

General Description: Bladder accumulators regulate hydraulic systems to ensure dependable, efficient performance and long life.

Applications: Storing energy under pressure, reduce pump size required, provide hydraulic pressure in case of emergency, absorbing hydraulic shocks, and dampening pump pulsation and flow fluctuations. Provides excellent gas and fluid separation, ensuring maximum efficiency.

Features:

- Chrome-molybdenum alloy steel (SA372) construction with forged ends to meet ASME standards.
- 1 gallon and larger sizes are ASME certified and fitted with 2-piece bladder stems with gas valve cartridge for easier service.
- 3000 PSI maximum pressure.

Temperature Range: Mineral oil -20° to +200°F, Water and water glycol: +32° to +200°F.

REPAIR KITS

General Description: Come with Buna N bladder, valve seal cap, seal kit, and gas core valve stem. Maintenance instructions for replacing the bladder and seals are also included.

Warning: Use an inert gas such as nitrogen for pre-charging piston or bladder accumulators. Do not use oxygen or shop air. Explosion could result.

HYDRAULIC

BLADDER ACCUMULATORS AND REPAIR KITS



Part No.	Repair Kit Part No.	Fluid Volume (gal.)	Gas Volume (cu. in.)	Height (in.)	Dia. (in.)	Inlet SAE (in.)
BA002B3T01A1	702928	0.25	66	11.13	4.50	SAE #12 (1-1/16-12)
BA01B3T01A1	702956	1.00	231	17.00	6.75	SAE #20 (1-5/8-12)
BA02B3T01A1	702970	2.50	556	21.38	9.06	SAE #24 (1-7/8-12)
BA05B3T01A1	702984	5.00	1124	33.38	9.06	SAE #24 (1-7/8-12)
BA10B3T01A1	702998	10.00	2097	54.38	9.06	SAE #24 (1-7/8-12)

Note: Install vertically at no more than a 25° slant, with the hydraulic port at the bottom.