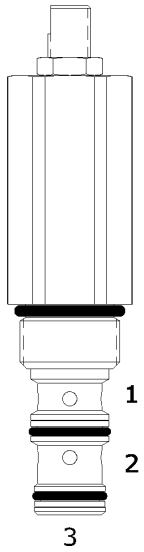
DF-PWP PILOT OPERATED PRESSURE REDUCING, RELIEVING VALVE



DESCRIPTION

10 size, 7/8-14 thread, “Delta” series, pilot operated pressure reducing, relieving valve.

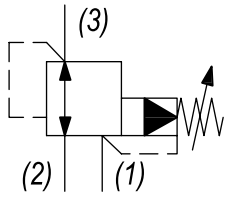
OPERATION

The DF-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

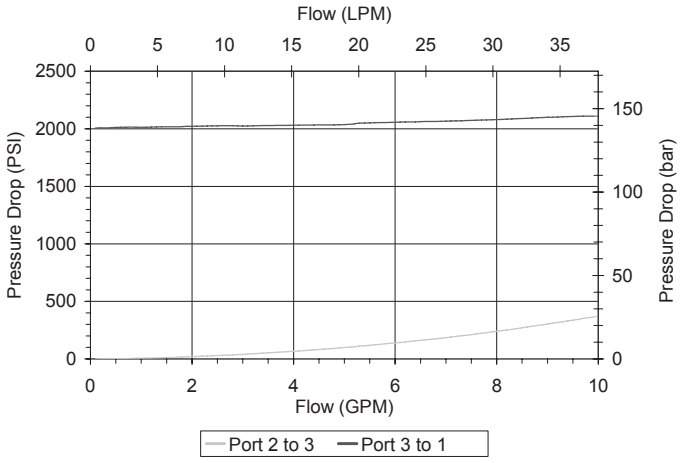


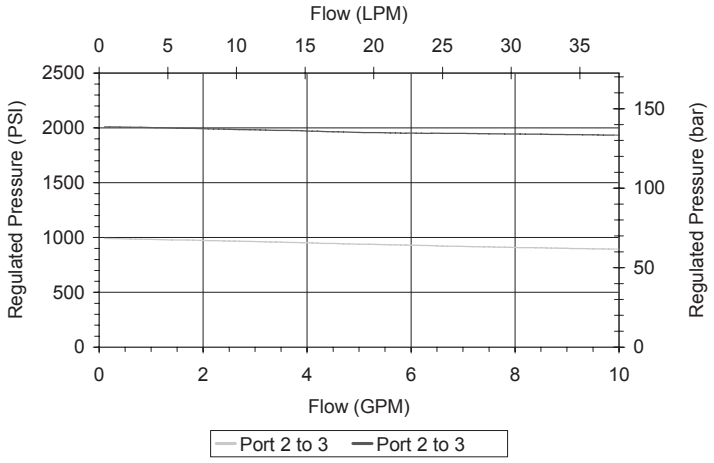
VALVE SPECIFICATIONS

Nominal Flow	10 GPM (38 LPM)
Rated Operating Pressure	4000 PSI (276 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.57 lbs (.26 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Cavity	DELTA 3W
Cavity Form Tool (Finishing)	40500001
Seal Kit	21191206

PERFORMANCE

Actual Test Data (Cartridge Only)

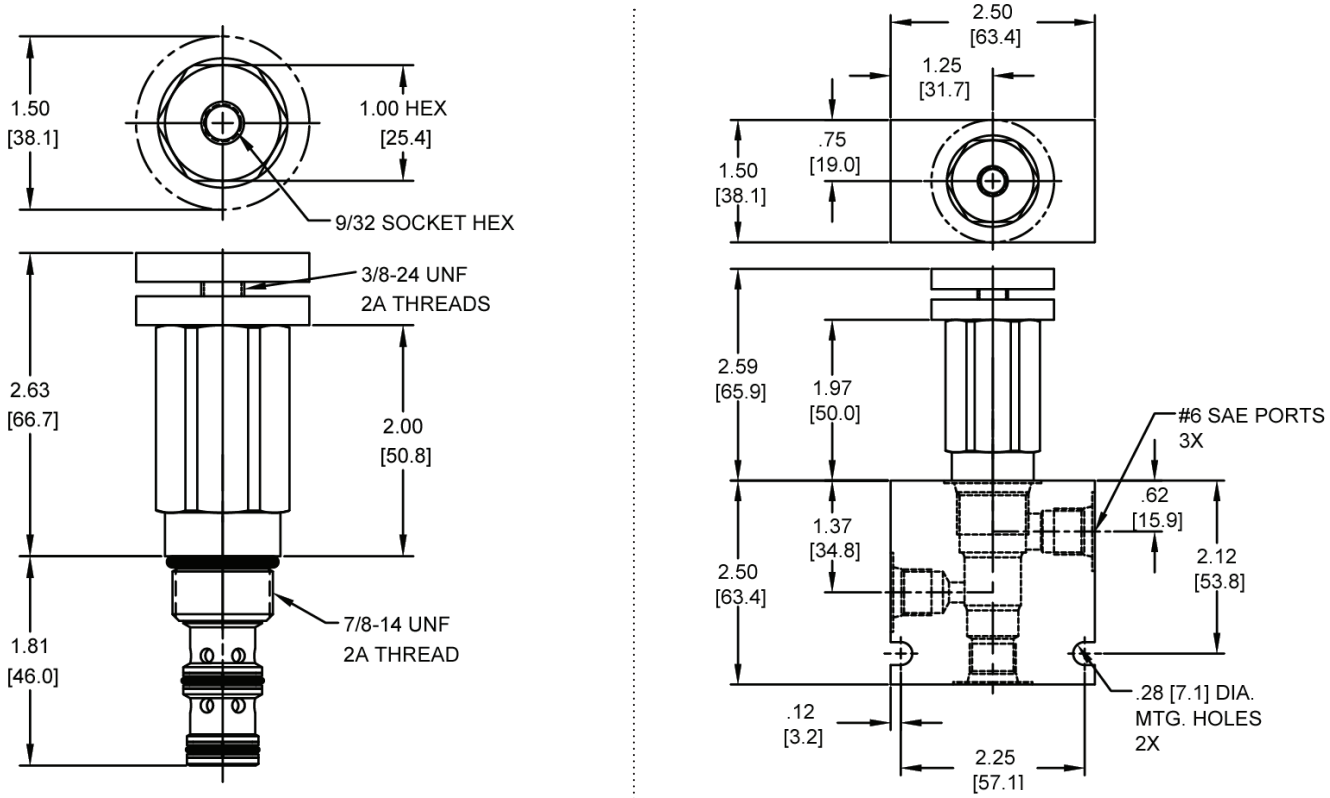




Delta Power Company

4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • **www.delta-power.com**

DIMENSIONS



Body Weight: .76 lbs (.35 kg)

ORDERING INFORMATION

DF-PWP – _____ – _____ – _____

OPTIONS

Buna Standard	**00**
Viton Standard	**V0**
Buna, Knob	**0K**
Viton, Knob	**VK**
Buna, Internal Adjust	**0I**
Viton, Internal Adjust	**VI**
Buna, Tamper Proof	**0T**
Viton, Tamper Proof	**VT**

PRESSURE RANGE/SETTING

Ext./Int. Adjustable

4000 100 - 4000 PSI

Tamper Proof
Fill in 4 Digit Pressure Setting
Example: 0500 - 500 PSI

BODIES

Blank	Without Body
N	1/4" NPTF Ports
S	#6 SAE Ports

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