

COMPENSATOR 16L SPRING LOADED

COMPENSATOR
AVAILABLE WITH LVDT
16L



Description

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 Sensor
- Available with LVDT
- Maximum operating pressure 1,5 bar

■ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.
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SPECIFICATIONS

COMPENSATOR 16L SPRING LOADED

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General Technical Specifications

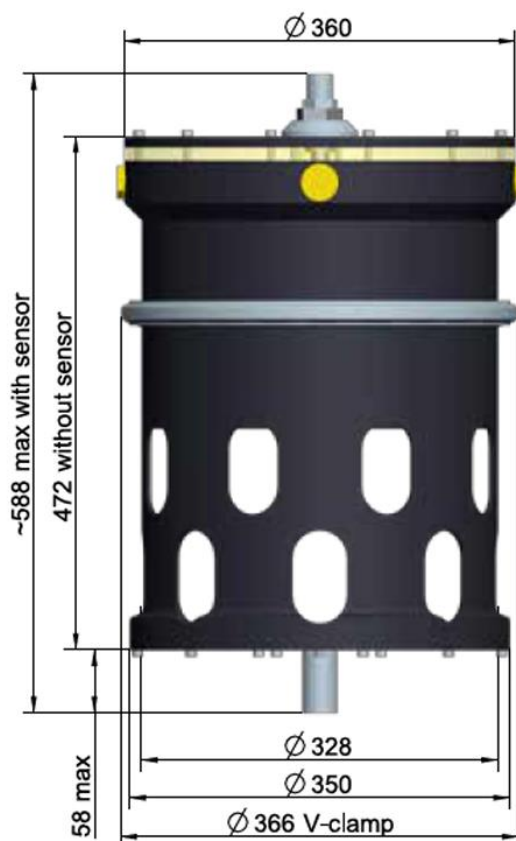
Type	Compensator 16L
Part Number	COMP-16
Dimensions L x W	467 mm x Ø366 mm
Length with LVDT sensor	588 mm at full stroke
Weight in air with sensor / without sensor	24 kg / 25 kg
Depth Rating	Full Ocean Depth
Spring Pressure	0,15 Bar – 0,25 Bar
Capacity	15,8L
Fluid Compability	Mineral Oil / Water Based Oil

Hydraulic Interface

Hydraulic Connections	4 x ¾" BSPP
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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



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