

**SJ-FAR FULLY ADJUSTABLE FLOW CONTROL VALVE, PRESSURE COMPENSATED**
**DESCRIPTION**

16 size, 1 5/16 -12 thread, "Sixteen" series, pressure compensated, flow control valve.

**OPERATION**

The SJ-FAR maintains a constant flow rate out of (1) regardless of load pressure changes in the circuit downstream of (1).

The adjustable control orifice can be set to customer flow specification (see options for ranges).

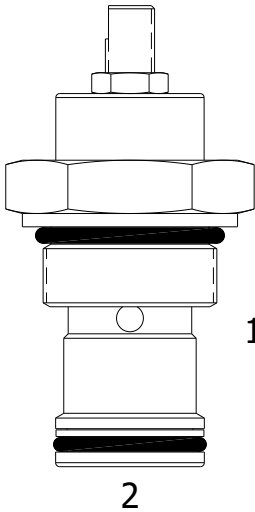
The valve begins to respond to load changes when the flow through the valve creates a pressure differential across the control orifice. Consult chart to see regulation at high and low adjustment settings.

Reverse flow (1) to (2) returns through the control orifice and is non-compensated.

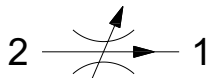
1 The regulated flow increases from low to high with counterclockwise rotation of the adjustment knob.

**FEATURES**

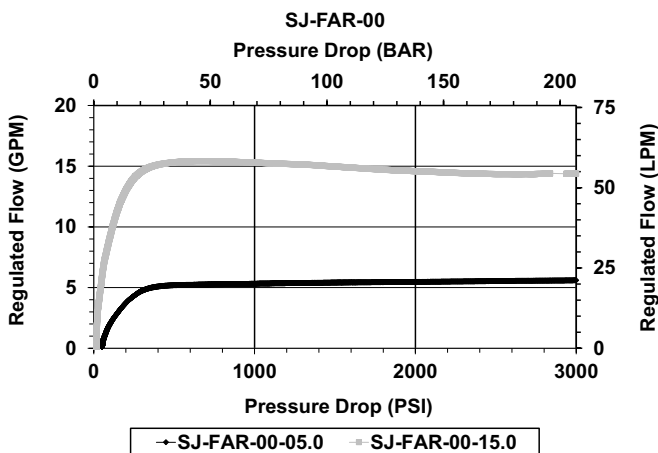
- Hardened parts for long life.
- Industry common cavity.
- Fine low-torque adjustment.



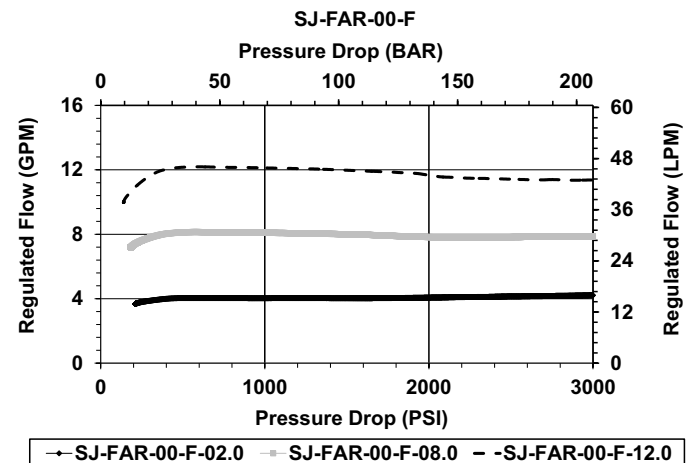
"Fully Adjustable," Valve can be adjusted down to leakage flow.

**HYDRAULIC SYMBOL**

**PERFORMANCE**

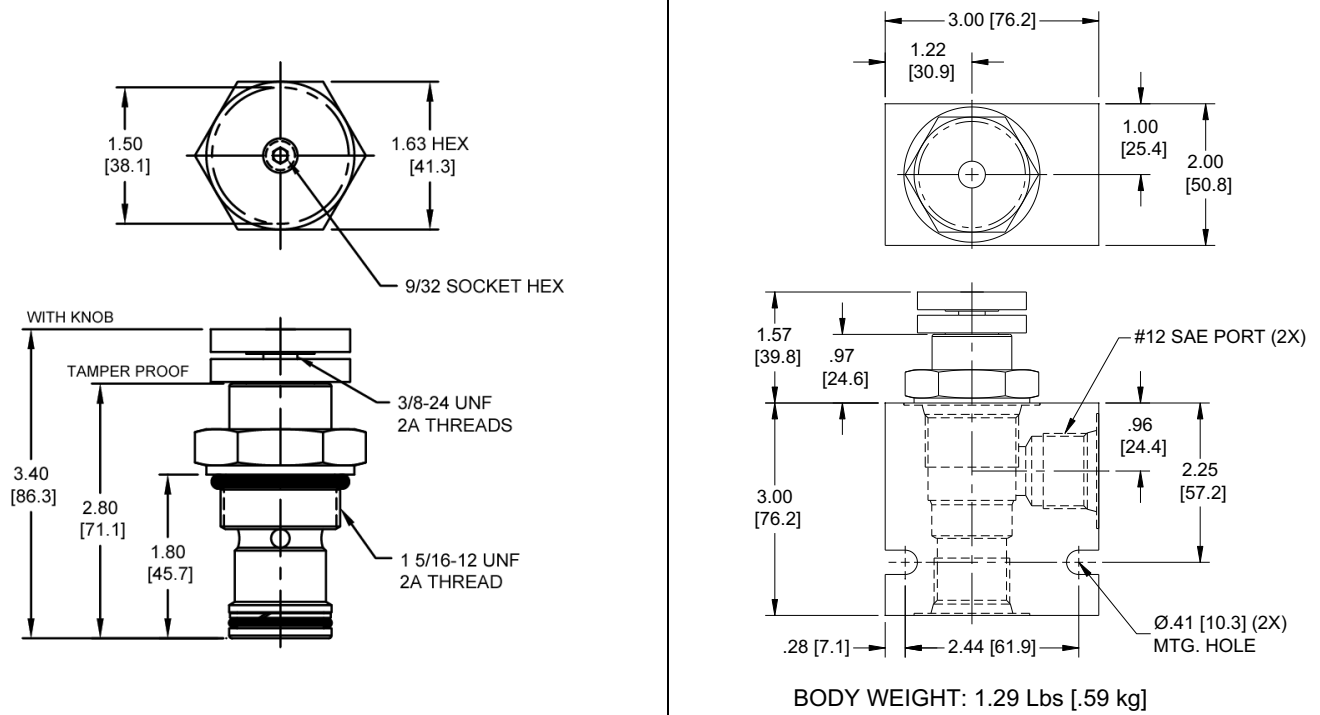
Actual Test Data (Cartridge Only)


**VALVE SPECIFICATIONS**

Nominal Flow	25 GPM (95 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	0.89 lbs. (0.40 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	90 ft-lbs (122 Nm)
Cavity	<a href="#">SIXTEEN 2W</a>
Cavity Form Tool (Finishing)	40500017
Seal Kit	21191400



**DIMENSIONS**



**ORDERING INFORMATION**

**SJ-FAR**

- OPTIONS**
- External Adj. w/locknut Buna **00**
  - External Adj. w/locknut Viton **V0**
  - Buna, Knob **0K**
  - Viton, Knob **VK**
  - Internally Adj. Buna **0I**
  - Internally Adj. Viton **VI**
  - Tamper Proof Buna **0T**
  - Tamper Proof Viton **VT**

**BLANK**  
**F**

**Blank**  
**S**  
**N**

**BODIES**  
Without Body  
#12 SAE Ports  
3/4 NPT Ports

**FLOW SETTING**

0-25 GPM  
Preset & tamper proof  
Example: 15.0 = 15 GPM +/- 10%

**STD. FLOW RANGES**

0 - 25 GPM - Full flow range  
0 - 12 GPM - Fine adjust low flow range