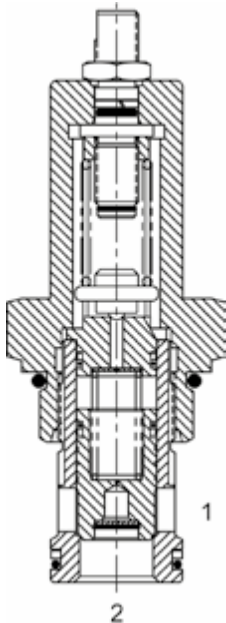


SJ-RVR PILOT OPERATED RELIEF VALVE, WITH REVERSE FLOW



DESCRIPTION

16 size, 1 5/16-12 thread, "Super" series, pilot operated relief valve with reverse flow.

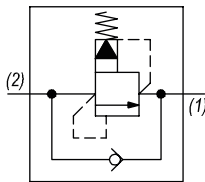
OPERATION

The SJ-RVR blocks flow from (2) to (1) until sufficient pressure is present at (2) to force the pilot stage off its seat, allowing the main stage spool to shift, opening (2) to (1). The relief flow path is from (2) to (1). Reverse flow, from (1) to (2), occurs when the pressure at (1) is at least 30 PSI (2.1 bar) higher than at port (2). 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

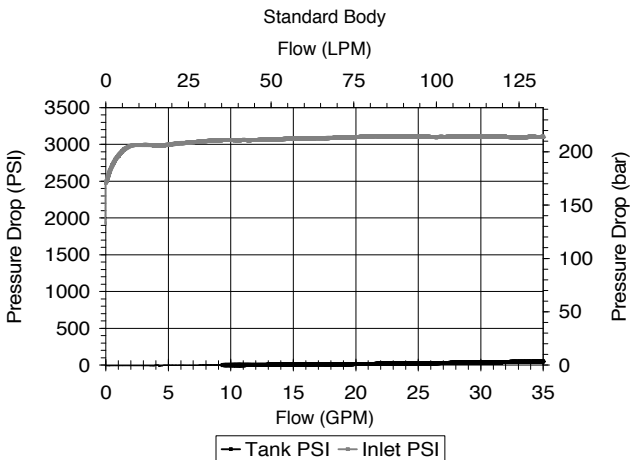
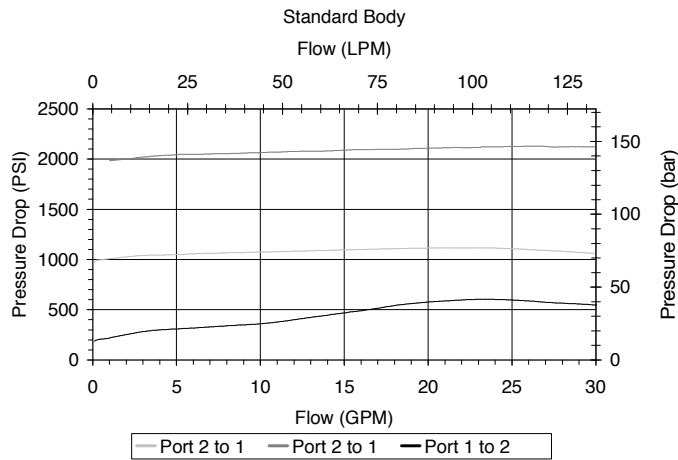


PERFORMANCE

Actual Test Data (Cartridge Only)

VALVE SPECIFICATIONS

Nominal Flow	40 GPM (151 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 Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	1.13 lbs (.51 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	90 ft-lbs (122 Nm)
Cavity	SUPER 2W
Cavity Form Tool (Finishing)	40500017
Seal Kit	21191400



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.

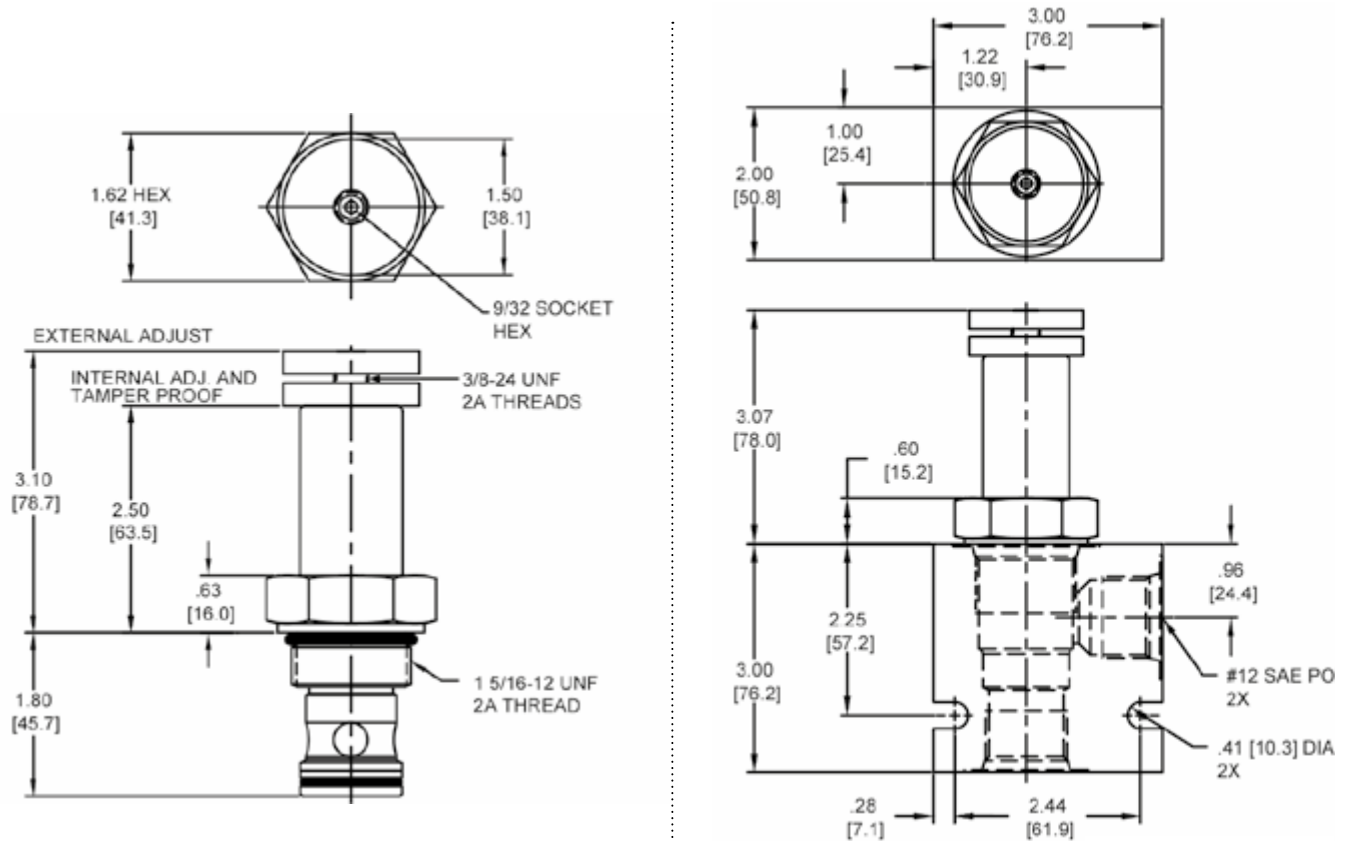


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DIMENSIONS



Body Weight: 1.29 lbs (.59 kg)

ORDERING INFORMATION

SJ-RVR

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
- N 3/4" NPTF Ports
- S #12 SAE Ports

PRESSURE SETTING

3500 500 - 3500 PSI

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