



Compensators

270cc, 370cc, 860cc & 2700cc

Our compensators allow for submerged systems to be flooded with an incompressible fluid. They provide a positive pressure to a submerged oil filled component or system to protect against (sea) water ingress.

There are four sizes of rolling diaphragm, positive pressure compensators in corrosion resistant plastic suitable for ROV and tooling applications available with optional level sensors for volume monitoring.

The range of sizes available make these simple units particularly suitable for compensating thrusters, oil filled junction boxes, valve packs etc.

FEATURES

- Four sizes – 270, 370, 860 and 2700cc
- Delrin Plastic Construction
- Grade 316 Stainless Steel Spring
- Adjustable Pressure Relief Valve
- Mounting Feet
- Low Level Proximity Sensor Option
- Level Sensors Available for all compensator sizes

SUB-ATLANTIC PART NUMBERS

- 270cc Compensator BSPT (NPT): SA-HC-0406-MAS
Drawing number: 0832-GA
- 370cc Compensator BSPT (NPT): SA-HC-1043-MAS
Drawing number: 0662-GA
- 860cc Compensator BSPT (NPT): SA-HC-0830-MAS
Drawing number: 0831-GA
- 2700CC Compensator BSPT (NPT): SA-HC-0745-MAS
Drawing number: 0608-GA

Small Compensator			Pressure (bar)			Mass Properties (Kg)			
Drawing Number	Compensator Size (cc)	Actual Capacity (cc)	Full Charge	Near Empty	Relief Valve Setting	In-Air Empty	In-Air Oil Filled	In-Sea Water Empty	In-Sea Water Oil Filled
0832-GA	270	294	0.66	0.32	1.0	0.82	1.07	0.37	0.32
0662-GA	370	431	0.66	0.33	1.0	1.12	1.48	0.48	0.40
0831-GA	860	967	0.65	0.33	1.0	1.97	2.79	0.92	0.75
4018-GA	860	967	0.61	0.24	1.0	1.96	2.79	0.88	0.75
0608-GA	2700	2867	0.69	0.34	1.0	5.40	7.83	3.03	2.52

FORUM SUBSEA TECHNOLOGIES

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