



22 Spring Valley Rd.
Paramus, NJ 07652
(201) 843-2400
sales@versa-valves.com

Valve, 3-Way, SST, 24VDC

CAG-3321-316-356BN-XXG-D024

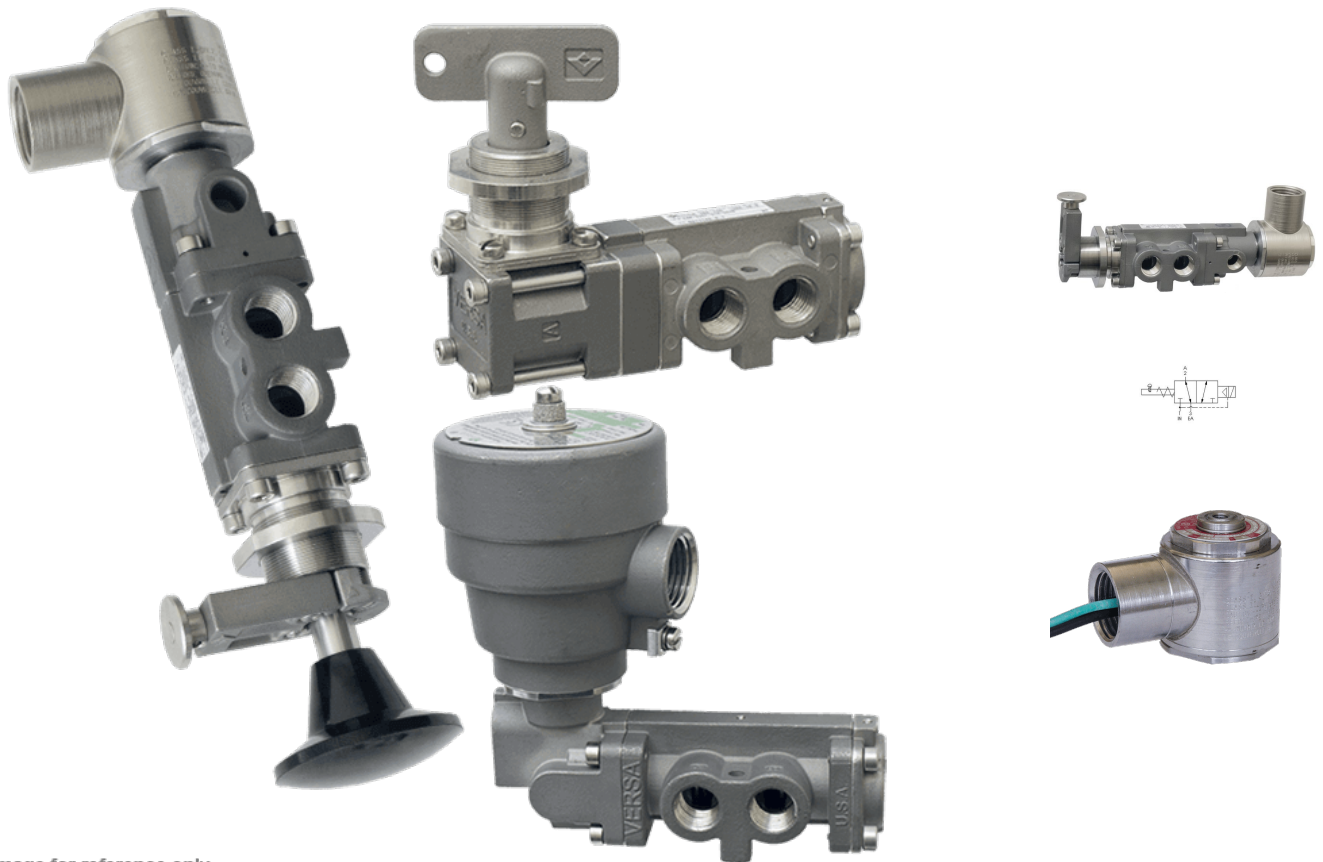


Image for reference only.
May not reflect actual product configuration.

© 2018 Versa Products Co., Inc.

Description

C-316 Series Directional Control Valve

The VERSA C-316 Series stainless steel valve is available as either a 4-way, for double-acting devices or a 3-way, for spring return devices. All

solenoid actuators are solenoid/pilot type, which allows the use of the smallest solenoids available, resulting in low power consumption. This design also assures a positive shifting force, which ensures the valve shifts when energized and reduces the chance of coil burnout.

Product Features

- Constructed of SAE 316L marine grade stainless steel conforming to NACE standard MR-01-75 suitable for direct exposure to sour environments
- FKM o-ring seals perform reliably with exposure to hydrocarbons or highly corrosive fluids over a broad temperature range: equivalent to Viton®, Fluorel®

Solenoid Features

- Solenoid coil connection: 1/2" NPT female conduit with 24" wires

100% Leak Tested • 10-Year Warranty

Specifications

| | |
|----------------------------|---|
| Actuation | Solenoid-Pilot Latch-Reset (Shift Away From Latch Side Latches) |
| Function | 3-way, 2-pos, NC |
| Port Size | Body Ported, 1/4" NPT |
| Valve Pressure Range (PSI) | 25-120 psi |
| Valve Pressure Range (BAR) | 1.72-8.27 bar |
| Primary Flow | 2.0 Cv |
| Media | Air - Inert Gas, Hydraulic, Natural Gas |
| Gas Temperature Range (F) | -4°F to 194°F |
| Gas Temperature Range (C) | -20°C to 90°C |
| Dust Temperature Range (F) | -4°F to 194°F |
| Dust Temperature Range (C) | -20°C to 90°C |
| Body & Internal Parts | 316L Stainless Steel |
| Weight | 1.940000 |

Solenoid Specifications

| | |
|---------------------------|---|
| Solenoid Description | Hazloc- E5 Class |
| Voltage | 24 V DC ±10% (D024) |
| Power | 1.8 W |
| Inrush Current (mA) | 77 |
| Holding Current (mA) | 77 |
| Resistance Ω | 312 |
| Ingress Protection Rating | NEMA 1,2,3 |
| Electrical Protection | Not applicable |
| Area Classification | Cl I, Grps C,D - Cl II, Grps E,F,G - Cl I, Div 2, Grps A,B,C,D - Cl II, Div 2, Grps E,F,G |
| Coil Class | Std |
| T Rating (Gas) | 4 |
| T Rating (Dust) | 4 |
| Solenoid Housing Material | Enhanced Corrosion Resistant Stainless Steel |
| Solenoid Seal Material | FKM |
| Solenoid Connection | 1/2" NPT female conduit with 24" wires |
| Certification | cULus |

This spec sheet is intended for informational purposes only and while VERSA strives for accuracy, same does not constitute a warranty or guarantee, express or implied, regarding any products or services described herein. VERSA reserves the right to amend its product designs, details, specifications, and other information at any time without prior notice. VERSA also publishes information on its website at [VERSA-Valves.com](https://www.versa-valves.com) and information can be sought by contacting customer service at 201-843-2400 option 3, or emailing to sales@versa-valves.com.