

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).

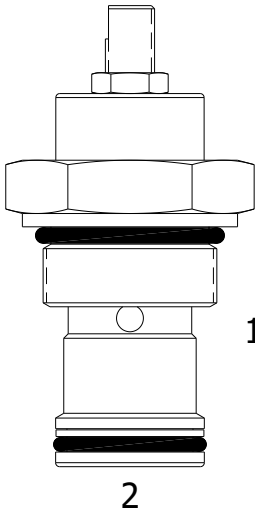
The valve begins to respond to load changes when the flow through the valve creates a pressure differential across the control orifice. Consult chart to see regulation at high and low adjustment settings.

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

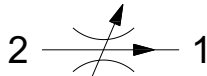
1 The regulated flow increases from low to high with counterclockwise rotation of the adjustment knob.

FEATURES

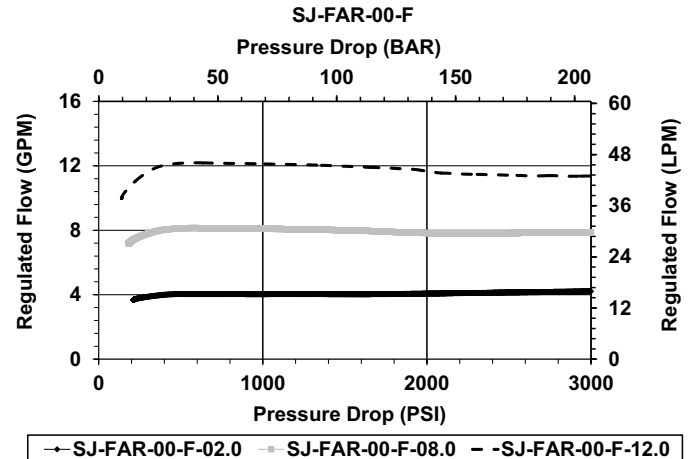
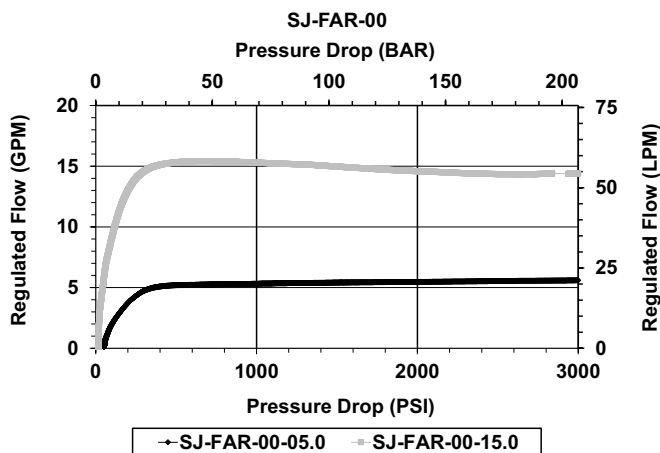
- Hardened parts for long life.
- Industry common cavity.
- Fine low-torque adjustment.

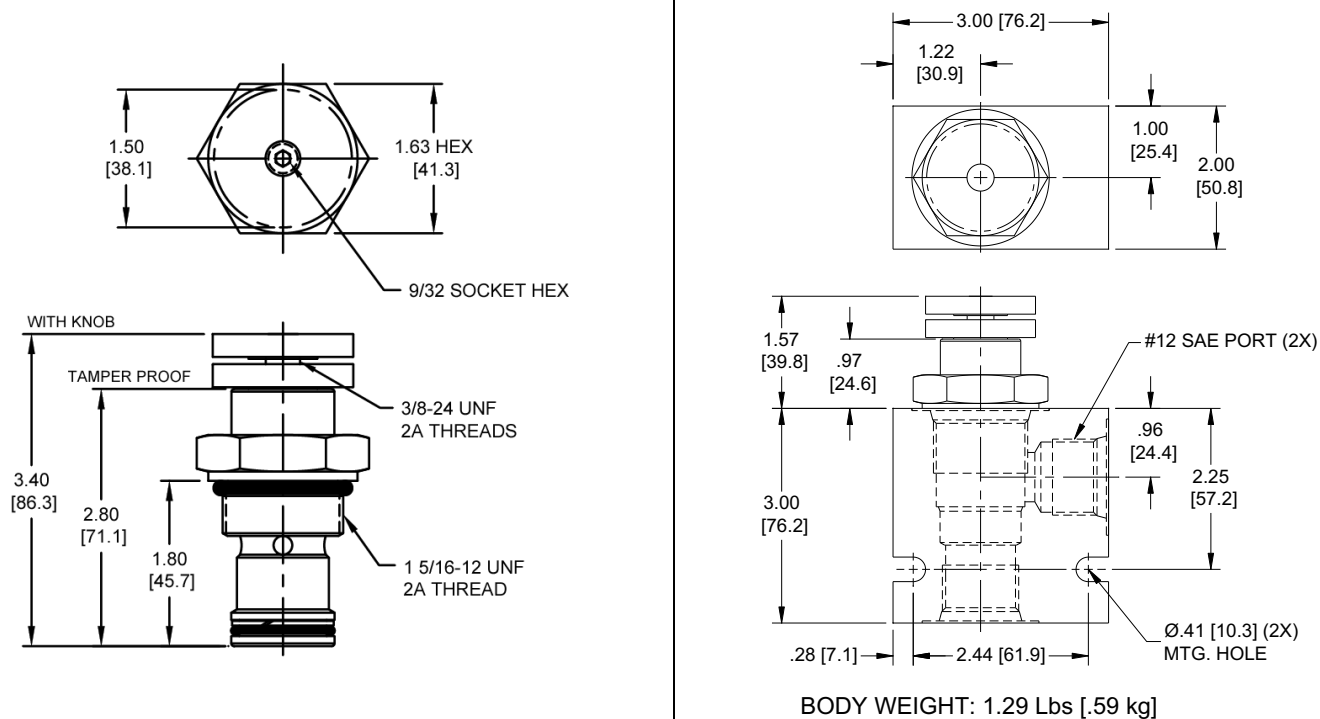


"Fully Adjustable," Valve can be adjusted down to leakage flow.

HYDRAULIC SYMBOL

PERFORMANCE

Actual Test Data (Cartridge Only)



DIMENSIONS

ORDERING INFORMATION

SJ-FAR							
OPTIONS				Blank		BODIES	
External Adj. w/locknut Buna	00			S		Without Body	
External Adj. w/locknut Viton	V0			N		#12 SAE Ports	
Buna, Knob	0K					3/4 NPT Ports	
Viton, Knob	VK						
Internally Adj. Buna	0I						
Internally Adj. Viton	VI						
Tamper Proof Buna	0T						
Tamper Proof Viton	VT						
				FLOW SETTING			
				0-25 GPM			
				Preset & tamper proof			
				Example: 0015 = 15 GPM +/- 10%			
				STD. FLOW RANGES			
				0 - 25 GPM - Full flow range			
				0 - 12 GPM - Fine adjust low flow range			

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.