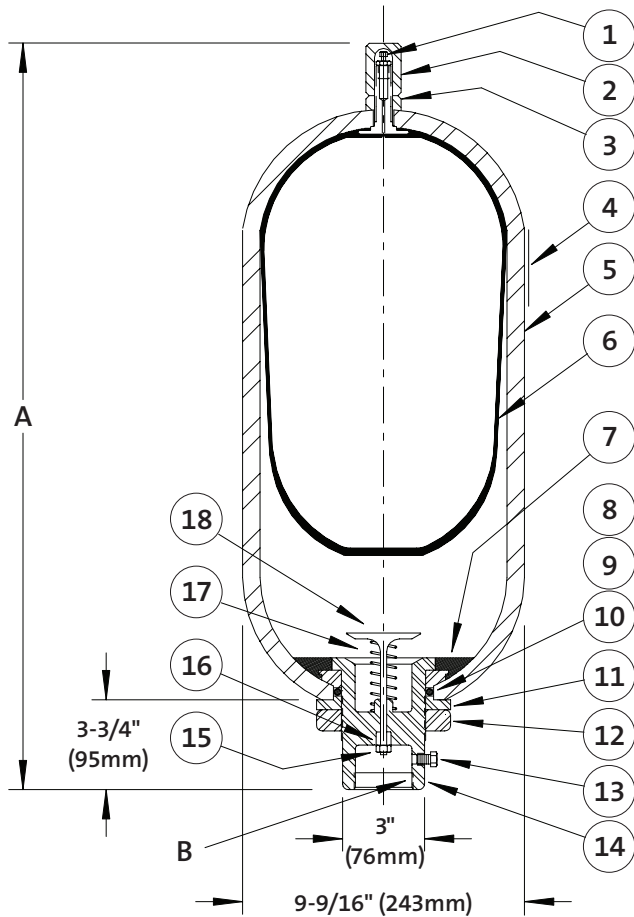


TBR50 BLADDER ACCUMULATORS

Model Number	Gas Capacity		Fluid Capacity		Dry Weight		Dimension A		Dimension B
	In. ³	Cm. ³	Gallon	Liters	Lbs.	Kg.	Inch	mm	
TBR50-2.5NMFA	577	9,454	2.5	10	120	54	21.5	546	SAE-24 Standard 2" NPT optional.
TBR50-5NMFA	1,151	18,858	5	19	220	100	33.75	857	
TBR50-10NMFA	2,142	35,095	10	38	335	152	54.5	1,384	To specify 2" NPT, replace "F" with "A"
TBR50-15NMFA	3,260	53,413	15	57	485	220	78	1,981	



Item Number	Part Number	Description	Number Required
1	3A-285H	SS Valve, Gas, 5K	1
2	TB50-210-PC	Guard, Gas Valve, 5K, Phosphate Coated	1
3	TB50-220	Lock Nut, Adaptor, Zinc Coated	1
4	NP-200	Nameplate	1
5	Not available separately	Shell, Bottom Repairable	1
6	BB50-*N	Bladder, BUNA-N	1
7	TB-925-N	Ring, Anti-Extrusion, BUNA-N	1
8	TB-125M	Ring, Backup, Stainless Steel	1
9	S03N50	Seal, O-Ring, BUNA-N	1
10	SB3T50	Seal, Backup, Teflon	1
11	TB50-975-PC	Spacer, Phosphate Coated	1
12	TB-850-PC	Ring, Lock, Phosphate Coated	1
13	PG-CH-8	Plug, Bleeder, SAE-6	1
14	TB-950-PC	Oil Port Body, SAE-24, Phosphate Coated	1
Opt.	PG-CH-2	Plug, Bleeder, 1/4" NPT	Opt.
Opt.	TB-950-P-PC	Oil Port Body, 2" NPT, Phosphate Coated	Opt.
15	TB-705	SS Lock Nut, Poppet Valve	1
16	TB-750	SS Piston, Poppet Valve	1
17	TB-150	SS Spring, Poppet Valve	1
18	TB-205	SS Poppet, Oil Port Valve	1

Specify bladder and seal material by selecting appropriate material code: "N" = BUNA-N, "B" = BUTYL, "E" = EPR, "V" = FKM (Viton®)

Maximum working pressure 5,000 psi (345 bar)
 Maximum proof pressure 7,500 psi (517 bar)
 Minimum burst pressure 20,000 psi (1,379 bar)

Operating temperature (BUNA/Nitrile)
 -20° to +200°F (-28° to 93°C)

Bladder for petroleum base oil. Shell ASME "U" stamped.
 Appendix 22 MAWP 6,600 psi (455 bar).
 Interchangeable with most other brands.

TOBUL ACCUMULATOR INCORPORATED

www.fst.com

Complete repair kits for Bottom Repairable Models — 2.5, 5, 10, 11 and 15 gallons

New Part Number	Type	Old Part Number
BK50-*N	BUNA-N	RB50-*NT
BK50-*V	FKM (Viton®)	RB50-*ET
BK50-*B	BUTYL	RB50-*BT
BK50-*E	EPR	RB50-*HT

* Denotes insertion point for unit volume designation, i.e., 2.5 = 2.5 gallon volume.
 Repair kit includes: (1) Bladder, (1) Gas Valve & O-Ring, (2) Oil Port Body O-Ring, and (2) O-Ring Backup and (1) Anti-extrusion Ring.