



WWW.FLOCONX.COM | SALES@FLOCONX.COM | VENTAS@FLOCONX.COM

Popular Versa Solenoid Valve Guide for The Oil & Gas Industry

Listed below are "Popular Versa Valves". Versa offers a multitude of other Valves and Options to meet the applications specific needs. Find detailed technical information at www.versa-valves.com or contact factory 201-843-2400.

Common Brass Valves Used in the Oil & Gas Industry

Table with columns: Common Circuit, Function Description, Base Part Number Solenoid Actuated, Valve Body Material, Function, Port Size, Elastomer, Amb Temp Range, Low Watt Coil, Flow, Pressure Range Low Watt Coil. It details various configurations for fail closed and fail last position return actuators.

SIL CERTIFICATE AVAILABLE - SIL 3 CAPABLE

Common 316 Stainless Steel (ENP Brass 1 1/4 Way) Valves Used in the Oil & Gas Industry

Table with columns: Common Circuit, Function Description, Base Part Number Solenoid Actuated, Valve Body Material, Function, Port Size, Standard Elastomers, Amb Temp Range, Low Watt Coil, Flow, Pressure Range Low Watt Coil. Details configurations for stainless steel valves.

SIL CERTIFICATE AVAILABLE - SIL 3 CAPABLE

*Solenoid Suffix Option Package (Options may be used individually)

Table with columns: Combo Suffix, Suffix ID, Description. Lists various suffix options for solenoid valves such as -LA, -D14, -PC, -XX, etc.

Body Suffix Option Package (Options may be used individually)

Table with columns: Combo Suffix, Suffix ID, Description. Lists various body suffix options for solenoid valves such as -S, -155, -JXFA, etc.

Common DIRECT Acting Valves Used in the Oil & Gas Industry

Table with columns: Part Number, Function, Valve Body Material, Solenoid Housing, Port Size NPT, Flow Cvr. In - Cyl / Ex - Pressure Range, Coil, Wattage, Haz Loc Sol Opts. Included, Wire Leads, Max Hydraulic Pressure. Details direct acting valve specifications.

Hazardous Location Solenoids

Table with columns: Suffix Detail Option, Classification, North American Certification, Suffix Detail Option. Details hazardous location certification requirements and options.

World Solenoid North American - ATEX-IECEx - INMETRO

Table with columns: Suffix Detail Prefix, Hazardous Location Standard, Hazardous Location Protection. Details hazardous location protection standards and options.

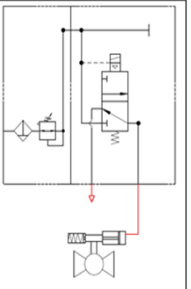
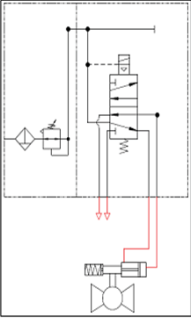
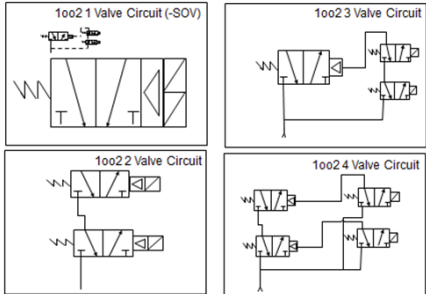
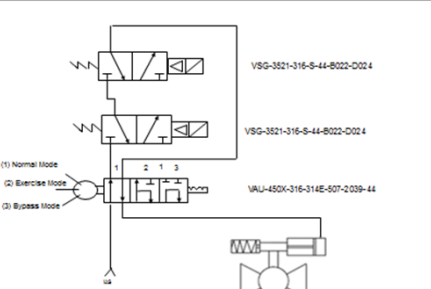
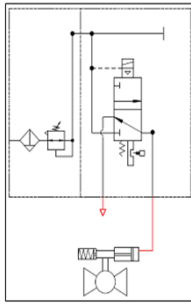
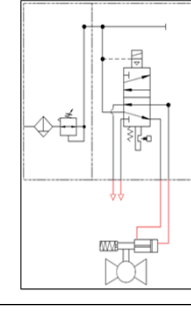
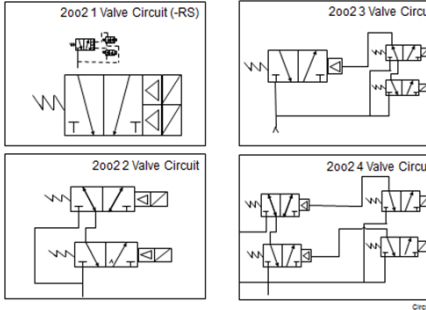
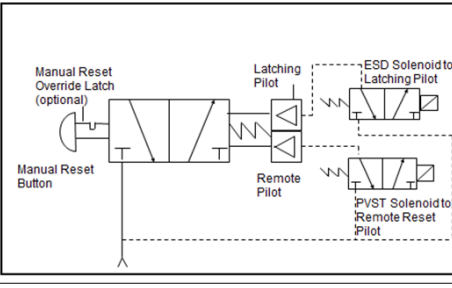
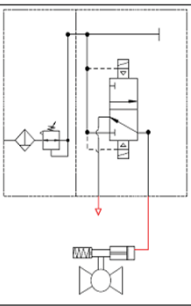
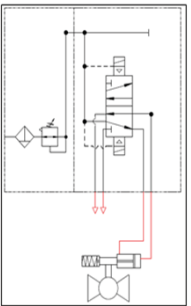
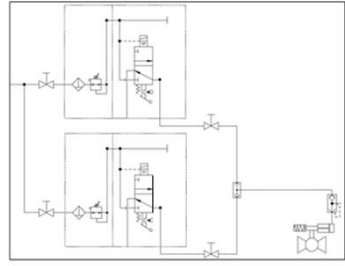
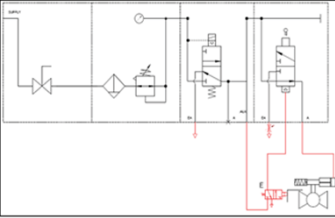
Table with columns: Description, Part Number, Description, Part Number, Description, Part Number, Description, Part Number. Lists accessories for the valves, including solenoid coils, seals, and manual reset devices.

Table with columns: Consult Factory for, Higher & Lower Pressure Range Options, Elastomer Options, Hydraulic Specification, Part numbers on sheet feature low temp option, Brass use -NGS in lieu of -NGST, Unique Valves Designed by Versa For Valve Automation, Remote Reset Latch. Provides additional technical notes and options.

Table with columns: Common Options, Other Actuating Device Codes, Suffix Details. Lists common options and other actuating device codes.



Common Valve Actuation Circuits with Popular Versa Valve Part Numbers for Severe Service Applications

Spring Return Actuator Circuits	Double Acting Actuator Circuits	Circuits to Improve Reliability	
<p>Fail Closed Circuit Spring Return Actuator</p>  <p>Valve Only Brass 1/4" VSG-3321-B109-NGS-D024 1/2" VSG-3521-B109-NGS-D024 1" VSG-3721-B109-NGS-D024 316 Stainless 1/4" CSG-3321-316-B022-D024 1/2" VSG-3521-316-B022-D024 1" VSG-3721-316-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" CA3-3321-1-XX-000153 1/2" VA5-22-3A11-XX-000158</p> <p style="text-align: right;">Circuit#81</p>	<p>Fail Closed Circuit Double Acting Actuator</p>  <p>Valve Only Brass 1/4" VSG-4322-B109-NGS-D024 1/2" VSG-4522-B109-NGS-D024 1" VSG-4722-B109-NGS-D024 316 Stainless 1/4" CSG-4322-316-B022-D024 1/2" VSG-4522-316-B022-D024 ENP Brass - Marine Service Trim 1" VSG-4722-MS3-55F-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" VA3-22-4A11-XX-000157 1/2" VA5-22-4A11-XX-000159</p> <p style="text-align: right;">Circuit#85</p>	<p>1oo2 (1 Out of 2) Circuit Options</p>  <p style="text-align: right;">Circuit#</p>	<p>1oo2 Solenoid Exercise & Bypass Circuit</p>  <p>(1) Normal Mode (2) Exercise Mode (3) Bypass Mode</p>
<p>Fail Closed Circuit Spring Return Actuator With Latching Manual Reset</p>  <p>Valve Only Brass 1/4" VAG-3321-3358-B109-NGS-D024 1/2" VAG-3521-3358-B109-NGS-D024 1" VAG-3721-3358-B109-NGS-D024 316 Stainless 1/4" CAG-3321-316-358BN-B022-D024 1/2" VAG-3521-316-358E-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" CA3-3321-1-XX-000015 1/2" VA5-22-3A11-XX-000162</p> <p style="text-align: right;">Circuit#82</p>	<p>Fail Closed Circuit Double Acting Actuator With Latching Manual Reset</p>  <p>Valve Only Brass 1/4" VAG-4322-3358-B109-NGS-D024 1/2" VAG-4522-3358-B109-NGS-D024 1" VAG-4722-3358-B109-NGS-D024 316 Stainless 1/4" CAG-4322-316-358BN-B022-D024 1/2" VAG-4522-316-358E-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" VA3-22-4A11-XX-000161 1/2" VA5-22-4A11-XX-000163</p> <p style="text-align: right;">Circuit#86</p>	<p>2oo2 (2 Out of 2) Circuit Options</p>  <p style="text-align: right;">Circuit#8</p>	<p>Latching Manual Reset with Remote Reset for PVST</p>  <p>Manual Reset Override Latch (optional) Manual Reset Button Latching Pilot Remote Pilot ESD Solenoid to Latching Pilot PVST Solenoid to Remote Reset Pilot</p>
<p>Fail Last Position Spring Return Actuator</p>  <p>Valve Only Brass 1/4" VGG-3321-B109-NGS-D024 1/2" VGG-3521-B109-NGS-D024 1" VGG-3721-B109-NGS-D024 316 Stainless 1/4" CGG-3321-316-B022-D024 1/2" VGG-3521-316-B022-D024 1" VGG-3721-316-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" CA3-3321-1-XX-000017 1/2" VA5-22-3A11-XX-000178</p> <p style="text-align: right;">Circuit#83</p>	<p>Fail Last Position Double Acting Actuator</p>  <p>Valve Only Brass 1/4" VGG-4322-B109-NGS-D024 1/2" VGG-4522-B109-NGS-D024 1" VGG-4722-B109-NGS-D024 316 Stainless 1/4" CGG-4322-316-B022-D024 1/2" VGG-4522-316-B022-D024 ENP Brass - Marine Service Trim 1" VGG-4722-MS3-55F-B022-D024</p> <p>Regulator Only 1/4" ARFA-3311-316-GAG 1/2" ARFA-5311-316-GAG</p> <p>Regulator-Valve & Mtg. Bracket Assembly 1/4" VA3-22-4A11-XX-000177 1/2" VA5-22-4A11-XX-000179</p> <p style="text-align: right;">Circuit#84</p>	<p>Redundant V-MAP</p> 	<p>Partial Valve Stroke Example</p>  <p>V-MAP 1/4" SOH MSCZ-2-316-VA-VB ARFA-3311-316-GAG-VA VSG-3521-316-B022-VA5-DK2 4 VPS-3502-2-316-VA-VB-3 14E29 4 EOH</p> <p>V-MAP 1/2" SOH MSCZ-2-316-VA-VB ARFA-3311-316-GAG-VA VSG-3521-316-B022-VA5-DK2 4 VPS-3502-2-316-VA-VB-3 14E29 4 EOH</p>