

# COMPENSATOR

## 16L

WITH OR WITHOUT LEVEL SENSOR



### Descriptions

**The function of the compensator is to maintain a raised pressure in a fluid circuit related to ambient at all water depths.**

This is achieved by a spring acting on a rolling diaphragm, i.e., the connected fluid circuit will always see a pressure equal to ambient sea water pressure plus the pressure generated by the spring.

Use of rolling diaphragm instead of piston is a great advantage to reduce hysteresis in the compensation system.

The compensator is provided with an interface that allows easy installation and stacking. Optional analog volume sensor is available. Even without volume sensor, the oil level can be visually read through slots in the spring housing.

### Features

- ▣ Solid and Reliable Design
- ▣ Facilitates System Over-Pressure
- ▣ Analog Fluid Level Sensor
- ▣ Maximum operating pressure 1.5 bar

# SPECIFICATIONS

## 16L COMPENSATOR

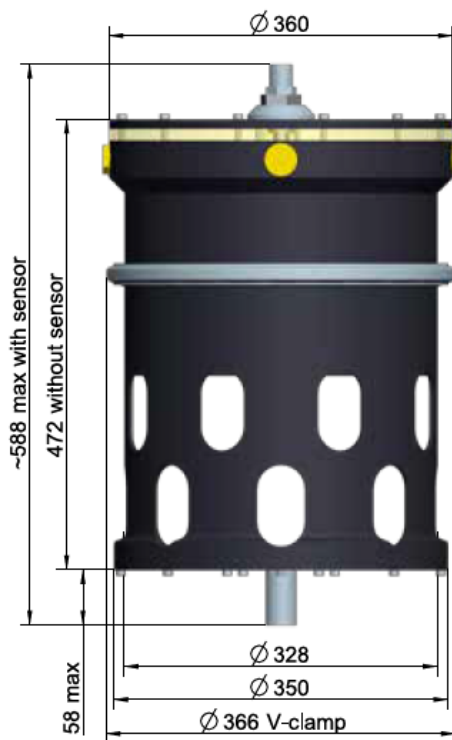
### General Technical Specification

Type	16L Compensator
Capacity	15,8 Ltr
Weight in air without / with sensor	24 / 25Kg
Diameter / Height	Ø366 / 467mm
Length without / with sensor	472 / 588mm at full stroke
Spring pressure	0,15 - 0,25 Bar.
Depth rate without / with sensor	Full ocean depth/3000 m (option 6000m)
Hydraulic connections	4 X ¾" BSPP Ports

### Mechanical Interface

Fastening to external structure by using clamps around the cylindrical part.

Clamps can be supplied on request.



Customised Manifold Plate with a wide range of connection ports on stock

