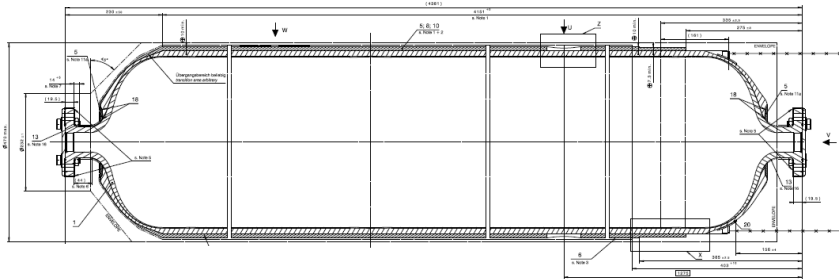


# PVH-520

## Hydraulic Oil Tank



\* Maximum Expected Operating Pressure

<b>Heritage</b>	Ariane 5 GAT	
<b>Fluids</b>	Hydraulic Oil	
<b>Materials</b>	<b>Shell</b>	Maraging Steel
	<b>Tube</b>	
	<b>Overwrapped</b>	Epoxy-based CFRP / T800
<b>Mounting interface</b>	polar flange	

<b>Total Volume</b>	520 l	31.732 in <sup>3</sup>
<b>Temperature Range</b>	max. +80 °C	max. +176 °F
<b>Tank Dry Mass</b>	200,0 kg	440,9 lbs
<b>Diameter</b>	440,0 mm	17,32 in
<b>Length</b>	4.400,0 mm	173,23 in
<b>MEOP*</b>	450,0 bar	6.527 psi
<b>Proof pressure (x 1,50)</b>	675,0 bar	9.790 psi
<b>Burst pressure (x 2,00)</b>	900,0 bar	13.053 psi
<b>Burst pressure tested</b>	1.030,0 bar	14.939 psi

