

# 16 L hydraulic compensator



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

Product	16 L hydraulic compensator
Country of origin	Norway
Manufacturer	Kystdesign

## Specifications

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

