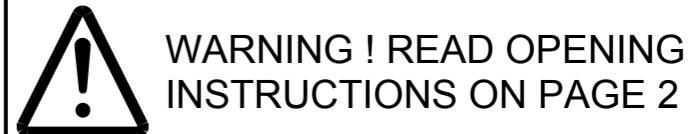
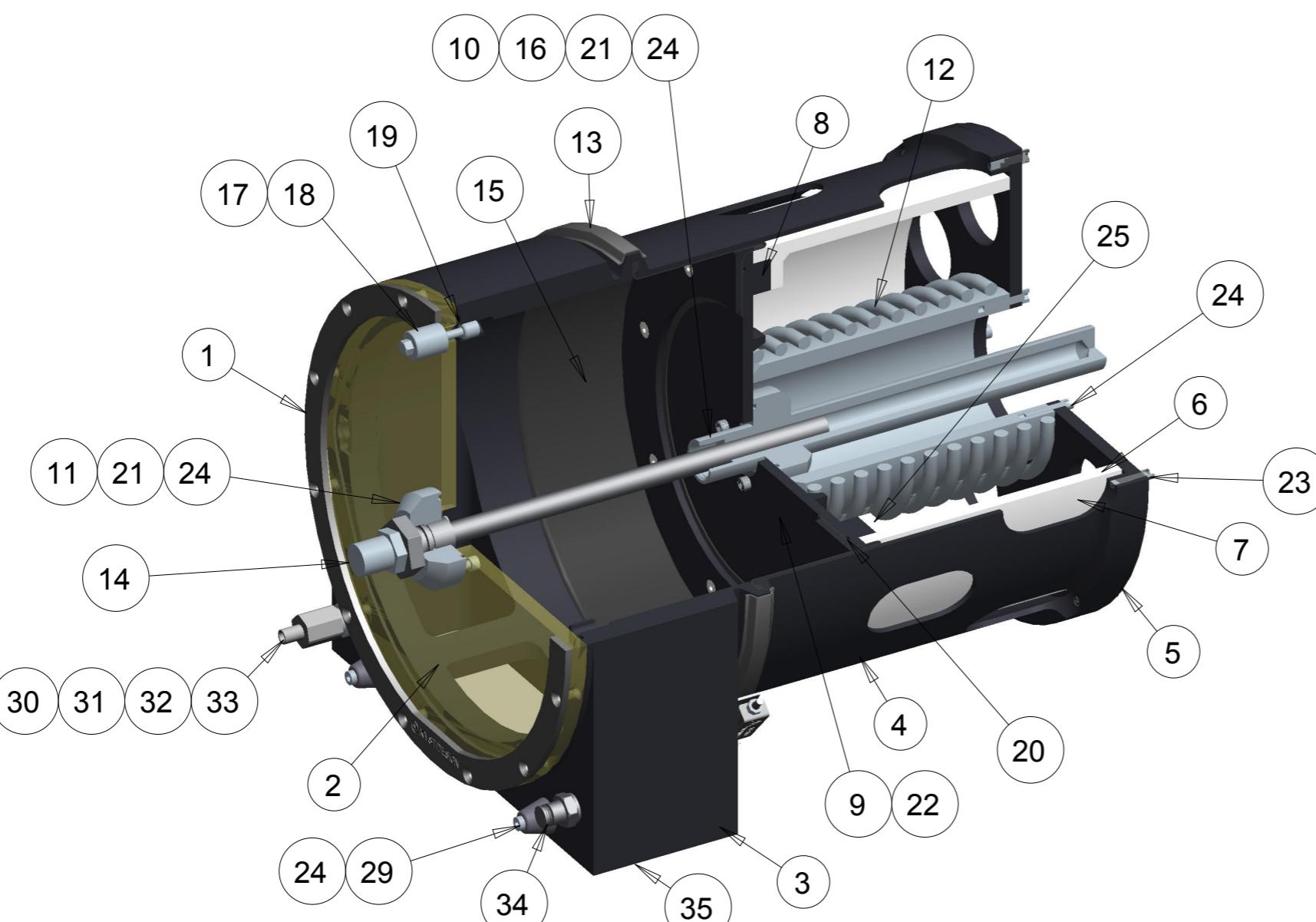
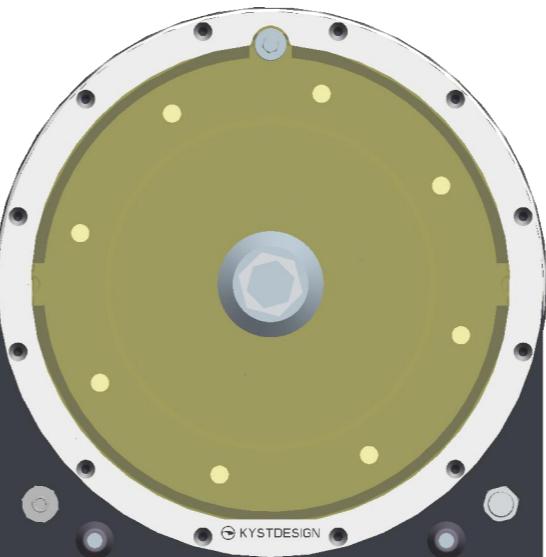
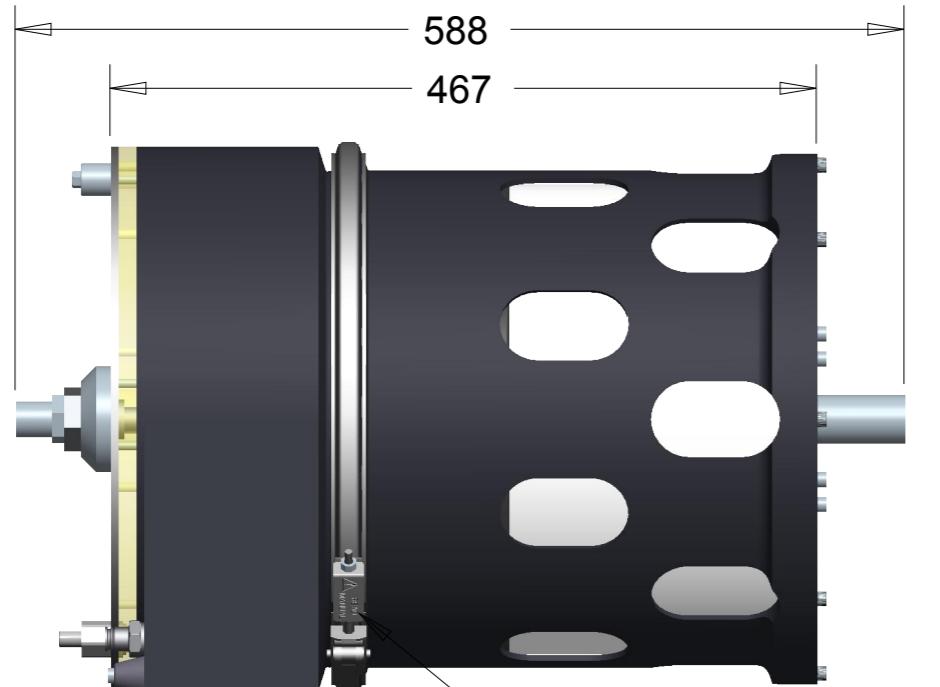


1 2 3 4 5 6



Weight in air.....30 kg  
Volume.....15.8 L  
Pressure.....0,15-0,25 Bar  
Depth rate:  
Without sensor..Full Ocean Depth  
With sensor.....3000m

Qty.	Description	Drg. / Spec.	Material
35	O-Ring 247.24 x 3.53		NBR 70
34	Pressure Relief Valve 0.8 bar	100199	SS
33	1/4" BSP Nipple	SVHN4-4RP	SS
32	Male/Female adaptor 1/4"-3/8"	6-4HMK4SS	SS
31	3/8" Bonded Seal		SS
30	1/4" Bonded Seal		SS
29	Zinc Anode, SP6 1180	Sleipner Motor	Zinc
28	Toggle for 16L & 30L Comp.	AB25-1000M70	
27	Warning sign	AB25-1000M80	
25	Screw M6X35	DIN 912	A4
24	Screw M6X30	DIN 912	A4
23	Screw M6X25	DIN 912	A4
22	Screw M6X20	DIN 7991	A4
21	O-Ring 58 x 3		NBR 70
20	O-Ring 280 x 3		NBR 70
19	O-Ring 320 x 4		NBR 70
18	O-Ring 13.94 x 2.62		NBR 70
17	Vent Screw	AB89-1036M27	
16	Magnet		
15	Membrane	BFA 320-310-120	
14	Linear Sensor	LTS-0200	
13	Vee Clamp	Q130363005AB4H	
12	Spring Dt10 x Dy150 x Lo750	L-30154	SS2331-6
11	Linear Sensor adapter	AA81-DR002	
10	MagnetHolder	AB25-DR005	
9	Membrane Holder	AA63-DR009	
8	Piston Top	AA63-DR008	
7	Piston Pipe	AA63-DR007	
6	Spring Guide	AB25-DR003	
5	Spring Retainer	AB25-DR002 Item 4	
4	Housing Seawater Side	AA63-DR002	
3	Housing Oil Side	AB25-4000M11	
2	Lid with Sensor holes	AB25-4000M21	
1	Frame	AB25-4000M22	

Itm.	Qty.	Description	Drg. / Spec.	Material
01	12.04.13	ISSUED FOR PRODUCTION	GVI	AHO EKB
A	11.04.13	ISSUED FOR COMMENTS	GVI	AHO EKB
Rev.	Date	Description	Prep	Chk App

 **KYSTDESIGN**  
SUB - SEA TECHNOLOGY

Drawing title		Size
16 Litre Compensator ROV Version General Arrangement		
K Y S T D E S I G N A S	Scale 0.250	Sheet 1
Strandgaten 202, 5525 Haugesund, NORWAY Tel: +47 52 70 62 50 Fax: +47 52 70 62 01 <a href="http://www.kystdesign.no">www.kystdesign.no</a>	File name AB25-4000M01	of 2

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4

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6

## OPENING INSTRUCTIONS

- 1) Empty compensator
- 2) install tierce as shown in figure 1
- 3) tighten up all four tierce rods (b)
- 4) Remove 8 of 6mm bolts (a) holding the spring retainer
- 5) Untighten all four tierce rods sucessively until the spring force is minimal
- 6) Now the V-Clamp can be opened

## INSTALLING V-CLAMP

Make sure that both the inner surface of the V-Clamp and the mating flange is clean. Then lubricate the Flange surface with a thin film of Molycote 111 or Aqualube. Install the V-Clamp and torque up the locking nut to 10Nm. Use a lightweight hammer to tap the surface of the V-Clamp gently while tightening the nut. (to overcome the static friction)

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Itm.	Qty.	Description	Drg. / Spec.	Material
01	12.04.13	ISSUED FOR PRODUCTION	GVI	AHO EKB
A	11.04.13	ISSUED FOR COMMENTS	GVI	AHO EKB
Rev.	Date	Description	Prep	Chk App

 **KYSTDESIGN**  
SUB - SEA TECHNOLOGY

Drawing title  
**16 Litre Compensator  
ROV Version  
General Arrangement**



Size  
**A3**

KYSTDESIGN AS  
Strandgaten 202, 5525 Haugesund, NORWAY  
Tel: +47 52 70 62 50  
Fax: +47 52 70 62 01  
www.kystdesign.no

Sheet  
**2**  
File name  
**AB25-4000M01**  
of  
**2**

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