

DIAPHRAGM PROPELLANT TANK DT180

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Net Volume Range:	180 Litres
Propellants	MON, MMH, hydrazine
Geometrical Shape	Sphere with cylindrical section
Maximum Expected Operating Pressure (MEOP)	35.6 bar
Proof Pressure (1.25 x MEOP)	44.5 bar
Burst Pressure (1.5 x MEOP)	53.4 bar
Interface Fixation	Equatorial flange with 24 fixation bolts M8
Materials	
- Ports	Ti6AL4V (3.7164.1)
- Shell	AA2219-T8
- Diaphragm	PTFE basis
- C-Ring	Inconel 718
Tank Mass	21.0kg
Project Involvement	AVUM+ LPS

