

ACCUMULATORS - BLADDER

HYDRAULICS



GENERAL INFORMATION

Tobul Bladder accumulators supply and maintain pressure for hydraulic systems in an effective, efficient and economical way.



APPLICATION

Bladder accumulators are a useful tool in many hydraulic applications. Principle uses include: maintaining pressure, absorbing shock, supplementing pump delivery, storing energy, dispensing fluid, and acting as a fluid barrier.

STOCK NO. 1L04000

1 QUART,
OIL SERVICE,
#1 SAE THREADS 3000 PSI,
BOTTOM REPAIRABLE

STOCK NO. 1L04010

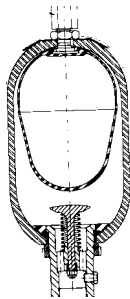
1 GALLON, OIL SER-
VICE, #20 SAE THREADS
3000 PSI, BOTTOM
REPAIRABLE

BLADDER ACCUMULATOR					ORDER INFORMATION	
SIZE	PORT SIZE	MAX	SERVICE	REFERENCE	STOCK NUMBER	PRICE
1 QUART	#16 1 5/16-12	3000	OIL	TBR30-.2N	1L04000	650.80
1 GALLON	#20 1 5/8-12	3000	OIL	TBR30-1N	1L04010	835.71

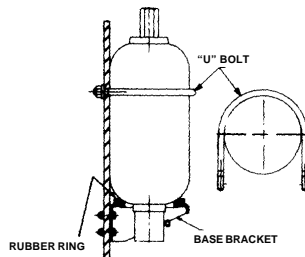
ACCUMULATOR ACCESSORIES - BLADDER

HYDRAULICS

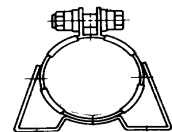
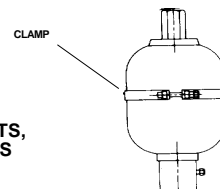
FOR 1 QUART AND 1 GALLON TOBUL BLADDER TYPE ACCUMULATORS



REPLACEMENT
BLADDERS



U-BOLTS,
BASE BRACKETS,
RUBBER RINGS



CLAMP BRACKET

DIRECTIONS FOR CHOOSING ACCUMULATOR ACCESSORIES

1. Find your Accumulator Stock No. (above).
2. Next, find that same stock no. below.
3. Accessories on that line are correct.

ACCUMULATOR ACCESSORIES - BLADDER

BLADDER STOCK NUMBER (from above)	ORDER INFORMATION									
	BLADDER KITS		U-BOLTS		CLAMP BRACKETS		BASE BRACKETS		RUBBER RING	
	STOCK NUMBER	PRICE	STOCK NUMBER	PRICE	STOCK NUMBER	PRICE	STOCK NUMBER	PRICE	STOCK NUMBER	PRICE
1L04000 (1 QUART)	1L04500	289.71	SA01030	19.00	1L04520	79.86	—	—	—	—
1L04010 (1 GALLON)	1L04510	241.43	SA01035	36.00	1L04530	87.29	SA01020	80.00	SA01025	15.00

GRAND RAPIDS

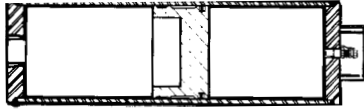
TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

ACCUMULATORS - PISTON TYPE

HYDRAULICS



"ECONOLATOR SERIES"



TOBUL
ACCUMULATORS

GENERAL INFORMATION

These permanently sealed accumulators are designed for systems with operating pressures up to 2500 psi. Each one is manufactured from heavy duty steel with welded end caps for rugged use. The hydraulically balanced aluminum piston with "T" Ring seal and a Teflon bearing is precision fitted into a "mirror-finished" cylinder.

APPLICATION

Some typical uses include: pressure storage units, pulsation dampeners, lift trucks, "cherry pickers" and other mobile equipment, machine tools, presses, circuit breakers, injection molding machines, power units, etc.

STOCK NO. 1L04080
1 PINT, 1/2" NPT, 2500PSI

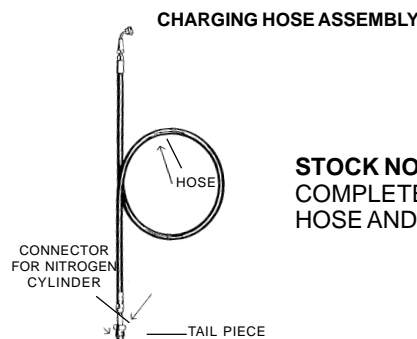
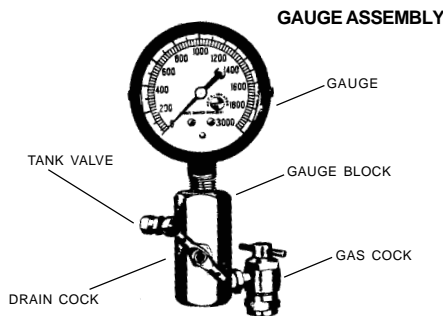
STOCK NO. 1L04090
1 QUART, 1/2" NPT, 2500 PSI

STOCK NO. 1L04100
1 GALLON, 1" NPT, 2500 PSI

ACCUMULATOR - PISTON TYPE						ORDER INFORMATION	
FLUID CAPACITY	OIL CAPACITY CUBIC INCHES	WORKING PRESSURE	BURST PRESSURE	TEMP RANGE	REFERENCE	STOCK NUMBER	PRICE
1 PINT	29	2,500	10,000	-400-2000F	2.2AL-1	1L04080	200.57
1 QUART	58	2,500	10,000	-400-2000F	2.2AL-2	1L04090	219.14
1 GALLON	231	2,500	10,000	-400-2000F	4.5AL-8	1L04100	410.43

CHARGING HOSE AND GAUGE ASSEMBLY

HYDRAULICS



STOCK NO. AC01000
COMPLETE CHARGING
HOSE AND GAUGE ASSEMBLY

GENERAL INFORMATION

Gas precharge assembly features a 6 foot high-pressure, steel wire braid reinforced, synthetic rubber hose, and right hand cylinder connections with a heavy duty 3000 psi gauge.

CHARGING HOSE AND GAUGE ASSEMBLY			ORDER INFORMATION	
PARTS INCLUDED	REFERENCE	STOCK NUMBER	PRICE	
All parts in both components pictured above	GG2527F	AC01000	192.78	

NITROGEN CHARGING CAPABILITY

SUPPORT SERVICES

**WE WILL GO TO YOUR PLANT AND CHARGE YOUR ACCUMULATORS —
JUST ASK CUSTOMER SERVICE ABOUT OUR MOBILE RUSH REPAIR SERVICE.**

GRAND RAPIDS

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