

- Compact size/low weight/ in-line units**
- High flow performance**
- Suitable for panel and wall mounting**
- Adjustment can be locked**
- Captive regulator needle will not blow out when unscrewed**
- Adjusting knob position line**



Technical data

Medium:

Compressed air, filtered,
lubricated or non-lubricated, inert
gases

Operating pressure:

15 to 145 psig (1-10 bar)
5 to 145 psig (0.3 to 10 bar) -M5

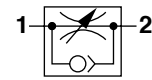
Operating temperature:

0° to 175°F* (-20° to 80°C)
*Consult our Technical Service for use
below 35°F (2°C)

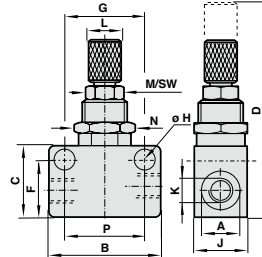
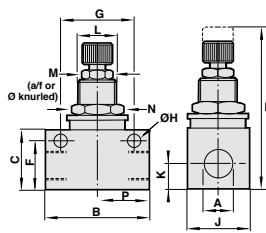
Materials

1/8, 1/4, 3/8, 1/2: Aluminum alloy
body, Nitrile seals, brass needle
and internal parts, external parts
in aluminum alloy.

M5: Aluminum alloy body, nitrile
seals and brass needle.



Model T1000^a and T1000C Model T1000M



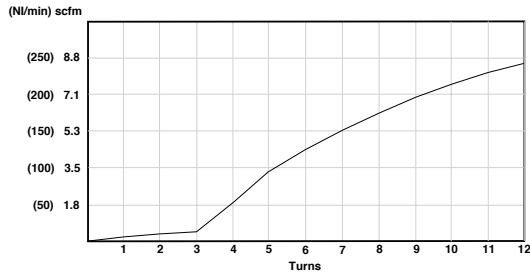
Model	Cv Regulating NPT port	Cv Free Flow NPT port	Weight grams oz. (g)
T1000M0500	0.07	0.07	0.0007 (.020)
T1000A1800	0.14	0.37	1.1 (31)
T1000A2800	0.32	0.69	2.0 (56)
T1000A3800	1.00	1.45	5.3 (150)
T1000A4800	1.60	1.90	6.3 (180)

Model	A	B	C	D	F	G	H	J	K	L	A/F M	N	P	Panel hole	Max panel thickness
T1000A1800	1/8 NPT	1.33	0.79	2.0	0.65	0.94	0.18	0.63	0.38	M12 x 1	0.39	0.55	0.67	0.49	0.16
T1000A2800	1/4 NPT	1.77	1.0	2.42	0.82	1.26	0.18	0.75	0.38	M14 x 1	0.39	0.67	0.89	0.57	0.16
T1000A3800	3/8 NPT	2.28	1.28	3.09	1.06	1.69	0.26	1.10	0.51	M20 x 1	0.39	0.94	1.14	0.81	0.16
T1000A4800	1/2 NPT	2.56	1.42	3.23	1.20	1.97	0.26	1.18	0.29	M20 x 1	0.39	0.94	1.28	0.81	0.16
T1000M0500	M5	0.98	0.59	1.77	0.47	0.70	0.17	0.47	0.21	M10x.75	0.31	0.47	0.49	0.41	0.15
T1000C1800	G1/8	1.33	0.78	2.0	0.64	0.94	0.17	0.62	0.31	M12 x 1	0.39	0.55	0.66	0.49	0.15
T1000C2800	G1/4	1.77	1.0	2.42	0.82	1.26	0.17	0.74	0.37	M14 x 1	0.39	0.66	0.88	0.57	0.15
T1000C3800	G3/8	2.28	1.27	3.9	1.06	1.69	0.25	1.1	0.51	M20 x 1	0.55	0.94	1.14	0.80	0.15
T1000C4800	G1/2	2.55	1.41	3.22	1.20	1.96	0.25	1.18	0.59	M20 x 1	0.55	0.94	1.27	0.8	0.15

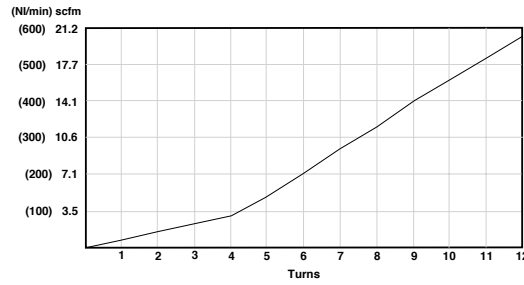
Dimensions in inches

Flow vs Turns at 90 psi (6 bar)

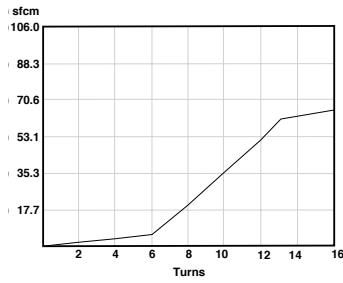
T1000A1800



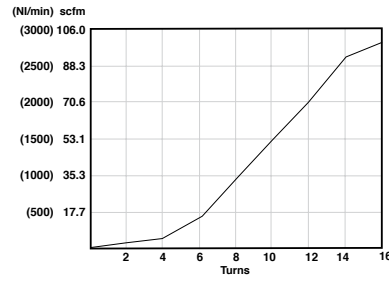
T1000A2800



T1000A3800



T1000A4800



T1000M0500 (M5)

