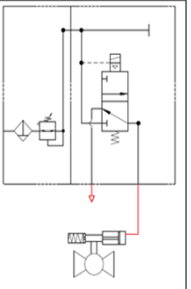
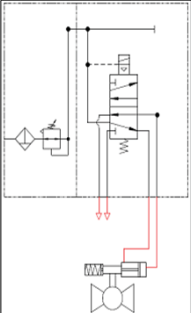
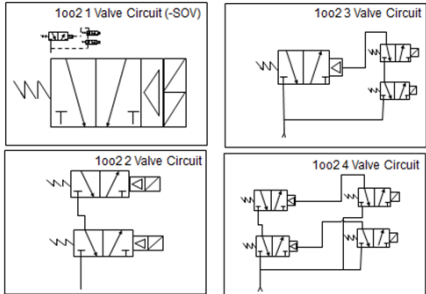
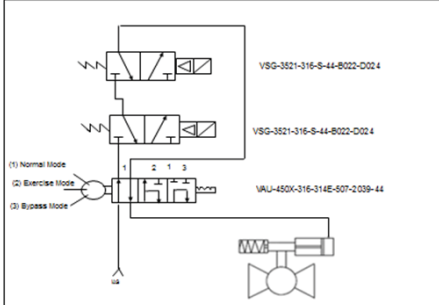
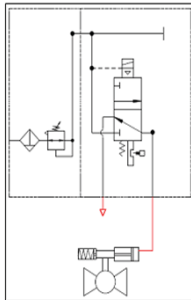
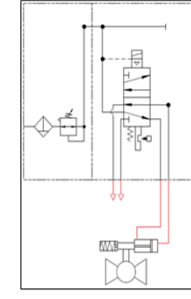
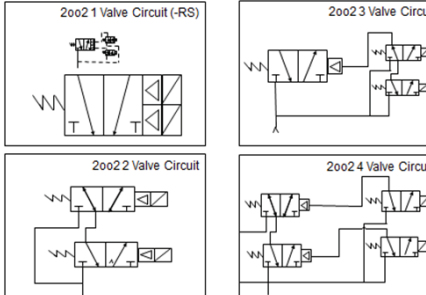
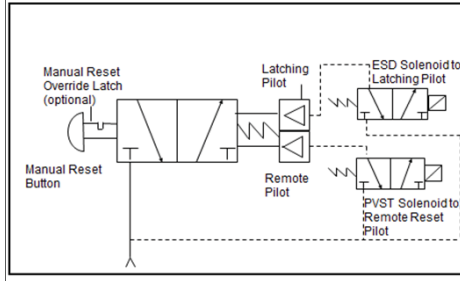
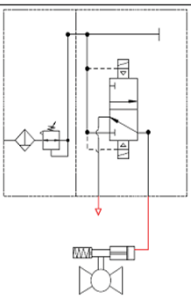
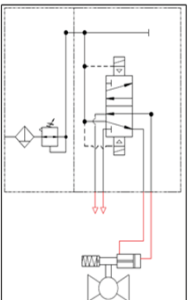
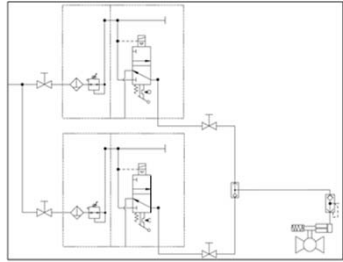
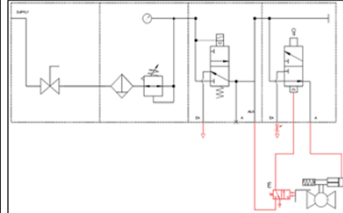


Common Valve Actuation Circuits with Popular Versa Valve Part Numbers for Severe Service Applications

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 style="text-align: right;">Circuit#</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-3521-316-358BE-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-4522-316-358BE-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#</p>	<p>Latching Manual Reset with Remote Reset for PVST</p>  <p style="text-align: right;">Circuit#</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 style="text-align: right;">Circuit#</p>	<p>Partial Valve Stroke Example</p>  <p>V-MAP 1/4" SOH MS2C-2-16-VA-VB ARFA-3311-316-GAG-VA VSG-3521-316-B022-VA5-DK2 4 VPS-3502-2-16-VA-VB-3 14E29 4 EOH</p> <p>V-MAP 1/2" SOH MS2C-2-16-VA-VB ARFA-3311-316-GAG-VA VSG-3521-316-B022-VA5-DK2 4 VPS-3502-2-16-VA-VB-3 14E29 4 EOH</p> <p style="text-align: right;">Circuit#</p>