TOP-FLO® SV2 Sample Valve

Stainless Steel Flow Control Equipment for the
Food, Beverage, Dairy, Cosmetics, Pharmaceutical,
Biotechnology, and Electronics Processing Industries

www.toplineonline.com
TOP-FLO® SV2 Sample Valves

TOP-FLO® SV2 sample valves are specially engineered to be the finest in the industry and incorporate many features and benefits not found on other sampling valves. TOP-FLO® SV2 sampling valves come standard with minimal internal deadleg area designed into each valve, keeping hold up volume to a minimum for accurate samples every time. Right Angle and In-Line models available from stock in sizes 1/2” - 6” in a variety of inlet/outlet connections.

Right Angle Type Standard Features

- 316L SS wetted part construction
- Standard finish: 20Ra ID (SF1) - 32Ra OD
- Replaceable tapered FDA/USP class VI, PTFE stem for positive closure
- FDA/USP class VI, FKM O-ring stem seal
- Positive open stop to prevent accidental stem removal during operation
- Fully autoclaveable without disassembly
- Thermoplastic black operator nut
- Full material traceability

Right Angle Type Optional Features

- Upgraded internal finish to 20Ra W/EP (SF5) or 15Ra W/EP (SF4)
- Other material grades available upon request
- FDA/USP class VI, EPDM O-ring stem seal
- Alternative end connections upon request
- Eccentric

Right Angle Type Service Conditions

- Maximum operating temperature: 300°F
- Maximum operating pressure: 400 PSIG
- Maximum SWP: 35 PSIG SWP @ 280°F
## Right Angle

### PART NUMBER MATRIX

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MATERIAL</th>
<th>INTERNAL STEM</th>
<th>STEM O-RING</th>
<th>MAIN VALVE CONNECTION</th>
<th>OUTLET CONNECTION</th>
<th>ID SURFACE FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV2 RIGHT ANGLE</td>
<td>6 316L</td>
<td>FDA/USP PTFE</td>
<td>E FDA/USP PTFE</td>
<td>1/2 CLAMP</td>
<td>A 1/4 HOSE BARB</td>
<td>SF1 20Ra</td>
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<td></td>
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<td></td>
<td>V FDA/USP FKM</td>
<td>3/4 CLAMP</td>
<td>B 3/8 HOSE BARB</td>
<td>SF4 15Ra W/EP</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>1 CLAMP</td>
<td>C 1/2 HOSE BARB</td>
<td>SF5 20Ra W/EP</td>
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<td>1-1/2 CLAMP</td>
<td>D 1/2 CLAMP</td>
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<td>2 CLAMP</td>
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<td>2-1/2 CLAMP</td>
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<td>3 CLAMP</td>
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<td>4 CLAMP</td>
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<td>6 CLAMP</td>
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</tbody>
</table>

### PART NUMBER EXAMPLE:

**SV26TV50ASF1**

*TOP-FLO® SERIES SV2 RIGHT ANGLE SAMPLE VALVE, 1/2" CLAMP INLET X 1/4" HOSE BARB OUTLET, FDA/USP PTFE STEM, FDA/USP FKM STEM O-RING, 20Ra ID (SF1), 316L SS*

### In-Line Type Features and Benefits

- 316L SS wetted part construction
- Standard finish: 20Ra ID (SF1) - 32Ra OD
- Replaceable tapered FDA/USP class VI, PTFE stem for positive closure
- FDA/USP class VI, FKM O-ring stem seal
- Positive open stop to prevent accidental stem removal during operation
- Fully autoclaveable without disassembly
- Thermoplastic black operator nut
- Full material traceability

### In-Line Type Options

- Upgraded internal finish to 20Ra W/EP (SF5) or 15Ra W/EP (SF4)
- Other material grades available upon request
- FDA/USP class VI, EPDM O-ring stem seal
- Alternative end connections upon request

### In-Line Type Service Conditions

- Maximum operating temperature: 300°F
- Maximum operating pressure: 400 PSIG
- Maximum SWP: 35 PSIG SWP @ 280°F

### Clamp Sizes

- 1/2" - 3/4" x HOSE BARB OUTLET
- 1" - 6" x HOSE BARB OUTLET
- 1/2" - 2-1/2" x 1/2" CLAMP OUTLET
- 3" - 4" x 1/2" CLAMP OUTLET
In-Line

In-Line Type Features and Benefits

- 316L SS wetted part construction
- Standard finish: 20Ra ID (SF1) - 32Ra OD
- Replaceable tapered FDA/USP class VI, PTFE stem for positive closure
- FDA/USP class VI, FKM O-ring stem seal
- Positive open stop to prevent accidental stem removal during operation
- Fully autoclaveable without disassembly
- Thermoplastic black operator nut
- Full material traceability

In-Line Type Options

- Upgraded internal finish to 20Ra W/EP (SF5) or 15Ra W/EP (SF4)
- Other material grades available upon request
- FDA/USP class VI, EPDM O-ring stem seal
- Alternative end connections upon request

In-Line Type Service Conditions

- Maximum operating temperature: 300°F
- Maximum operating pressure: 400 PSIG
- Maximum SWP: 35 PSIG SWP @ 280°F

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<thead>
<tr>
<th>PART NUMBER EXAMPLE: IN26TV50ASF1</th>
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<tbody>
<tr>
<td>TOP-FLO® SERIES IN2 IN-LINE SAMPLE VALVE, 1/2&quot; CLAMP INLET X 1/4&quot; HOSE BARB OUTLET, FDA/USP PTFE STEM, FDA/USP FKM STEM O-RING, 20Ra ID (SF1), 316LSS</td>
</tr>
</tbody>
</table>

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**CLAMP Sizes 1/2" - 3/4" x HOSE BARB OUTLET**

3.78

**CLAMP Sizes 1" - 6" x HOSE BARB OUTLET**

3.77
TOP-FLO® EV2 Sample Valves

Eccentric Type Standard Features
- 316L SS wetted part construction
- Standard finish: 20Ra ID (SF1) - 32Ra CD
- Replaceable tapered FDA/USP class VI, PTFE stem for positive closure
- FDA/USP class VI, FKM O-ring stem seal
- Positive open stop to prevent accidental stem removal during operation
- Fully autoclaveable without disassembly
- Thermoplastic black operator nut
- Full material traceability

Eccentric Type Optional Features
- Upgraded internal finish to 20Ra W/EP (SF5)
or 15Ra W/EP (SF4)
- Other material grades available upon request
- FDA/USP class VI, EPDM O-ring stem seal
- Alternative end connections upon request

Eccentric Type Service Conditions
- Maximum operating temperature: 300°F
- Maximum operating pressure: 400 PSIG
- Maximum SWP: 35 PSIG SWP @ 280°F

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<tr>
<td>EV2 EV2 ECCENTRIC RIGHT ANGLE S.V.</td>
<td>316L</td>
<td>T PTFE</td>
<td>FDA/USP PTFE</td>
<td>10 CLAMP</td>
<td>1/4 HOSE BARB</td>
<td>SF1 20Ra</td>
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<td>FDA/USP EPDM</td>
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<td>FDA/USP FKM</td>
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</tbody>
</table>

PART NUMBER EXAMPLE:
EV26TV15ASF1

TOP-FLO® SERIES EV2 ECCENTRIC RIGHT ANGLE SAMPLE VALVE, 1-1/2" CLAMP INLET X 1/4" HOSE BARB OUTLET, FDA/USP PTFE STEM, FDA/USP FKM STEM O-RING, 20Ra ID (SF1), 316LSS

CLAMP Sizes 1-1/2" - 6" x HOSE BARB OUTLET

CLAMP® Sizes 1-1/2" - 6" x 1/2" CLAMP OUTLET

3.25

1.50

2.098
Top Line is a leading supplier of sanitary stainless steel process equipment. Serving the food, beverage, dairy, pharmaceutical, biotechnological and personal care industries. For over 50 years we’ve provided our customers with exceptional customer service and quality products. We are committed to meeting the fastest delivery, new product development and application engineering to meet all our customer’s needs with our extensive inventory and expert sales team.

Top Line specializes in stainless steel materials – type 304 and 316L. Our modern, well equipped manufacturing facilities are staffed by skilled and dedicated craftsmen. Consistently meeting important tolerances and finish specifications is of primary concern to us. Before any products leave our plant they are subjected to rigid quality assurance checks.

Top Line should always be considered your first choice for both standard and custom fabricated stainless steel products.

Limited Warranty

Top Line Process Equipment Company products are warranted to be free of defects in material or workmanship for a period of one year from date of shipment. Warranty covers those Top Line products used in an approved installation and maintained in strict accordance with recognized standard industry practice. If, after properly authorized return, Top Line determines that products are defective, Top Line may at its option, repair or replace such defective products.

Top Line shall not be liable for consequential, indirect or incidental damages. The above warranty is in lieu of all other warranties, expressed or implied.