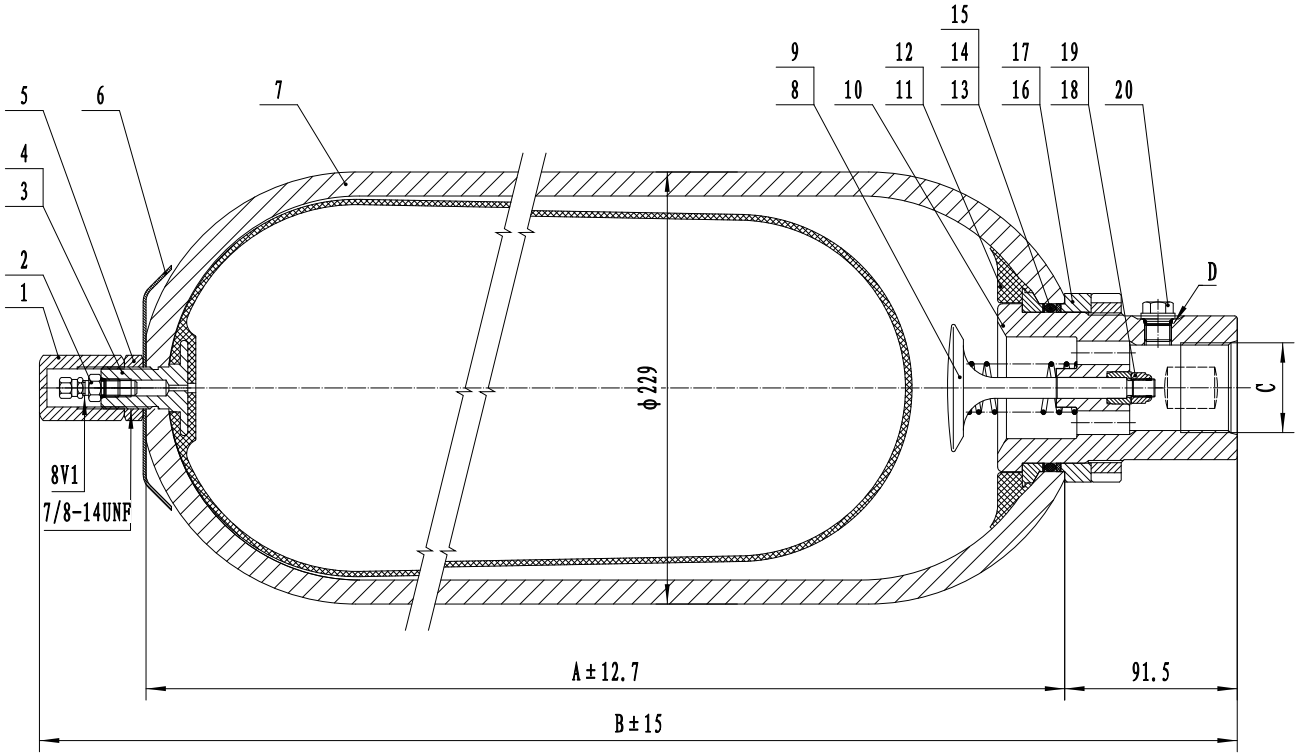

Part No.	Volume/GAL	A /mm	B /mm	C	D	Weight/Kg
001.01.03.06.127	2.5	397	545	-24 SAE	-6 SAE	34
001.01.03.08.127	5	708	856			56
001.01.03.10.128	10	1245	1393			94
001.01.03.11.125	11	1375	1523			105
001.01.03.14.126	15	1828	1976			136
001.01.03.06.151	2.5	397	545	2"NPT	1/4"NPT	34
001.01.03.08.133	5	708	856			56
001.01.03.10.152	10	1245	1393			94
001.01.03.11.149	11	1375	1523			105
001.01.03.14.150	15	1828	1976			136

Technical List				
Vessel Class	-	Design Pressure	3000PSI & 4000PSI APP.22	
Design Code	ASME VIII-1-2019 GB/T20663-2017	Design Temp	80℃	
		Working Temp	-20℃~+80℃	
Material	ASME II SA372M E2019;GB/T18248-2008	Lifetime	10Years(for shell)	
Heat Treatment	ASME II SA372M E2019	Shell Material	SA372 GR.E CL.70	
Hydo Test	1.5MAWP (SHELL)	Corrosion Allowance	0	
Leakage Test	1.1MAWP (ASSEMBLY)			
Nondestructive Test	ASME SECT.V AND SECT. VIII DIV.1	Media	Gas	Nitrogen
			Liquid	Hydraulic Oil
		Stamp	As Per Shell	

No.	Graph/Standard No.	Description	Qt.	Material	Unit Mass	Sum Mass		Remark
20	003.009.03.008	Vent Screw	1	35				With seal
19	003.009.02.04.004	Lock Nut	1	35+Nylon				
18	003.009.02.02.005	Piston	1	304				
17	ABA-S-229-XX/30-16	Lock Nut Outer	1	35CrMo				
16	ABA-S-229-XX/30-14	Spacer ring	1	35CrMo				
15	003.004.02.004	Back Up Ring	1	PTFE				
14	020.001.01.01.007	O Ring	1	NBR				
13	003.005.02.004	Metal Back-up Ring	1	20				
12	002.004.02.014	Bladder Ring	1	NBR+35CrMo				
11	003.010.02.008	Anti-extrusion Ring	1	35CrMo				
10	003.009.02.01.043	Fluid Port Valve	1	35CrMo				
9	003.009.02.03.003	Spring	1	304				
8	003.009.02.05.008	Poppet Valve	1	42CrMo				
7	A4932121/PK134896/9	Shell	1	SA372 Gr.E Cl.70				
6	003.003.03.100	Name Plate	1	AL				
5	003.007.02.006	Hex Jam Nut	1	35				
4	ABA-S-229-XX/30-19A	Bladder	1	NBR				
3	003.012.02.01.018	Bladder Stem	1	42CrMo				
2	002.003.02.001	Gas Valve -3/8UN	1	Stainless Steel				
1	003.008.02.006	Protection Cap	1	20				

DIMENSIONS IN MILLIMETER
UNSPECIFIED TOLERANCES:
.X=±.06 ; .XX=±.01 ; .XXX=±.005
ANGULAR=±5°
BREAK ALL SHARP EDGES R0.125 ~ R0.5

BUCCMA

BUCCMA ACCMULATOR (TIANJIN) CO., LTD.
TIANJIN BUCCMA HYDRAULIC & AUTO CONTROL CO., LTD.

MATERIAL	CS/Buna-N		
PART NAME	BLADDER ACCUMULATOR		
PART NO.	-		
DWG. NO.	ABA-S-229-4000-00		Rev.
SCALE	1:2	SIZE	A2
			0

DWN. BY	liuj	2020-12-24	2.5-15G 4000PSI APP.22 STD Bladder Accumulator Assembly
CHK. BY			
APP. BY			
SHEET	1 / 1	WEIGHT(Kg)	-