



Part Number:

D24700

Size:

35.51 OD x 93.079 Long

Tank Type:

PMD

Mount Style:

Tabs

Location:

Inlet Dome Edge

PMD Device:

Side Arms with Central Vein

PMD Tank for Hydrazine, manufactured from Titanium.

Applicable Documents

Tank Characteristics:

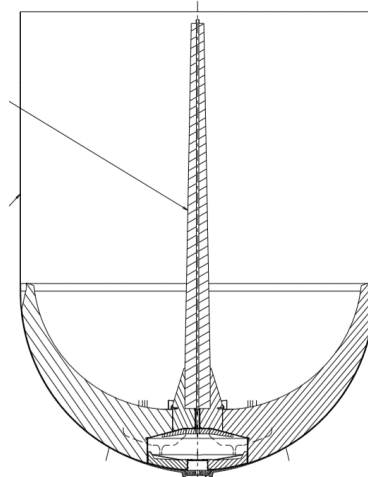
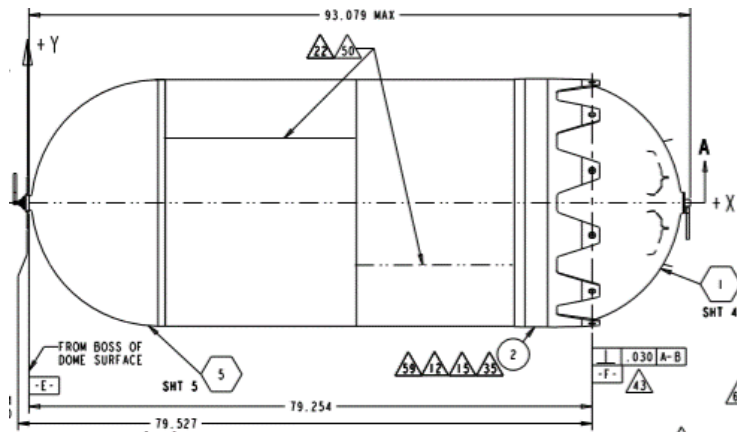
Tank Characteristics (Metric):

ICD D24700_ICD E Qualification Report Applications Report A24857 D24700 KE500	Total Volume, in ³ :	76,771	Total Volume, L:	1258.05
	Propellant Volume, in ³ :		Propellant Volume, L:	
	Max Design Weight, lbs:	113.26	Max Design Weight, kg:	51.37
	Minimum Wall Thickness, in:	0.02	Minimum Wall Thickness, mm:	0.058
	Operating Pressure, psig:	300	Operating Pressure, bar:	20.68
	Proof Pressure, psig:	375	Proof Pressure, bar:	25.86
	Collapse Pressure, psig:	1	Cryo Proof, bar:	0.07
	Burst Pressure, psig:	450	Burst Pressure, bar:	31.03
Notes:		Tube Type:	Size:	

Applications Testing:

Qualifications Testing:

Proof Pressure Test	External Leakage Test	Bubble Point Test	Proof Pressure Test
Mass Flow Rate AP Test	Expulsion Efficiency Test	External Leak Test	Cycle Test
Static Load Test	Penetrant Inspection	Static Load Test	Vibration Test
Ultrasonic Inspection	Bubble Point Test		Burst Pressure Test



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