
 <i>Abysmal Energy Structure Co.Ltd.</i>	Product Data Sheet		System: Foam System	
	Bladder Tank			
Model No. : AES-FS-008	Data Sheet No.		Rev : 0	Date:2020.22.07
	AES-DSH-034			Page 1 of 3

<p>The Bladder Tank is an essential part of the Bladder Tank Proportioning System. They require no external power, other than a supply of water to ensure proper operation.</p>	<p>سیستم بلدر تانک یکی از اجزای سیستم فوم می باشد. این تجهیز جهت مخلوط نمودن آب و فوم می باشد. این تجهیز با استفاده از فشار آب عمل می کند.</p>
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CONSTRUCTION FEATURES

- Construction code: EN /A.S.M.E
- Design pressure: 12 bar
- Maximum working pressure: 12 bar;16 bar
- Test pressure (tank): 17.2 bar;22,9 bar/18 bar;24 bar
- Design temperature: -10°C +50°C (+65°C)
- Body material: carbon steel ASTM A 516 gr.70 or others
- Flanges material: carbon steel (ASTM A 105)
- Pipe material: carbon steel (ASTM A 106 gr. B)
- Cut-off ball valves material: carbon steel (body), AISI 316 (ball)
- Filling valve, drain valve, material: nickel plated brass (body), AISI 316 (ball)
- Pressure gauges' material: stainless steel
- Safety valve material: brass
- Water and concentrate foam diaphragms material: AISI 316 stainless steel
- Bladder material: hypalon-neoprene / Polyurethane
- Name plate material: stainless steel
- Finish: polyurethane enamel (RAL 3000)
- Standard flow direction: right (from left to right)
- Packing: body, pallet.

PIPING AND INSTRUMENT DIAGRAM

