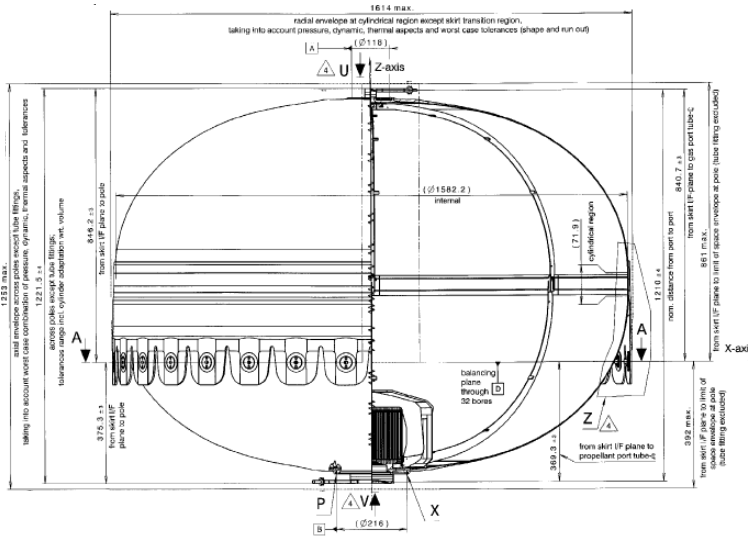


PTP-1622

Bi-propellant PMD Tank - PMD Airbus Design (Heritage – not for sale)



* 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		1.622 l 98.981 in ³
Temperature Range		-40 / + 65 °C -6,2 / +149 °F
Tank Dry Mass		77,0 kg 169 lbs
Diameter		1.610,0 mm 63,39 in
Length		1.221,0 mm 48,07 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

