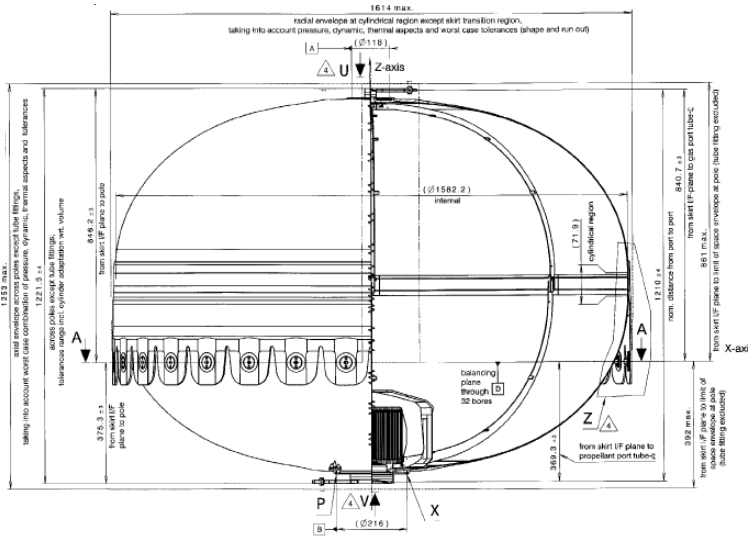


# PTP-1622

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



\* Maximum Expected Operating Pressure

<b>Heritage</b>	Alphabus	
<b>Fluids</b>	MMH / MON	
<b>Pressurant Gas</b>	He	
<b>Propellant Management</b>	PMD	
<b>Materials</b>	<b>Shell</b>	Ti-6Al-4V / Ti-15-3-3-3
	<b>Tube</b>	Ti-3Al-2.5V
	<b>PMD</b>	Ti-6Al-4V
	<b>Overwrap</b>	Epoxy-based CFRP / T800
<b>Mounting interface</b>	equatorial skirt	
<b>Total Volume</b>	1.622 l	98.981 in <sup>3</sup>
<b>Temperature Range</b>	-40 / + 65 °C	-6,2 / +149 °F
<b>Tank Dry Mass</b>	77,0 kg	169 lbs
<b>Diameter</b>	1.610,0 mm	63,39 in
<b>Length</b>	1.221,0 mm	48,07 in
<b>MEOP*</b>	24,5 bar	355 psi
<b>Proof pressure (x 1,25)</b>	30,6 bar	444 psi
<b>Burst pressure (x 1,50)</b>	36,8 bar	533 psi
<b>Burst pressure tested</b>	bar	psi

