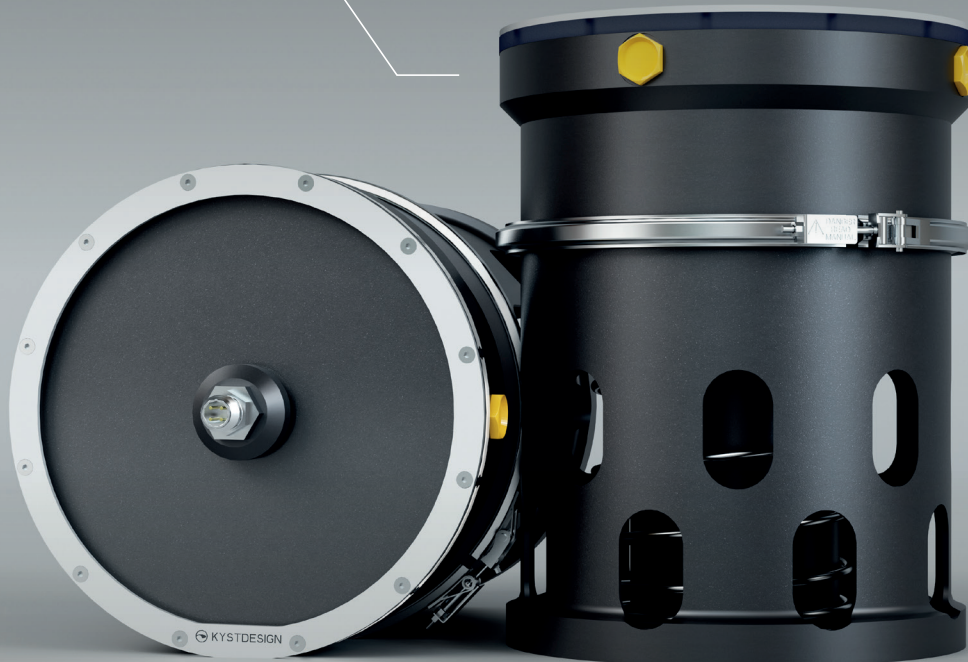


# 16 L HYDRAULIC COMPENSATOR.



AVAILABLE  
WITH ANALOG  
LEVEL SENSOR



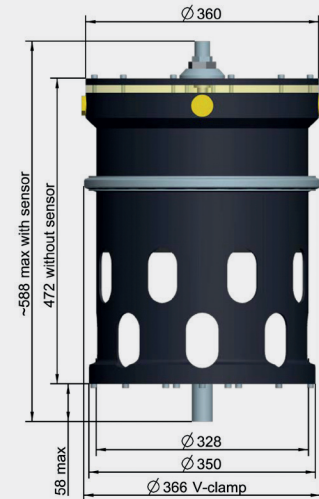
The function of the compensator is to maintain a raised pressure in a fluid circuit related to ambient at all water depths. This is achieved by a spring acting on a rolling diaphragm, i.e. the connected fluid circuit will always see a pressure equal to ambient sea water pressure plus the pressure generated 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.

## SPECIFICATIONS

| 16 L Compensator:    | Without sensor  | With Sensor           |
|----------------------|---|-----------------------|
| Manufacturer         | Kystdesign AS   |                       |
| Product No.          | 103360  | 103359                |
| Model Code           | AB25-1100   | AB25-1100             |
| Capacity             | 15,8 Liter  |                       |
| Pressure             | 0,15 - 0,25 Bar   |                       |
| Hydraulic Connection | 4 x 3/4" BSPP or Custom Manifold Plate  |                       |
| Length               | 472 mm  | 588 mm at full stroke |
| Width                | Ø366 mm   |                       |
| Weight in air        | 24 kg   | 25 kg                 |
| Depth rate           | Full ocean depth  | 3000 m Option 6000 m  |
| Mechanical interface | Fastening to external structure by using clamps around the cylindrical part. Clamps can be supplied on request. |                       |

All technical data and specification are subject to change 2024-03



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