

- > **Miniature size allows for easy installation and reduced footprints**
- > **Robust Poppet design provides exceptional product life**
- > **Closed Crossover design prevents unintended shifting**
- > **Choice of Toggle or push button for easy actuation**
- > **Panel mountable & Swivel Input port allows for easy installation**



### Technical features

#### Medium:

Compressed air, filtered, lubricated and non-lubricated

#### Operating Pressure:

0 to 125 psi

#### Operating Temperature

-20°F to 160°F

#### Materials:

Aluminum Anodized or Brass  
Electroless Nickel, Acetal, Stainless Steel, Nylon, Buna-N

#### Operation:

Manual Toggle or Push Button

#### Mounting

In-line or panel

#### Panel Mounting:

Nominal mounting hole dimension 31/64"

#### Port Size:

10-32, 1/8" NPT or 1/4PIF

#### Flow:

Cv = 0.23 Ports 1-2

Cv = 0.29 Ports 2-3

### Option selector

### NVA11-20-14

Actuator	Substitute	Output Port 2	Substitute
Push Button	A	1/8" NPT (F)	4
Momentary Toggle	F	1/4" PIF	6
Detented Toggle	H		
Series	Substitute	Input Port 1	Substitute
11 series	11	1/8" NPT / 10-32 (F)	1
		1/8" NPT (F)	4
		1/4" PIF	6
Function	Substitute	Position One	Substitute
2-way	2	Normally Closed	0
3-way	3		

## Technical data

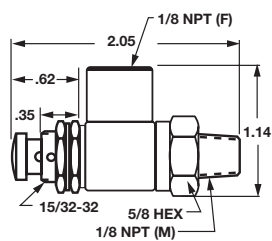
Model Number	Inlet Port Size Port 1	Outlet Ports Size Port 2 & 3*	Function	Actuation	Actuation Force	
					At 50 psi	At 125 psi
NVA11-20-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-20-16	1/8" NPT / 10-32 (F)	1/4" PIF	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-20-44	1/8"NPT (F)	1/8"NPT (F)	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-20-46	1/8"NPT (F)	1/4" PIF	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-20-64	1/4" PIF	1/8"NPT (F)	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-20-66	1/4" PIF	1/4" PIF	2/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVH11-20-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-20-16	1/8" NPT / 10-32 (F)	1/4" PIF	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-20-44	1/8"NPT (F)	1/8"NPT (F)	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-20-46	1/8"NPT (F)	1/4" PIF	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-20-64	1/4" PIF	1/8"NPT (F)	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-20-66	1/4" PIF	1/4" PIF	2/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVF11-20-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-20-16	1/8" NPT / 10-32 (F)	1/4" PIF	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-20-44	1/8"NPT (F)	1/8"NPT (F)	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-20-46	1/8"NPT (F)	1/4" PIF	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-20-64	1/4" PIF	1/8"NPT (F)	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-20-66	1/4" PIF	1/4" PIF	2/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVA11-30-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-30-16	1/8" NPT / 10-32 (F)	1/4" PIF	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-30-44	1/8"NPT (F)	1/8"NPT (F)	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-30-46	1/8"NPT (F)	1/4" PIF	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-30-64	1/4" PIF	1/8"NPT (F)	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVA11-30-66	1/4" PIF	1/4" PIF	3/2 Normally Closed	Push Button/Spring	3-1/2 lbs	7 lbs
NVH11-30-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	3/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-30-16	1/8" NPT / 10-32 (F)	1/4" PIF	3/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
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NVH11-30-46	1/8"NPT (F)	1/4" PIF	3/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-30-64	1/4" PIF	1/8"NPT (F)	3/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVH11-30-66	1/4" PIF	1/4" PIF	3/2 Normally Closed	Detented Toggle/Toggle	8 oz	14 oz
NVF11-30-14	1/8" NPT / 10-32 (F)	1/8"NPT (F)	3/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-30-16	1/8" NPT / 10-32 (F)	1/4" PIF	3/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-30-44	1/8"NPT (F)	1/8"NPT (F)	3/2 Normally Closed	Toggle/Spring	8 oz	14 oz
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NVF11-30-64	1/4" PIF	1/8"NPT (F)	3/2 Normally Closed	Toggle/Spring	8 oz	14 oz
NVF11-30-66	1/4" PIF	1/4" PIF	3/2 Normally Closed	Toggle/Spring	8 oz	14 oz

\*Port 3 vents to atmosphere

## Dimensions

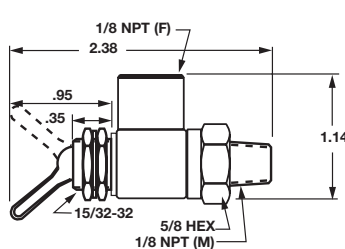
### Push Button Actuator

"-14" Porting



### Toggle Actuator

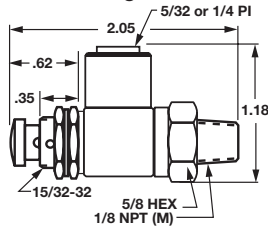
"-14" Porting



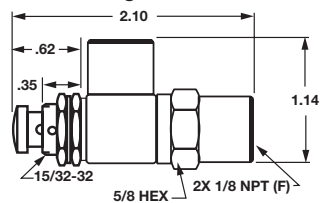
## Dimensions

### Push Button Actuator

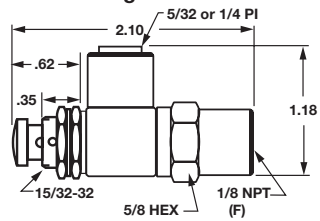
#### "-16" Porting



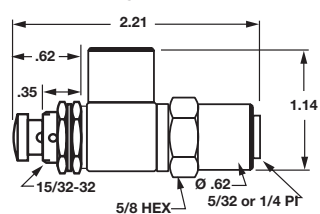
#### "-44" Porting



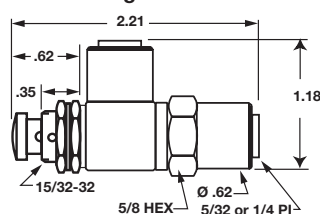
#### "-46" Porting



#### "-64" Porting

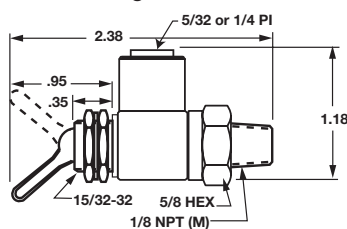


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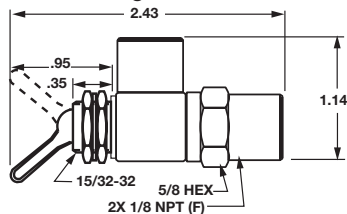


### Toggle Actuator

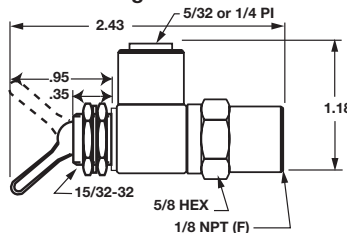
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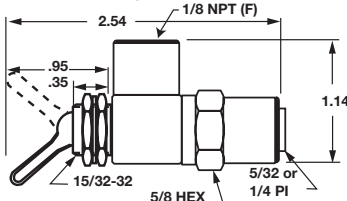
#### "-44" Porting



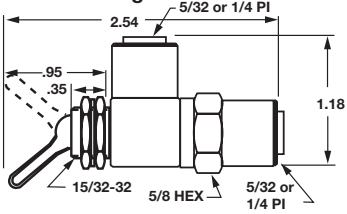
#### "-46" Porting



#### "-64" Porting



#### "-66" Porting



When design makes a dimension critical- contact factory for confirmation.

### Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

### Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

**Proposition 65:** These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.