

2,5 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

2,5 L Compensator:	Without sensor	With Sensor
Manufacturer	Kystdesign AS	
Product No.	104210	104226
Model Code	AD86-1000	AD86-2000
Capacity	2,45 Liter	2,38 Liter
Pressure	0,25 - 0,60 Bar	
Hydraulic Connection	7 x 3/8" BSPP	
Lenght	368 mm	592 mm at full stroke
Width	Ø174 mm	
Weight in air	4,39 kg	6,09 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

