

**General Description:** Diaphragm accumulators provide an affordable means of enhancing the performance of a hydraulic system. They are suitable for storing energy under pressure, absorbing hydraulic shock, and dampening pump pulsation. Supplied with an M28 X 1.5 gas valve. Non-repairable design rated at minimum 4 to 1 design factors. Nitrile membrane provides excellent gas and fluid separation. Never exceed 8 to 1 compression ratio on 5 cubic inch through 85 cubic inch and 4 to 1 on 120 cubic inch and larger. Compression ratio (max. working pressure/precharge). Exceed 4 to 1 compression ratio.

**HYDRAULIC**

**DIAPHRAGM ACCUMULATORS**

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Gas Volume in Cubic In.	Gas Volume in Liters	Height (In.)	Diameter (In.)	Hydraulic Port Size	Max. Flow Rate (GPM)	Pressure Rating (PSI)	Part No. With M28 X 1.5 Gas Valve	Part No. With US Gas Valve	Weight (lbs.)
5	0.075	4.37	2.52	SAE#6	11	3600	AD007A25T1A1	AD007B25T1A1	1.4
10	0.16	4.72	2.95	SAE#6	11	3600	AD016A25T1A1	AD016B25T1A1	2.2
20	0.35	5.35	3.62	SAE #8	26	2300	AD032A16T1A1	AD032B16T1A1	2.9
30	0.50	5.87	4.06	SAE #8	26	2300	AD050A16T1A1	AD050B16T1A1	3.3
45	0.75	6.81	5.00	SAE #8	26	3600	AD075A25T1A1	AD075B25T1A1	7.1
60	1.00	7.09	5.35	SAE #8	26	2900	AD100A20T1A1	AD100B20T1A1	7.7
85	1.40	7.80	6.10	SAE #8	26	3600	AD140A25T1A1	AD140B25T1A1	13
120	2.00	9.88	6.10	SAE #8	42	3600	AD200A25T1A1	AD200B25T1A1	17
170	2.80	10.6	6.85	SAE #8	42	3600	AD280A25T1A1	AD280B25T1A1	22