




WARNING ! READ OPENING INSTRUCTIONS ON PAGE 2

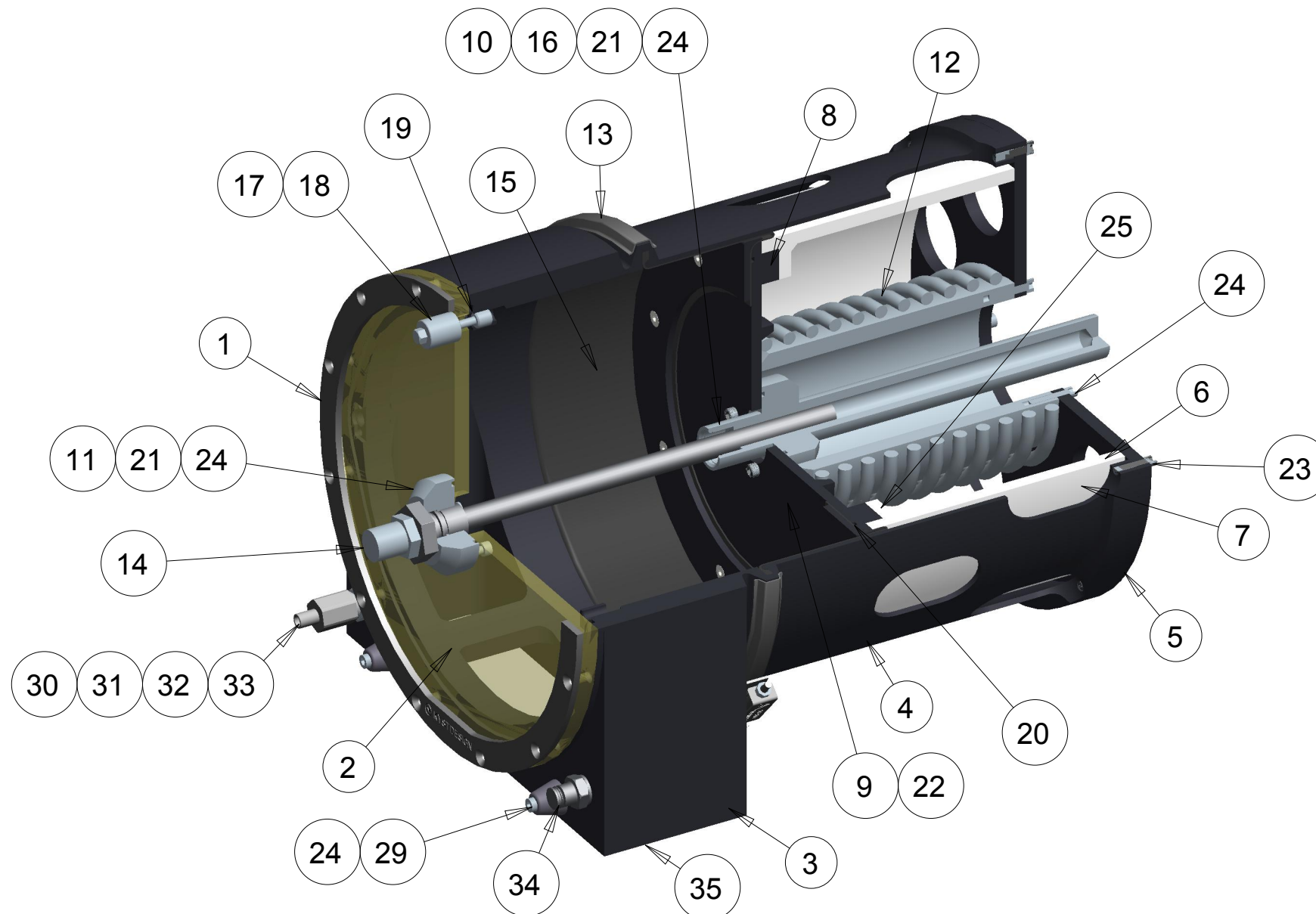
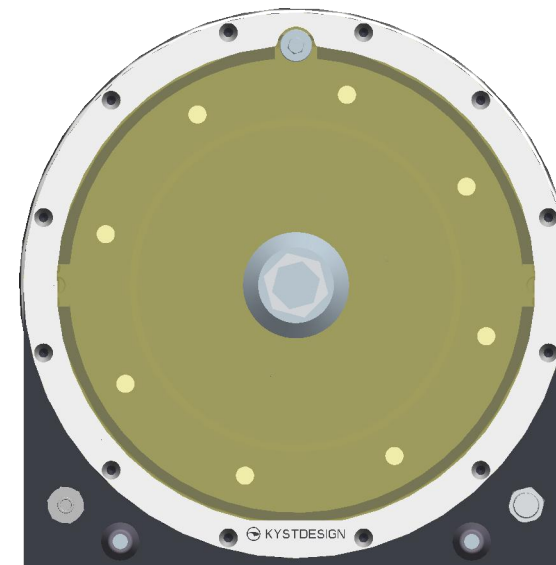
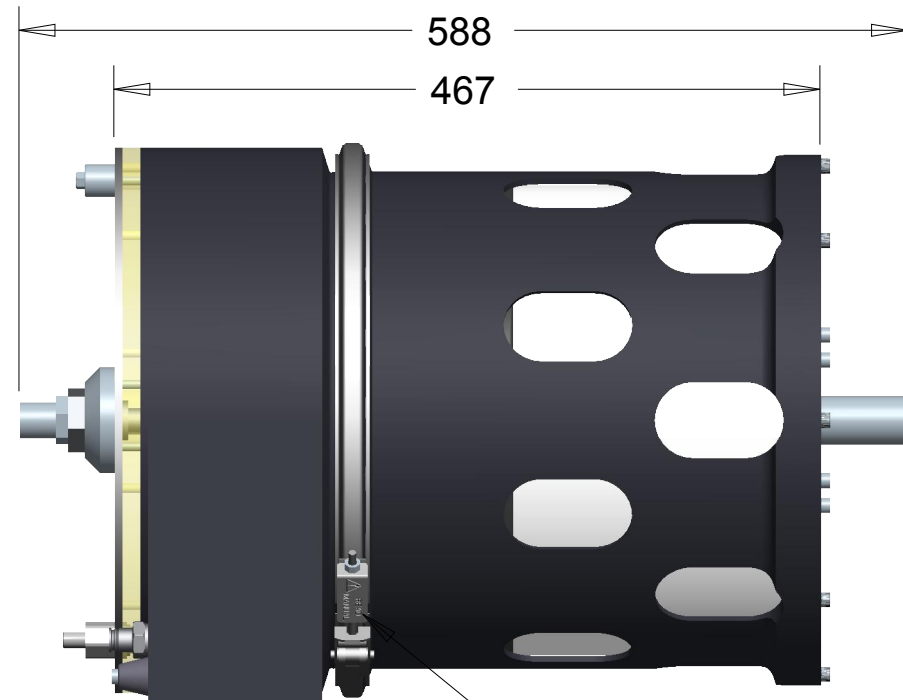
Weight in air.....30 kg
Volume.....15.8 L
Pressure.....0,15-0,25 Bar
Depth rate:
Without sensor..Full Ocean Depth
With sensor.....3000m

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



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	Scale 0.250	Sheet 1
	File name AB25-4000M01	of 2

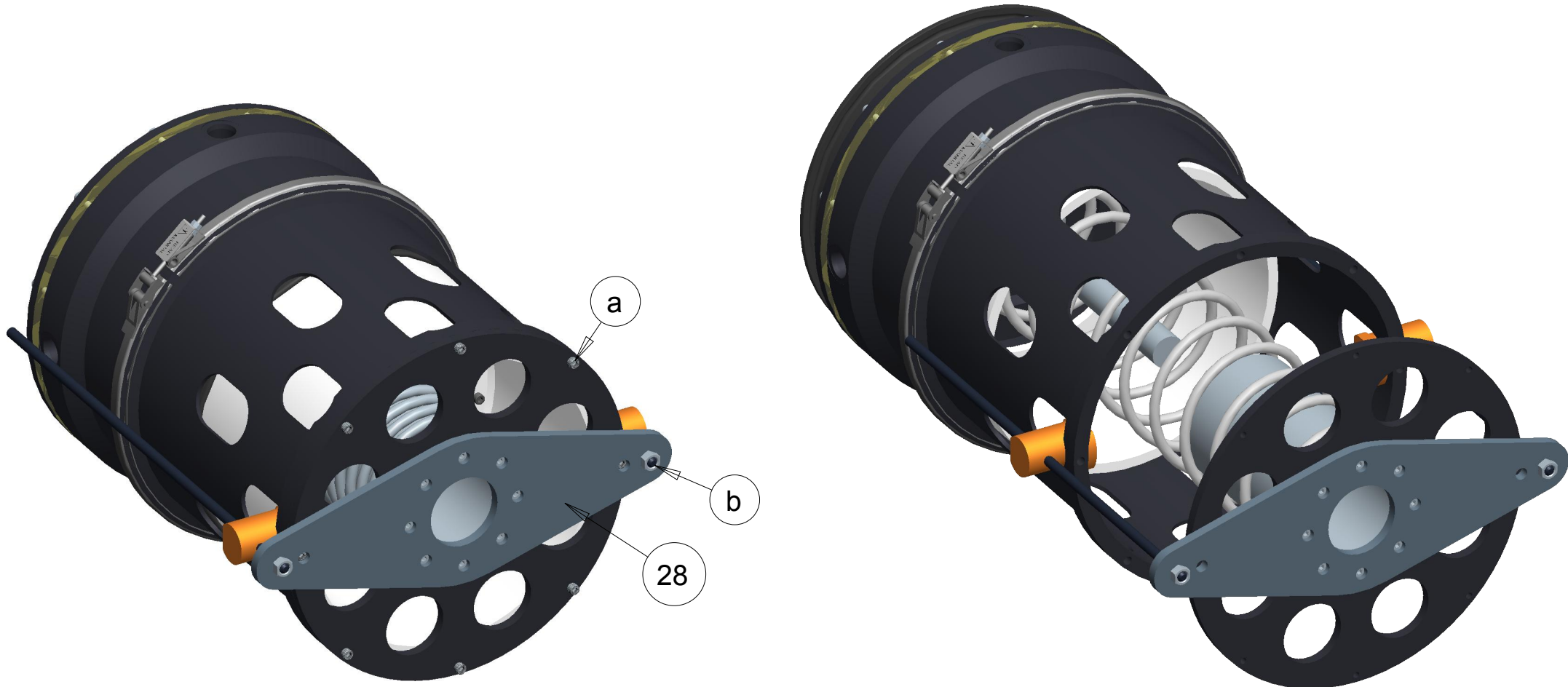


OPENING INSTRUCTIONS

- 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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Drawing title
16 Litre Compensator
ROV Version
General Arrangement

Size
A3

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