**SERIES V BALL VALVE**

**SERVICE:** Chilled/Hot Water - 50% Glycol  
Steam: 125 psi  

**FLOW CHARACTERISTIC:** Equal %  

**SIZES:** 1” - 6”  

**BODY:** Carbon Steel / Stainless Steel Optional  
**BALL:** 304SS  
**SHAFT:** 304SS  
**SEAT:** TFM 1700  
**O-RING:** ALFAS  
**BEARING:** PEEK  

**TEMPERATURE RANGE:** -20°F to 400°F  
**CLOSE OFF:** 250 PSI  

**END CONNECTIONS:**  
1” - 2” : NPT/Wafer ANSI 150/300  
3” - 6” : ANSI 150 Flanged or ANSI 300 Flanged  

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**DAMPER ACTUATORS**

**NEMA 2 PROTECTION**  
**POWER SUPPLY:** 24VAC ± 20% 50/60Hz  
24VDC ± 10%  

**TEMPERATURE RANGE:** -5°F to +125°F  
**RUNTIME:** 75 to 150 sec  

**POWER CONSUMPTION**  

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDE161.1P</td>
<td>3.3VA</td>
</tr>
<tr>
<td>GLB161.1P</td>
<td>3.3VA</td>
</tr>
<tr>
<td>GEB161.1P</td>
<td>5VA</td>
</tr>
<tr>
<td>GIB161.1P</td>
<td>8VA</td>
</tr>
<tr>
<td>GMA161.1P</td>
<td>5VA / 3.5W</td>
</tr>
<tr>
<td>GCA161.1P</td>
<td>7VA / 5W</td>
</tr>
</tbody>
</table>

**POWER CONNECTION**  
1/2” CONDUIT TO 3’ CABLE (18 GA)

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### MODULATING NON-SPRING RETURN ACTUATORS

<table>
<thead>
<tr>
<th>Inch</th>
<th>DN (MM)</th>
<th>Body</th>
<th>Cv 75°</th>
<th>Cv 90°</th>
<th>VSI PN</th>
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</thead>
<tbody>
<tr>
<td>1”</td>
<td>25</td>
<td>150/300</td>
<td>24</td>
<td>31</td>
<td>V-1/GDE161.1P</td>
</tr>
<tr>
<td>1.5”</td>
<td>40</td>
<td>150/300</td>
<td>55</td>
<td>73</td>
<td>V-1.5/GLB161.1P</td>
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<tr>
<td>2”</td>
<td>50</td>
<td>150/300</td>
<td>77</td>
<td>96</td>
<td>V-2/GE161.1P</td>
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<tr>
<td>3”</td>
<td>80</td>
<td>150</td>
<td>207</td>
<td>270</td>
<td>V-3/GIB161.1P</td>
</tr>
<tr>
<td>4”</td>
<td>100</td>
<td>150</td>
<td>350</td>
<td>529</td>
<td>V-4/GIB161.1PX2</td>
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### MODULATING SPRING RETURN ACTUATORS

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<th>Cv 75°</th>
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**DIMENSIONAL INFORMATION**

**MODULATING SIEMENS DAMPER ELECTRIC ACTUATORS**

**1” - 4” HIGH PERFORMANCE SEGMENTED BALL VALVES**

**3”, 4” & 6” VALVES**

**1”, 1.5” & 2” VALVES**

<table>
<thead>
<tr>
<th>VALVE SIZE</th>
<th>INCH</th>
<th>DN</th>
<th>ACTUATOR</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>I</th>
<th>J</th>
<th>BCD</th>
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</tr>
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<td>65</td>
<td>GDE161.1P</td>
<td>127 (5)</td>
<td>65 (2.56)</td>
<td>101 (3.98)</td>
<td>180.55 (7.11)</td>
<td>163.20 (6.43)</td>
<td>1” NPT</td>
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<td>73.2 (2.88)</td>
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<td>110 (4.33)</td>
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<td>130 (5.12)</td>
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