

General Description: Provide excellent gas and fluid separation ensuring maximum efficiency. Reduce shock during rapid cycling applications by regulating the performance of the hydraulic system. Dished piston profile provides extra gas capacity and a greater usable volume of fluid. PTFE glide rings eliminate metal-to-metal contact between the tube and piston, reducing wear. Fitted with a standard design gas valve for ease of pre-charging.

Applications: Reduce pump size and energy consumption, absorb hydraulic shock, provide auxiliary hydraulic pressure, minimize pump pulsations, and provide pressure compensation for system leakage.

- Features:**
- Nitrile seals.
 - Threaded on both ends.
 - SAE hydraulic ports.
 - Standard gas valves.
 - Aluminum pistons with patented, 5 blade V-O ring.
 - 3000 PSI maximum pressure.

Temperature Range: Mineral oil -20° to +165°F, water and water glycol +32° to +165°F.

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.

REPAIR KITS

General Description: Rebuild accumulators and ensure that seals fit properly. V-O piston seal eliminates seal roll-over and ensures total separation of fluid and gas under the most severe conditions.

- Features:**
- Buna V-O-ring piston seals with two back-up washers.
 - Two PTFE rings.
 - Two end cap O-rings with two back-up washers.
 - One gas valve O-ring.

HYDRAULIC

PISTON ACCUMULATORS



Part No.	Repair Kit Part No.	Fluid Volume (gal.)	Gas Volume (cu.-in.)	Height (in.)	Dia. (in.)	Inlet SAE (in.)	System Connection SAE (in.)	Max. Flow GPM
A2N0029D1K	RK0200K000	0.13	30	14.19	2.38	1-1/16 - 12	SAE #12 (1-1/16-12)	100
A2N0058D1K	RK0200K000	0.25	59	23.19	2.38	1-1/16 - 12	SAE #12 (1-1/16-12)	100
A3N0058D1K	RK0300K000	0.25	63	14.34	3.56	1-1/16 - 12	SAE #12 (1-1/16-12)	220
A3N0116D1K	RK0300K000	0.50	121	22.56	3.56	1-1/16 - 12	SAE #12 (1-1/16-12)	220
A4N0116D1K	RK0400K000	0.50	126	16.19	4.75	1-5/8 - 12	SAE #20 (1-5/8-12)	397
A4N0231D1K	RK0400K000	1.00	241	25.19	4.75	1-5/8 - 12	SAE #20 (1-5/8-12)	397
A4N0347D1K	RK0400K000	1.50	357	34.31	4.75	1-5/8 - 12	SAE #20 (1-5/8-12)	397
A6N0231D1K	RK0600K000	1.00	266	17.38	6.88	1-7/8 - 12	SAE #24 (1-7/8-12)	818
A6N0578D1K	RK0600K000	2.50	613	30.63	6.88	1-7/8 - 12	SAE #24 (1-7/8-12)	818
A6N1155D1K	RK0600K000	5.00	1190	52.63	6.88	1-7/8 - 12	SAE #24 (1-7/8-12)	818
A6N2310D1K	RK0600K000	10.00	2345	96.63	6.88	1-7/8 - 12	SAE #24 (1-7/8-12)	818

Note: Mount vertically with hydraulic port down.