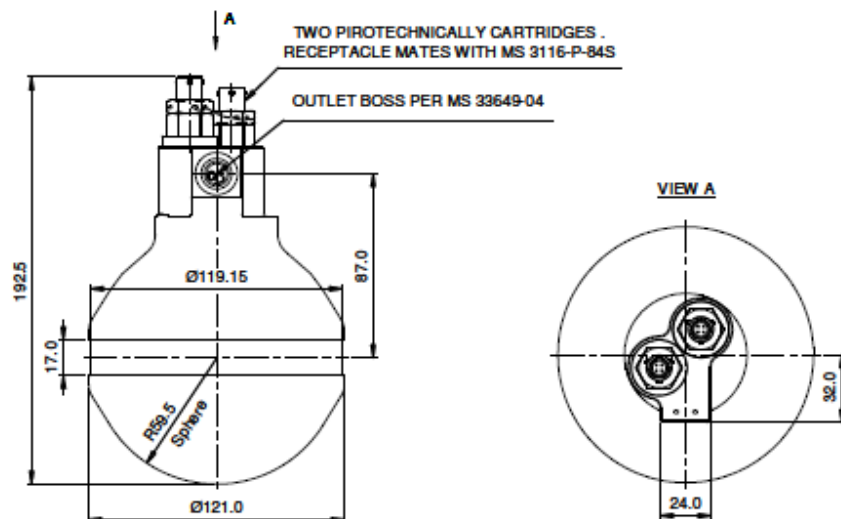


## Pressure Vessel (with Pyrotechnic Actuator)

This IPV2 pressure vessel, with pyrotechnically operated puncher, is designed to actuate, provide motion and cool airborne / defense products (gas type according to customer specification). The IPV2 pressure vessel contains redundant electro-explosive elements, consisting of two electrically operated dual bridge single charge cartridges.

As all MTC pressure vessels, the IPV2 conforms to stringent safety standards and is highly resistant under the harsh environmental conditions typical for this kind of product.



## Specification

Parameter	Unit	Value	Tolerance
Working pressure at room temperature	psi	7,250	+200
Working temperature range	°C	-35 to +85	-
Vessel's volume	cm <sup>3</sup>	700	±10
Vessel charged	gr.	2,700	±60
Electrically operated cartridges (for each cartridge) :			
- Bridge wire resistance	Ohm	0.95	±0.15
- No fire current (for 5 min.)	A	1	min
- All fire current	A	4.5	min
- Two independent circuits			

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