N**  
**S**

**BODIES**

Without Body  
1/4 NPTF Ports  
#6 SAE Ports

**PRESSURE RANGE/SETTING**

Ext./Int. Adjustable  
500 – 3300 PSI

**Tamper Proof**

Fill in 4 Digit Pressure Setting  
Example: **0500 – 500 PSI**

**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.