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TECHNOLOGY GROUP

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3250 Series Flow Control Valves, 1/8" to 3/4" Ports

The "3250" Series Flow Control Valves are specifically designed to accurately meter the flow of air in one direction and allow free flow in the opposite direction. The "3250" Series Flow Control Valves are also suitable for low pressure hydraulic service.

When air is moving in the free flow direction through the valve, it forces the poppet off its seat and unrestricted air flow is permitted.

When air is moving in the metered direction through the valve, air pressure and the force of the poppet spring causes the poppet to close. Flow must then be through the orifice that is controlled by the metering screw. Opening this screw allows more flow; closing it, less flow.



Material Specifications

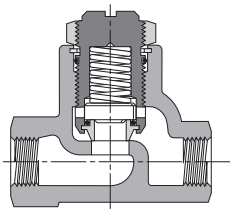
Body	Brass
Internal Components	Brass, Stainless steel
Seals	Buna N

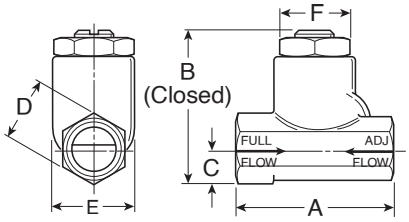
Operating information

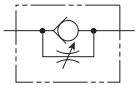
Operating pressure: 250 PSIG (Air)
250 PSIG (Hydraulic)

Operating temperature:
Standard: 0°F to 180°F
Extended: 0°F to 300°F

Valve will operate mounted in any position. Lock nut on metering screw prevents change in setting during operation.







3250 Flow Control Valves, 1/8" to 3/4" Ports – NPT

Port Size	Max. Flow (SCFM) Metered Direction	Free Flow Direction	A	B	C	D	E	F	Part Number
1/8"	70	60	1.75	1.56	0.37	0.62	0.81	0.68	**032500119**
1/4"	130	120	2.33	1.97	0.44	0.75	1.09	0.94	**032500219**
3/8"	220	205	2.66	2.44	0.56	1.00	1.38	1.19	**032500319**
1/2"	295	346	3.11	3.06	0.75	1.25	1.63	1.38	**032500419**
3/4"	420	615	3.56	3.69	0.88	1.50	2.00	1.75	**032500519**

3250 Flow Control Valves, 1/8" to 3/4" Ports – BSPP

Port Size	Max. flow (SCFM) Metered Direction	Free Flow Direction	A	B	C	D	E	F	Part Number
1/8"	70	60	1.75	1.56	0.37	0.62	0.81	0.68	**3250G0119**
1/4"	130	120	2.33	1.97	0.44	0.75	1.09	0.94	**3250G0219**
3/8"	220	205	2.66	2.44	0.56	1.00	1.38	1.19	**3250G0319**
1/2"	295	346	3.11	3.06	0.75	1.25	1.63	1.38	**3250G0419**
3/4"	420	615	3.56	3.69	0.88	1.50	2.00	1.75	**3250G0519**

☐ Most popular.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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