

SURFACE TENSION PROPELLANT TANK OST 33/0

Surface Tension Propellant Tank OST 33/0

Net Volume Range	176.5 Litres
Propellants	Hydrazine (N ₂ H ₄)
Geometrical Shape	Spherical with a cylindrical Intersection
Maximum Expected Operating Pressure (MEOP)	24.63 bar
Proof Pressure (1.5 x MEOP)	36.95 bar
Burst Pressure (2.0 x MEOP)	49.26 bar
Interface Fixation	4 Suspension Trunnions
Materials	
- Pressure Vessel	Ti6Al4V STA (3.7164.7)
- Trunnions / Ports	Ti6Al4V (3.7164.1)
- PMD	Ti6Al4V (3.7164.1)
Tank Mass Range	13.5 kg
Project Involvement	Cosmo / SkyMed

