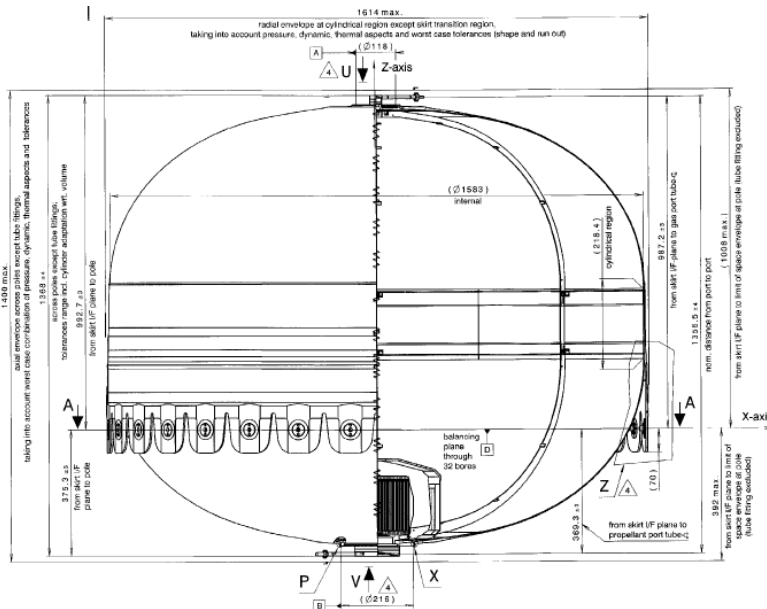


PTP-1910

Bi-propellant PMD Tank - PMD Airbus Design (Re-start Activity required)



* Maximum Expected Operating Pressure

Heritage	Alphabus	
Fluids	MMH / MON	
Pressurant Gas	He	
Propellant Management	PMD	
Materials	Shell	Ti-6Al-4V / Ti-15-3-3-3
	Tube	Ti-3Al-2.5V
	PMD	Ti-6Al-4V
	Overwrap	Epoxy-based CFRP / T800
Mounting interface	equatorial skirt	
Total Volume	1.910 l	116.555 in ³
Temperature Range	-40 / + 65°C	-6,2 / +149 °F
Tank Dry Mass	85,0 kg	187,4 lbs
Diameter	1.610,0 mm	63,39 in
Length	1.368,0 mm	53,86 in
MEOP*	24,5 bar	355 psi
Proof pressure (x 1,25)	30,6 bar	444 psi
Burst pressure (x 1,50)	36,8 bar	533 psi
Burst pressure tested	bar	psi

