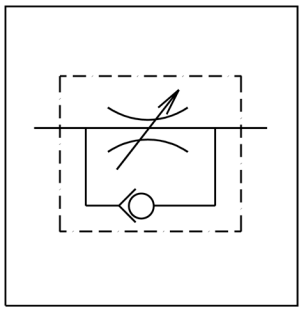
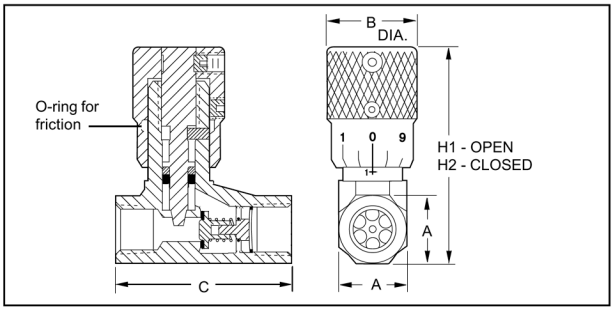
Micrometer Flow Control Valves

337 Series







General Information

The 337 Series Flow Control Valves meter flow in one direction and allow free flow in the reverse direction.

The 337 Series valves are manufactured with a fine tapered needle providing precise flow control, even at low flow rates. The perimeter of the adjustment knob features numerical micrometer position markings providing a visual indication of the setting. Once the desired flow is selected, a set screw can be tightened to maintain the setting.

Component Materials

- Body Material – Brass
- Needle – Stainless Steel
- Check Seal – Urethane
- Needle Seals – Buna N
  (Viton® optional – consult factory)
- Knob – Aluminum
- Spring – Stainless Steel
- Retainer – Beryllium Copper/Sst
- Set Screw – Steel

Operating Temperature

- Standard: 0° to 180°F

Model Selection and Dimensions

Port Size	Model	Singer Part Number	Dimensions				
			A	B	C	H1	H2
1/4"	00337 1001	**J0053A**	11/16"	0.75	1.47	2.28	2.03
3/8"	00337 1002	**J0054A**	7/8"	0.88	2.31	2.84	2.53
1/2"	00337 1003	**J0055A**	1-3/16"	1.06	3.25	3.62	3.22