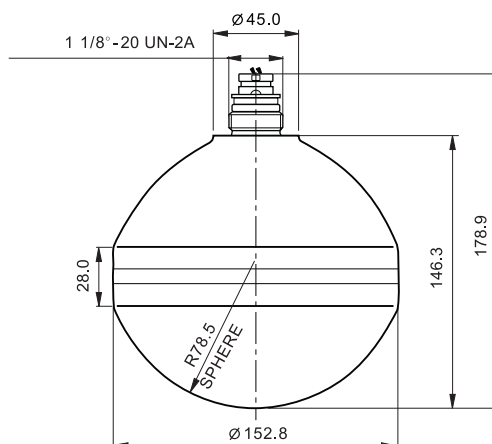


## Cool Gas Generator

The MPV is designed to actuate, provide motion and cool airborne / military products. It consists of a high pressure vessel, a pressure regulator and a manifold. The MPV system conforms to high safety standards and is resistant under harsh environmental conditions. The high pressure vessel is available also as an independant unit, without the other elements. Gas type is according to customer specification.



## High Pressure Vessel

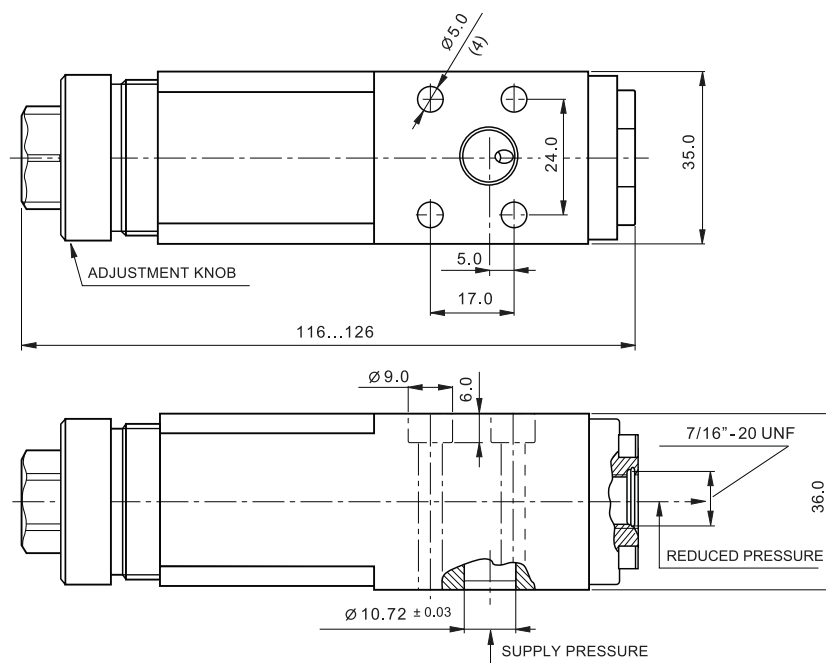


## Specification

Parameter	Unit	Value
Working pressure at room temperature	psi	8500
Working temperature range	°C	-54 ÷ +55
Vessel's volume	litre	1.3
Charged vessel weight	kg	6.3 ± 0.2
Vessel's actuator-electro-explosive:		
Bridge resistance	Ohm	3 ÷ 4
No fire current	A	0.25 for 5 minutes
All fire current	A	2.5

## Pressure Regulator

The pressure regulator is designed for accurate regulation of high pressure gas flow in aerospace/military products. The regulator is conform to strict safety standards and resistant under the harsh environmental conditions typical for this kind of product.



## Specification

Parameter	Unit	Value
Supply pressure maximum	psi	8820
Reduced pressure range	psi	440 ÷ 1470
Working temperature range	°C	-54 ÷ +55
Mounting type	Manifold mountings	