Modular Electric Valve

Valco Melton’s EcoStitch™ electric valve is suitable for applications requiring high line speeds, fast cycle rates, and long service life. The EcoStitch™ valve easily reaches 3000 cycles per minute continuous duty and has a cycle lifetime of up to 300,000,000 cycles. Reduce adhesive usage up to 75% and receive instant ROI with payback in as little as four months. Additionally, you get the following features with this eco-conscious valve:

- An integrated filter in the manifold
- Unique modular design for easy change-outs and variable valve configurations
- Stroke adjustment for precise bead width and valve performance
- The Top Down adhesive path and electromagnetic coil allow for low pressure and large orifice size that virtually eliminates nozzle plugging potential.
- Accurate adhesive patterns at high speeds
- A ceramic seat and carbide-tipped plunger provide an extremely long life.
- The speed and ceramic materials in the EcoStitch create an extreme closure that pushes out and pulverizes any char or debris that comes through the valve, promoting a self-cleaning action.

Recommended controls include the MCS Series or MCP Series

The "quick-connect" coil allows for easy change-outs and variable valve configurations

The EcoStitch™ comes standard with an integrated filter in the manifold
Valco Melton’s range of application products offer a complete selection of hot melt components and support equipment:

- RTD hot melt hoses
- Manual and automatic dispensing valves
- Nozzle and applicator styles
- Mounting bracket packages
- Solid-state pattern control systems
- In-line filters
- Replacement parts for competitive systems
- High-performance hot melt adhesives

EcoStitch™ Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Coil Resistance</td>
<td>8.5 ohms at room temp., 13.8 ohms at 177°C (350°F)</td>
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<tr>
<td>Valve Width</td>
<td>22 mm (0.860 in.)</td>
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<tr>
<td>Valve Height</td>
<td>155 mm (6.10 in.)</td>
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<tr>
<td>Mounting</td>
<td>12.70 mm (0.500 in.) round bar</td>
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<tr>
<td>Fluid Pressure</td>
<td>70 bar (1000 psi)</td>
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<tr>
<td>Life Cycle</td>
<td>300 million cycles</td>
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<tr>
<td>Max. Cycle rate</td>
<td>3,000 cycles/min continuous duty</td>
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<tr>
<td>Performance</td>
<td>0.20 in. (5.0 mm) pattern with a 0.20 in. (5.0mm) skip at 500 fpm</td>
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For more information, visit http://delivr.com/2c2yr or contact your local Valco Melton representative.

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