

**HSJ-RWR PILOT OPERATED RELIEF VALVE, WITH REVERSE FLOW**
**DESCRIPTION**

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

**OPERATION**

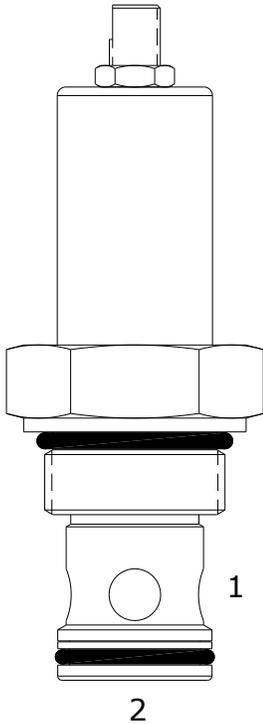
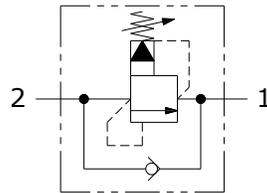
The HSJ-RWR blocks flow from (2) to (1) until sufficient pressure is present at (2) to force the pilot stage off its seat, allowing the main stage spool to shift, opening (2) to (1).

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 (2.1bar) higher than at port (2).

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

**FEATURES**

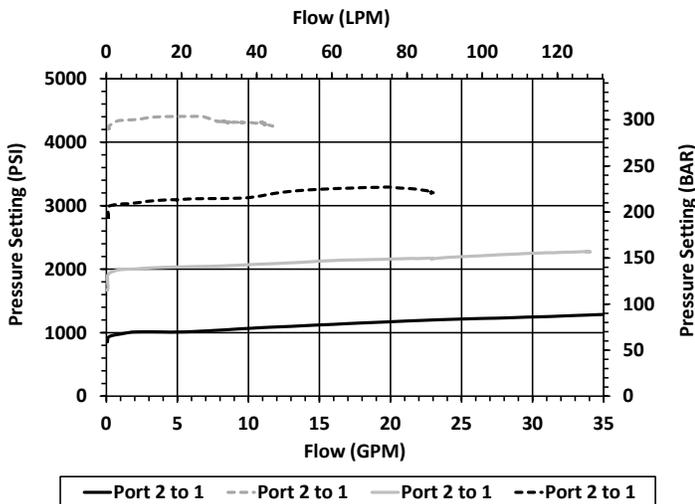
- Hardened parts for long life.
- Industry common cavity.


**HYDRAULIC SYMBOL**

**VALVE SPECIFICATIONS**

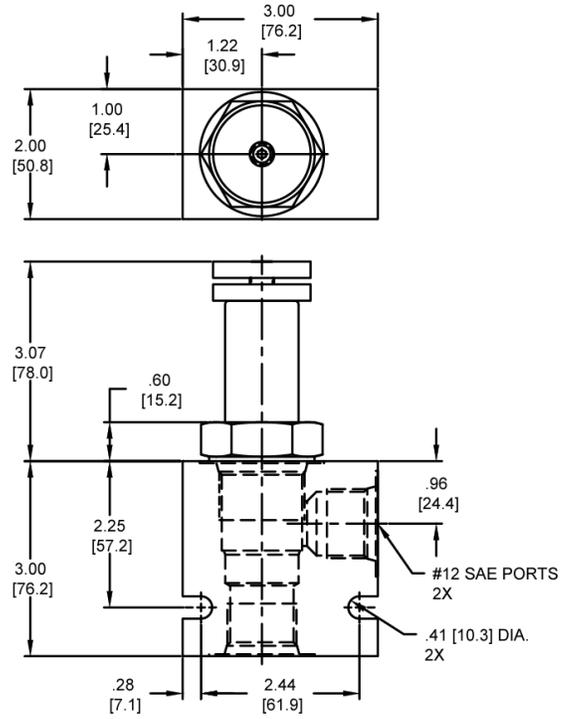
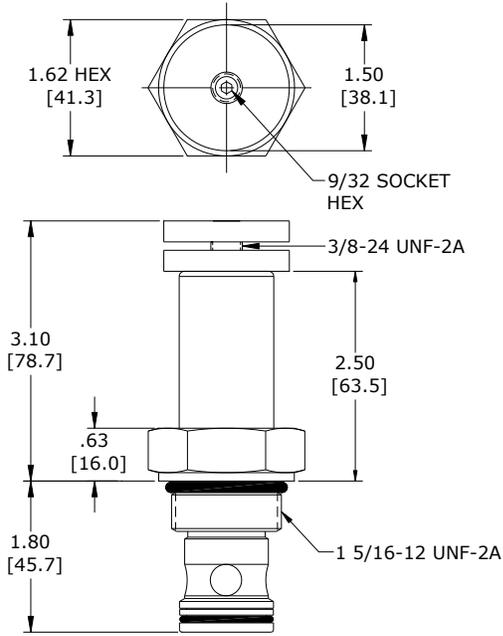
Nominal Flow	40 GPM (151 LPM)
Rated Operating Pressure	4200 PSI (290 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	1.13 lbs. (0.51 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	115 Ft-lbs (156 Nm)
Cavity	<a href="#">SIXTEEN 2W</a>
Cavity Form Tool (Finishing)	40500017
Seal Kit	21191400

**PERFORMANCE**

Actual Test Data (Cartridge Only)



**DIMENSIONS**



BODY WEIGHT: 1.29 lbs [59 kg]

**ORDERING INFORMATION**

<b>HSJ-RWR</b>		-	-	-	-
<b>OPTIONS</b>					
Buna Standard	<b>00</b>			Blank	
Viton Standard	<b>V0</b>			<b>N</b>	<b>BODIES</b>
Buna, Knob	<b>0K</b>			<b>S</b>	Without Body
Viton, Knob	<b>VK</b>				3/4 NPTF Ports
					#12 SAE Ports
			<b>4200</b>		<b>PRESSURE RANGE</b>
					1000 - 4200 PSI

Note: Aluminum **NOT** durability rated for 4200 PSI. Consult factory for body options.

**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.