

Air Consumption for Pneumatic Actuators

Nº. 2003

Air Consumption is a function of the volume of the cylinder, the cycle time and the inlet air pressure. The table below covers the air consumption for our Aero2 and EZ-TORK pneumatic actuators. The air volume when opening and closing is specified in Liters (L).

Aero2 Pneumatic Actuator		
Model	Air Volume Opening (L)	Air Volume Closing (L)
20	0.12	0.16
35	0.21	0.23
50	0.30	0.34
75	0.43	0.47
110	0.64	0.73
160	0.95	0.88
225	1.00	1.40
400	2.50	2.20
500	3.70	3.20
550	5.90	5.40
600	7.50	7.50
650	11.00	9.00
700	17.00	14.00

EZ-TORK Pneumatic Actuator		
Model	Air Volume Opening (L)	Air Volume Closing (L)
32	0.03	0.04
50	0.09	0.15
65	0.19	0.32
75	0.30	0.50
85	0.44	0.66
95	0.88	1.17
110	0.83	1.27
125	1.41	2.13
140	1.76	2.72
160	2.85	4.08
190	4.75	7.20
210	6.60	10.29
240	11.40	15.10
270	15.8	18.8
300	19.09	28.23
350	27.65	44.1
400	42.81	62.05



Visit our website, www.SVF.net for information on our pneumatic actuators.