

EPDM - BLADDER TANK BT 01/0

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Tank Net Volume	58 Litres
Max. Propellant Volume	39 Litres
Propellant	Hydrazine ($N_2 H_4$)
Pressurant Gas	Helium (He) or Nitrogen (N_2)
Maximum Expected Operating Pressure (MEOP)	26 bar
Proof Pressure (1.5 x MEOP)	39 bar
Burst Pressure (2.0 x MEOP)	52 bar
Interface Fixation	5 Fixation Holes \varnothing 8H7
Materials	Ti6Al4V Hemispheres 3.7164.1 (SPF) Ti6Al4V (3.7164.1) Ethylene-Propylene-Diene Monomer (EPDM)
Tank Mass	< 8.5 kg (exclusive Support Structure)
Project Application	Ariane 5 SCA, ARD



EPDM - Bladder Tank Interface Drawing

