

**HMA-NVA ADJUSTABLE FLOW CONTROL VALVE, NEEDLE TYPE**
**DESCRIPTION**

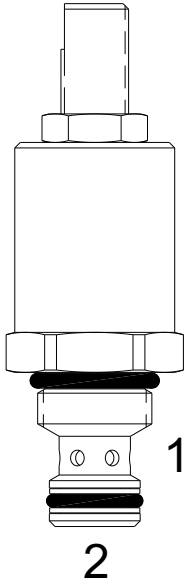
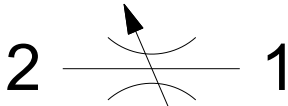
"High Pressure" 7 size, 5/8-18 thread, "Mini" series, needle flow control valve.

**OPERATION**

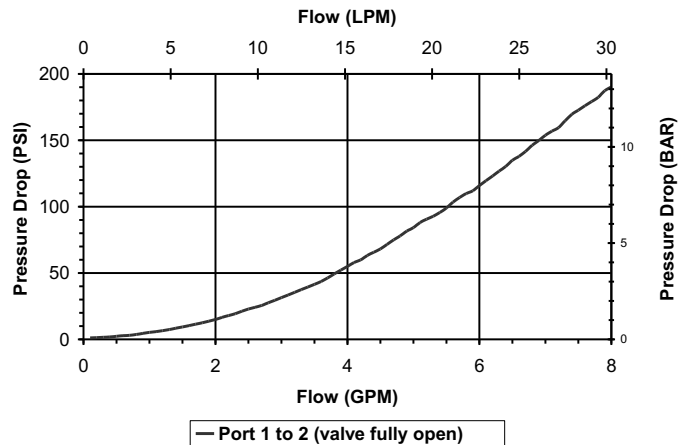
The HMA-NVA adjusts from fully open to fully closed by turning adjusting screw clockwise. When adjusted open the valve allows flow (1) to (2) and (2) to (1). When fully closed the valve blocks flow from (1) to (2) and (2) to (1).

**FEATURES**

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

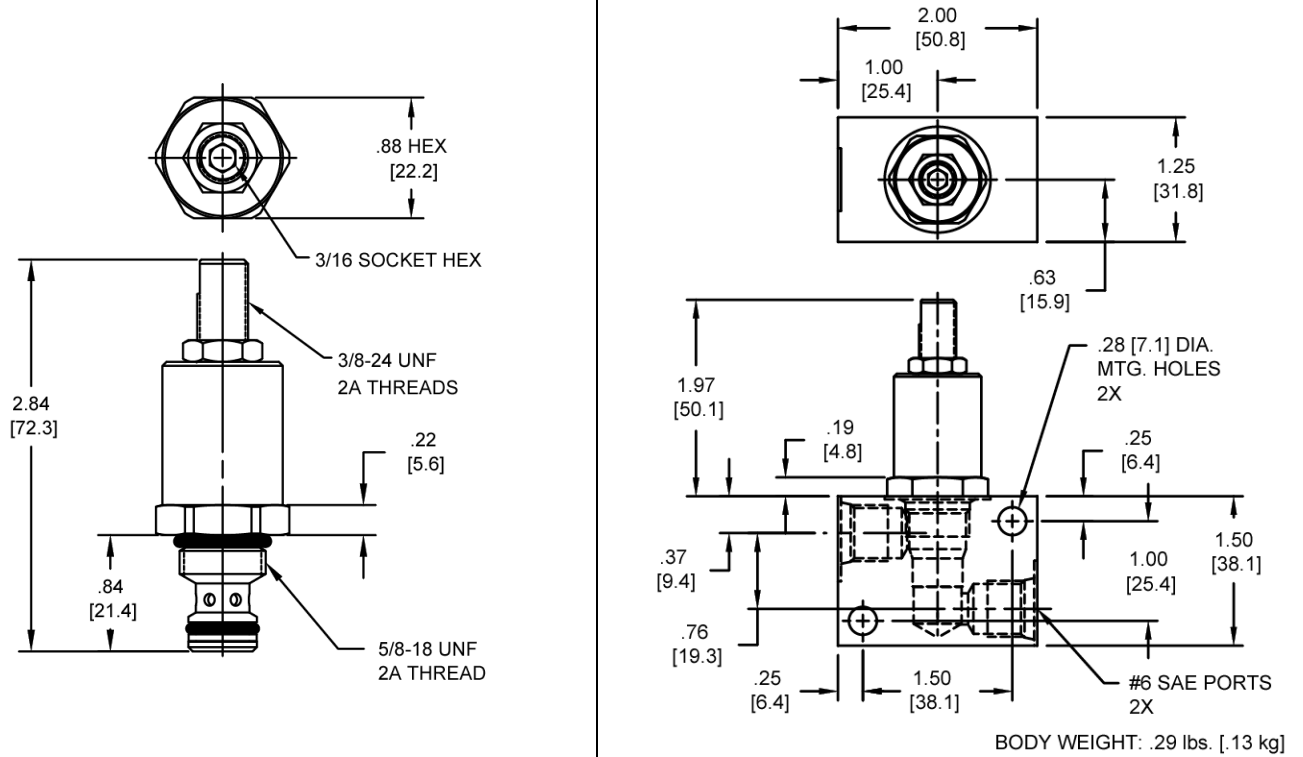

**HYDRAULIC SYMBOL**

**PERFORMANCE**

Actual Test Data (Cartridge Only)


**VALVE SPECIFICATIONS**

Nominal Flow	8 GPM (30 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	0.24 lbs. (0.11 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	15 ft-lbs (20.3 Nm)
Cavity	<a href="#">MINI 2W</a>
Cavity Form Tool (Finishing)	40500003
Seal Kit	21191202

**DIMENSIONS**



**ORDERING INFORMATION**

**HMA-NVA** - - -

<u>OPTIONS</u>			<u>BODIES</u>
Buna Standard	<b>00</b>	Blank	Without Body
Viton Standard	<b>V0</b>	N	1/4 NPTF Ports
Buna, Knob	<b>0K</b>	S	#6 SAE Ports
Viton, Knob	<b>VK</b>		

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.