

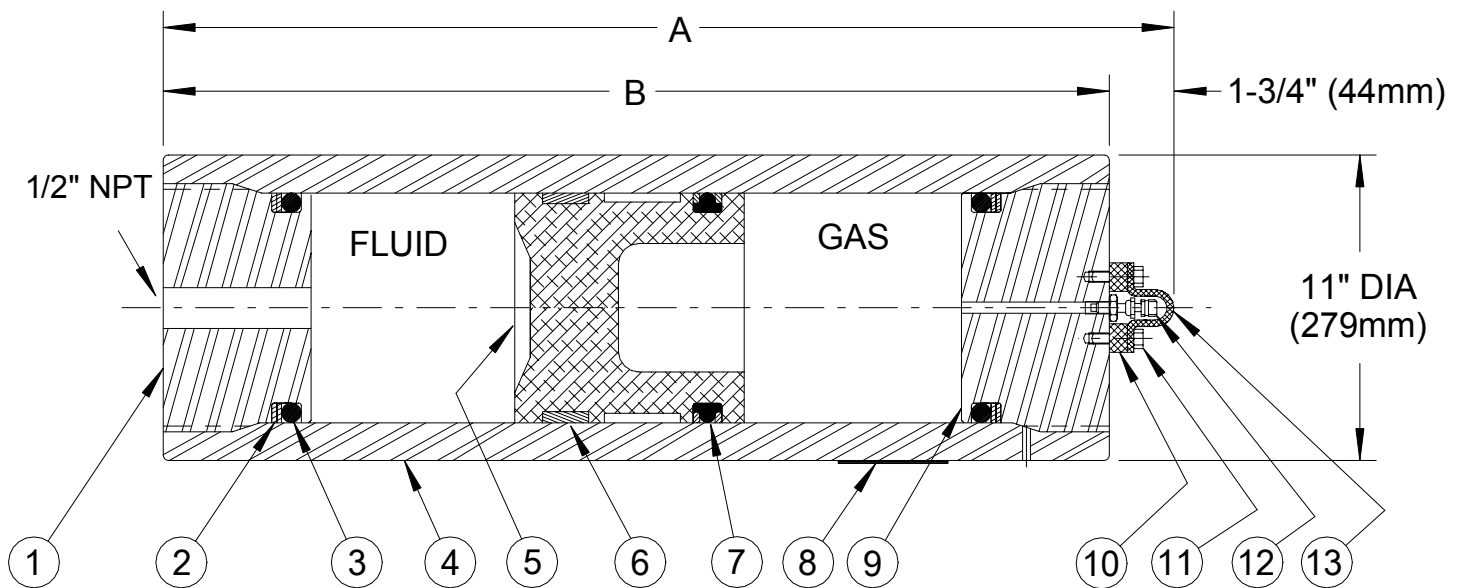
# 110A100 Accumulators 10,000 PSI (690 Bar)



MODEL NUMBER	GAS CAPACITY		FLUID CAPACITY		DRY WEIGHT		DIMENSION			
	In. <sup>3</sup>	Cm. <sup>3</sup>	Gallon	Liters	Lbs.	Kg.	A		B	
							In.	mm.	In.	mm.
110A100-8NG14	246	4,025	1	4	478	217	22-1/2	572	20-3/4	527
110A100-12NG14	362	5,932	1.5	6	577	262	27-3/8	695	25-5/8	651
110A100-16NG14	478	7,830	2	8	675	306	32-1/4	819	30-1/2	775
110A100-20NG14	594	9,728	2.5	9	773	351	37-1/8	943	35-3/8	899
110A100-24NG14	709	11,626	3	11	872	395	42	1,067	40-1/4	1,022
110A100-32NG14	941	15,413	4	15	1,068	485	51-3/4	1,314	50	1,270
110A100-40NG14	1,172	19,209	5	19	1,265	574	61-1/2	1,562	59-3/4	1,518
110A100-60NG14	1,748	28,650	7.5	28	1,754	796	85-3/4	2,178	84	2,134
110A100-80NG14	2,327	38,140	10	38	2,246	1,019	110-1/8	2,797	108-3/8	2,753
110A100-120NG14	3,483	57,071	15	57	3,227	1,464	158-3/4	4,032	157	3,988
110A100-160NG14	4,638	76,002	20	76	4,207	1,908	207-3/8	5,267	205-5/8	5,223

Specify seal material by selecting appropriate material code – “N”= Buna-N; “B”= Butyl; “E”= EPR; “V”= FKM (Viton®)

TOBUL 110A100 SERIES ACCUMULATORS MEET THE REQUIREMENTS OF A.S.M.E. BOILER AND PRESSURE VESSEL CODE



## GENERAL DESIGN DATA

MAXIMUM WORKING PRESSURE .....	10,000 PSI	(690 Bar)
MAXIMUM PROOF PRESSURE.....	15,000 PSI	(1,034 Bar)
MINIMUM BURST PRESSURE.....	40,000 PSI	(2,758 Bar)
OPERATING TEMPERATURE (Buna/Nitrile).....	52° to +200° F	(11° to 93° C)

STANDARD SEAL MATERIAL FOR PETROLEUM BASE OIL.  
SEALS AVAILABLE FOR OTHER FLUIDS.

**NOTE: Optional porting/mounting configurations available on request**

110A100 0713

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## 110A100 SERIES PARTS BREAKDOWN (CATALOG STANDARD 110A100-\*NG14)

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	HF44WC31-4	HEAD, FLUID, 1/2" NPT	1
2	SB4T80	SEAL, BACKUP, TEFLON	2
3	SO4N80	SEAL, O-RING, HEAD, BUNA-N	2
4	C68TD48-166	CYLINDER, 110A100-8, 1 GALLON, 4 LITER	1
	C68TD48-205	CYLINDER, 110A100-12, 1.5 GALLON, 6 LITER	
	C68TD48-244	CYLINDER, 110A100-16, 2 GALLON, 8 LITER	
	C68TD48-283	CYLINDER, 110A100-20, 2.5 GALLON, 9 LITER	
	C68TD48-322	CYLINDER, 110A100-24, 3 GALLON, 11 LITER	
	C68TD48-400	CYLINDER, 110A100-32, 4 GALLON, 15 LITER	
	C68TD48-478	CYLINDER, 110A100-40, 5 GALLON, 19 LITER	
	C68TD48-672	CYLINDER, 110A100-60, 7.5 GALLON, 29 LITER	
	C68TD48-867	CYLINDER, 110A100-80, 10 GALLON, 38 LITER	
	C68TD48-1256	CYLINDER, 110A100-120, 15 GALLON, 57 LITER	
	C68TD48-1645	CYLINDER, 110A100-160, 20 GALLON, 76 LITER	
5	P44MH26T	PISTON, ALUMINUM, SINGLE RING	1
6	SW2S40-8	WEARBAND, PISTON, GFT	1
7	ST4N80Y	SEAL, PISTON, "T" SEAL ASSEMBLY, BUNA/NYLON	1
8	NP-300	NAMEPLATE	1
9	HG44WC31-1	HEAD, GAS, 1/2-20	1
10	3A-400	SPACER, GAS VALVE	1
11	B-.37CB16S10-B	BOLT, CARBON STEEL, 3/8-16 x 1-1/4"	2
12	3A-286H	SS VALVE, GAS, 10K, 1/2-20 UNF-3A	1
13	3A-754D	GUARD, VALVE, ALUMINUM	1

(\*DENOTES INSERTION POINT FOR UNIT VOLUME DESIGNATION, i.e., 80 = 10 GALLON VOLUME)

### COMPLETE SEAL KITS

NEW PART NUMBER	TYPE	OLD PART NUMBER
SK110A100-NT	BUNA-N	11A100-G40T-NST
SK110A100-VT	VITON®	11A100-G40T-ETT
SK110A100-ET	EPR	11A100-G40T-HTT

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