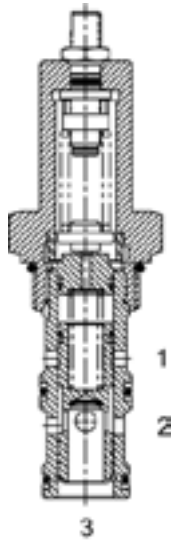## SK-PRP   PILOT OPERATED PRESSURE REDUCING, RELIEVING VALVE

DESCRIPTION
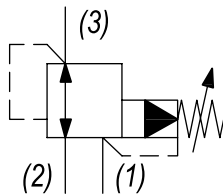16 size, 1 5/16-12 thread, "Super" series, pilot operated pressure reducing, relieving valve.

OPERATION
The SK-PRP 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 the valve and pressure at port (3) exceeds setting, spool shifts to open passage at port (1), thereby regulating pressure at (3) by relieving excess flow. The cartridge offers smooth transition in response to load changes in common hydraulic circuits.
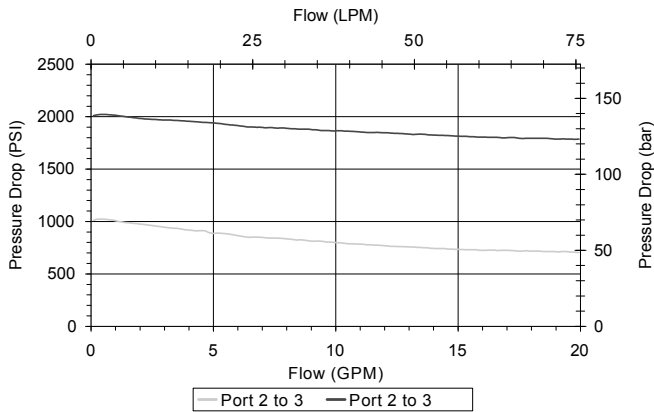
FEATURES
• Hardened parts for long life.
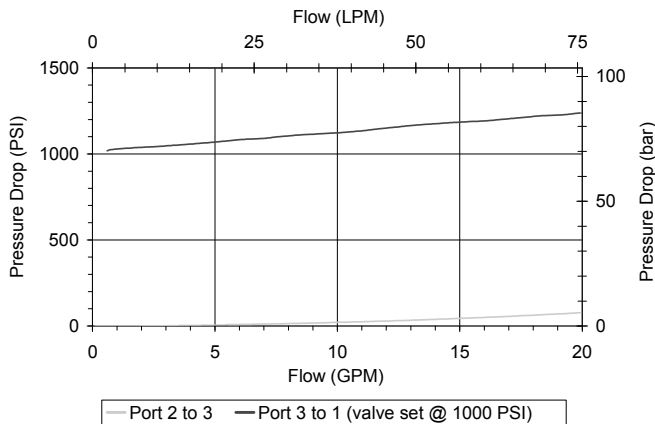• Industry common cavity.

HYDRAULIC SYMBOL

VALVE SPECIFICATIONS

Nominal Flow	20 GPM (76 LPM)
Rated Operating Pressure	500-3000 PSI (34-207 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	1.28 lbs (.58 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	90 ft-lbs (122 Nm)
Cavity	SUPER 3W
Cavity Form Tool (Finishing)	40500018
Seal Kit	21191406

PERFORMANCE

Actual Test Data (Cartridge Only)

W 6 / 2020

DIMENSIONS
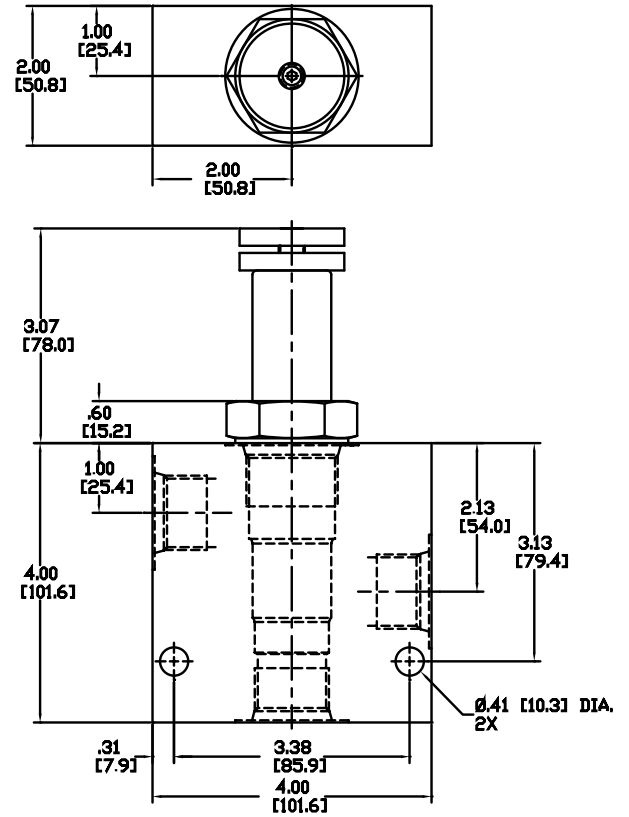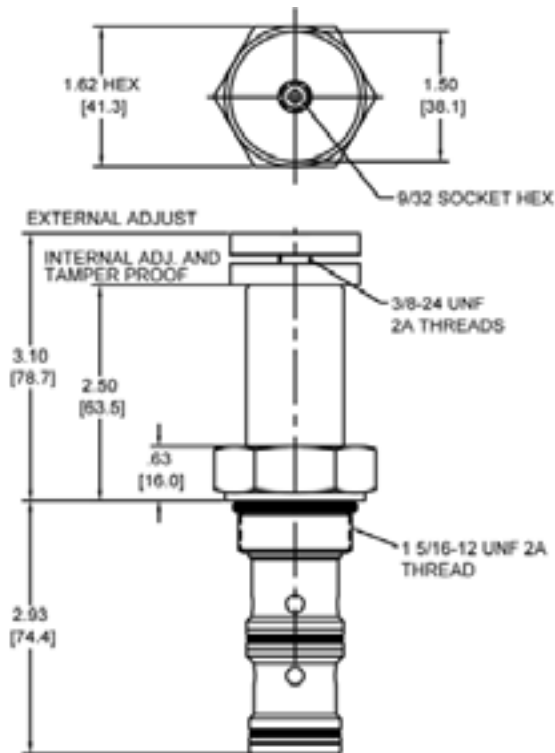
Body Weight: 2.46 lbs (1.11 kg)

ORDERING INFORMATION

SK-PRP — ☐☐ — ☐☐☐☐ — ☐

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**

BODIES

Blank	Without Body
S	#12 SAE Ports

PRESSURE RANGE/SETTING

Ext./Int. Adjustable

3000   500 - 3000 PSI

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