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# Valve, 3-Way, Brass, 120V60Hz

## VSG-3531-G-HCC-A120

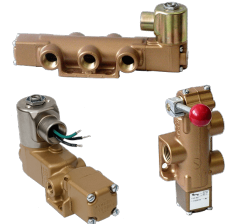


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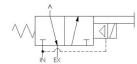
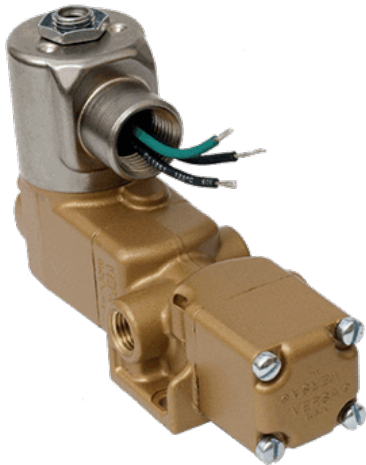


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## Description

### Versa V Series Directional Control Valve

The VERSA 1/2" brass V Series valves are suited for nearly all pneumatic directional control applications. The V Series is designed for trouble-

free performance even in the harshest environments. The integrity of design makes them adaptable to a maximum number of applications with a minimum number of components. This is possible through the modular approach to valve construction, which allows valve bodies and actuating devices to be interchanged end for end and valve for a valve in many cases. The modular approach to this valve design makes thousands of valve variations possible, allowing the customer to "build" his valve to fit his unique specifications.

## Product Features

- Constructed of forged brass for long-lasting, corrosion-resistant strength. Functions without fail when exposed to mud, water, salt, grime, oils and chemicals
- Buna-N/nitrile rubber o-ring seals perform reliably with oil, fuel, and other chemicals over broad temperature range

## Solenoid Features

- Solenoid coil connection: DIN Connector with 1/2" NPT female conduit

## 100% Leak Tested • 10-Year Warranty

## Specifications

|                            |                                |
|----------------------------|--------------------------------|
| Actuation                  | Solenoid-Pilot   Spring Return |
| Function                   | 3-way, 2-pos, NC               |
| Port Size                  | Manifold Mount 1/2"            |
| Valve Pressure Range (PSI) | 40-175 psi                     |
| Valve Pressure Range (BAR) | 2.76-12.1 bar                  |
| Primary Flow               | 4.0 Cv                         |
| Media                      | Air - Inert Gas, Natural Gas   |
| Temperature Range (F)      | -4°F to 104°F                  |
| Temperature Range (C)      | -20°C to 40°C                  |
| Body & Internal Parts      | Brass                          |
| Weight                     | 4.030000                       |

## Solenoid Specifications

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|                           |   |
|---------------------------|---|
| Solenoid Description      | GP - E Class HC Option                  |
| Voltage                   | 120 V 60 Hz $\pm$ 10% (A120)            |
| Power                     | 12 VA                                   |
| Inrush Current (mA)       | 127                                     |
| Holding Current (mA)      | 98                                      |
| Resistance $\Omega$       | 647                                     |
| Ingress Protection Rating | IP65                                    |
| Electrical Protection     | Not applicable                          |
| Area Classification       | General purpose                         |
| Coil Class                | Std                                     |
| Solenoid Housing Material | Engineered Polymer                      |
| Solenoid Seal Material    | Buna                                    |
| Solenoid Connection       | Din Connector (1/2" NPT female conduit) |
| Manual Override Type      | Override, guarded, non-locking          |

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