

TANK TYPE GAS	MOUNT STRAP
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Part Number 80202-1

This tank is a 12-inch spherical pressure vessel constructed of 6Al-4V titanium. Mounting is by strap.

SIZE: 12.45-inch OD Sphere

ISO 9001 (1994) REGISTERED

Stress
PSI Analysis **x**

APPLICABLE DOCUMENTS	
Acceptance Test Procedure	50-000158
Powder Blast	65-000030
Fusion Welding, TIG	90-000003
Radiographic Acceptance STD	90-000004
Radiographic Inspection	90-000006
Cleaning	90-000015
Pre-Weld Cleaning	90-000022
Identification	90-000047

TANK CHARACTERISTICS			
Operating Pressure, psig	4,600	Total Volume, ci	886
Proof Pressure, psig	7,500	Prop Volume, ci	NA
Cryo Proof, psig	NA	Max Design Wt, lbs	15.80
Burst Pressure, psig	10,000	Minimum Wall, inch	0.192

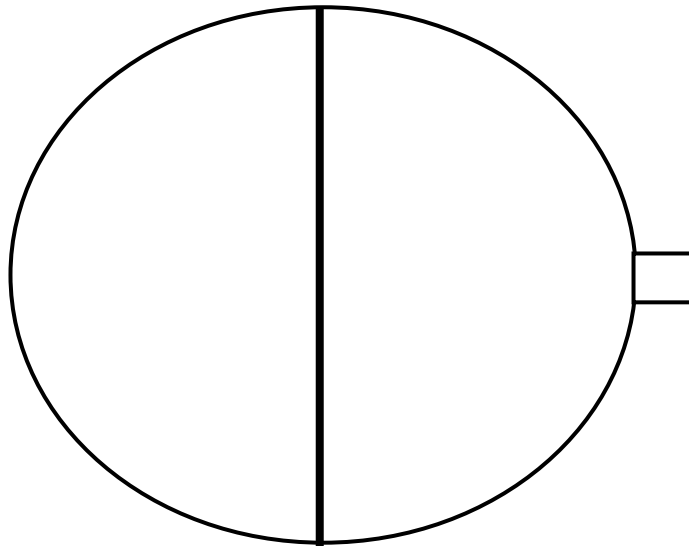
ACCEPTANCE ENVIRONMENTAL TESTS
NONE

PROGRAM INFORMATION	
Program	P72-2
Customer	Rockwell International
Customer P/N	
Original Job No.	7234
Customer Installed Device	No
Customer Controlled Design	No

FORGINGS		
FORGINGS P/N	SUPPLIER	Die No
	ARCTURUS	

Notes:

1: Tooling belongs to Northrop Grumman



SKETCH NOT TO SCALE