



Volume/GAL	A /mm	B /mm	C	D	Weight/Kg
2.5	397	545	-24 SAB	-6 SAB	62
5	708	856			100
10	1245	1393			164
11	1375	1523			183
15	1828	1976			239
2.5	397	545	2*NPT	1/4*NPT	62
5	708	856			100
10	1245	1393			164
11	1375	1523			183
15	1828	1976			239

Technical List				
Vessel Class	-	Design Pressure	5000PSI & 6600PSI APP.22	
Design Code	ASME VIII-1-2019	Design Temp	80°C	
	GB/T20663-2017	Working Temp	-20°C ~ +80°C	
Material	ASME II SA372M E2019; GB/T18248-2008	Lifetime	10Years (for shell)	
Heat Treatment	ASME II SA372M E2019	Shell Material	SA372 GR. B CL. 70	
Hydo Test	1.3MAWP (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	

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	A5622125/PK134326/2	Shell	1	SA372 Gr. B CL. 70			
6	ABA-SB-245-XX/50-15	Name Plate	1	AL			
5	ABA-SB-245-XX/50-18	Hex Jam Nut	1	35			
4	ABA-SB-245-XX/50-19	Bladder	1	NBR			
3	ABA-SB-245-XX/50-17	Bladder Stem	1	42CrMo			
2	002.003.02.005	MS Gas Valve	1	Stainless Steel			
1	ABA-SB-245-XX/50-20	Protection Cap	1	20			

No.	Graph/Standard No.	Description	Qt.	Material	Unit	Sum	Remark
					Mass		
DIMENSIONS IN MILLIMETER UNSPECIFIED TOLERANCES: XX=0.01; XX*=0.01; XXX*=0.005 ANGULAR=±5° BREAK ALL SHARP EDGES R0.125-R0.5		BUCCMA ACCUMULATOR (TIANJIN) CO., LTD. TIANJIN BUCCMA HYDRAULIC & AUTO CONTROL CO., LTD.		MATERIAL	CS/Buna-N		
DWN. BY <i>liq</i> 2010-12-24		2.5-15G 6600PSI APP.22		PART NO.	-		
CHK. BY		STD Bladder Accumulator Assembly		DWG. NO.	ABA-SB-245-6600-00 Rev.		
APP. BY		SHEET 1 / 1	WEIGHT(Kg)	-	SCALE 1:2	SIZE A2	0