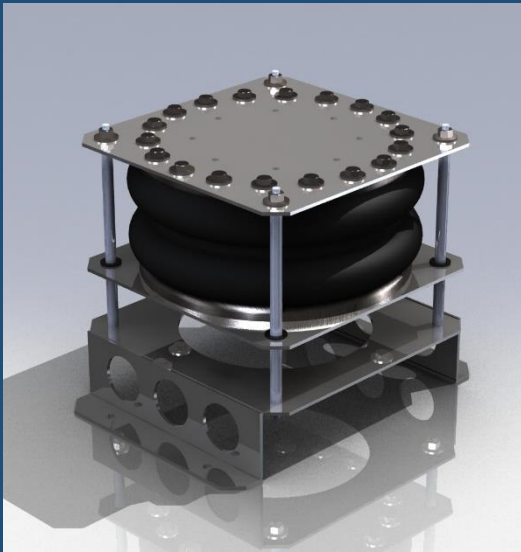


The Subsea Thruster & Propulsion Specialists

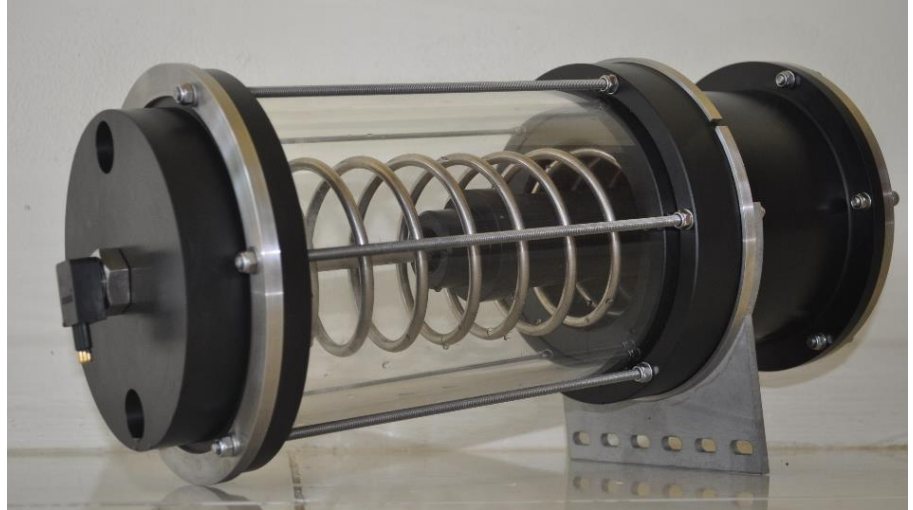
Key Features:

- Over Pressure Options
- Magnetic Switch Sensors Options
- Linear Transducer Options
- Stainless Steel Mounting Brackets
- Number of Ports / Configurations
- Relief Valves & Subsea Connectors



SUBSEA PRESSURE COMPENSATORS

Pressure compensators are used in all subsea hydraulic systems to negate the effects of pressure differential at depth. The compensation maintains a constant slightly higher oil pressure within the hydraulic system, regardless of depth. It also provides the initial head pressure the hydraulic pump requires for startup without cavitation. Typically around 12 PSI. The design of the compensator ensures this slight over-pressure is maintained for all water depths, from surface to full ocean depth.



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Uni



The Perry style unit, with our improvements such as SS316 port inserts, linear load rings at the interface between top & bottom cans to avoid distortion & removal of the through bladder hole where the centralizing rod attaches. Our centralizer screws in to a blind hole in the piston.

Available in 1L // 1.5L // 2L sizes



The Clearview style unit. Incorporates the same innovations as the above type, such as SS316 port inserts, linear load rings at the interface between top & bottom cans to avoid distortion & removal of the through bladder hole where the transducer guide rod locates.

Available in 2L // 2.7L // 8L // 13L sizes.



The 18L style unit is of SS316 construction and comes with double convoluted diaphragm. This design is available in 18 to 33L volumes with double or triple convoluted diaphragms, depending upon volume required. Ports arrangements & qty are to user requirement.

The unit is available as comp only // magnetic switch transducers (3 positions, user selected) // Linear transducer (analog volts, 4-20mA or RS232 output).



The 100L style unit is of SS316 construction and comes with triple convoluted diaphragm. This design is available in 50L to 100L volumes. Ports arrangements & qty are to user requirement.

The unit is available as comp only // magnetic switch transducers (3 positions, user selected) // Linear transducer (analog volts, 4-20mA or RS232 output)