

TBR50 Bladder Accumulators

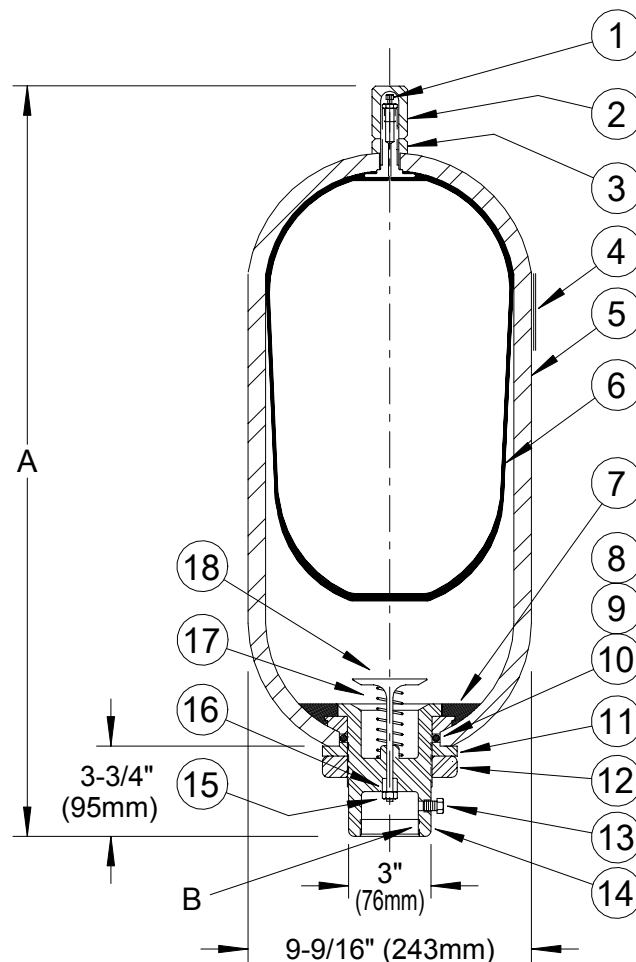
5,000 PSI (345 Bar)



Bottom Repairable

MODEL NUMBER	GAS CAPACITY		FLUID CAPACITY		DRY WEIGHT		DIMENSION		B
	In. ³	Cm. ³	Gallon	Liters	Lbs.	Kg.	A	mm.	
TBR50-2.5NMFA	577	9454	2.5	10	120	54	21.5	546	SAE-24 STANDARD 2"NPT OPTIONAL TO SPECIFY 2" NPT, REPLACE "F" WITH "A"
TBR50-5NMFA	1151	18858	5	19	220	100	33.75	857	
TBR50-10NMFA	2142	35095	10	38	335	152	54.5	1384	
TBR50-15NMFA	3260	53413	15	57	485	220	78	1981	

BLADDER & SEAL MATERIAL - N=BUNA-N B=BUTYL E=EPR V=FKM (VITON®)



GENERAL DESIGN DATA

MAXIMUM WORKING PRESSURE	5,000 PSI	(345 Bar)
MAXIMUM PROOF PRESSURE.....	7,500 PSI	(517 Bar)
MINIMUM BURST PRESSURE.....	20,000 PSI	(1379 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.

FOR PARTS LIST SEE REVERSE SIDE

TBR50 0214

TBR50 SERIES PARTS BREAKDOWN (CATALOG STANDARD TBR50-*NMFA) BUNA-N, SAE-24

*DENOTES INSERTION POINT FOR UNIT VOLUME DESIGNATION, i.e., 2.5 = 2.5 GALLON VOLUME

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
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 PLATED	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	TB-875-P	PLUG, BLEEDER, 1/4" NPT	OPT
	TB-950-P-PC	OIL PORT BODY, 2" NPT, PHOSPHATE COATED	
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 & SEAL MATERIAL BY SELECTING APPROPRIATE MATERIAL CODE –
“N”=BUNA-N; “B”=BUTYL; “E”=EPR; “V”= FKM (VITON®)

COMPLETE REPAIR KITS – FOR BOTH BOTTOM & TOP REPAIRABLE MODELS – 2.5, 5, 10 & 15 GAL.

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 & (2) O-RING BACKUP