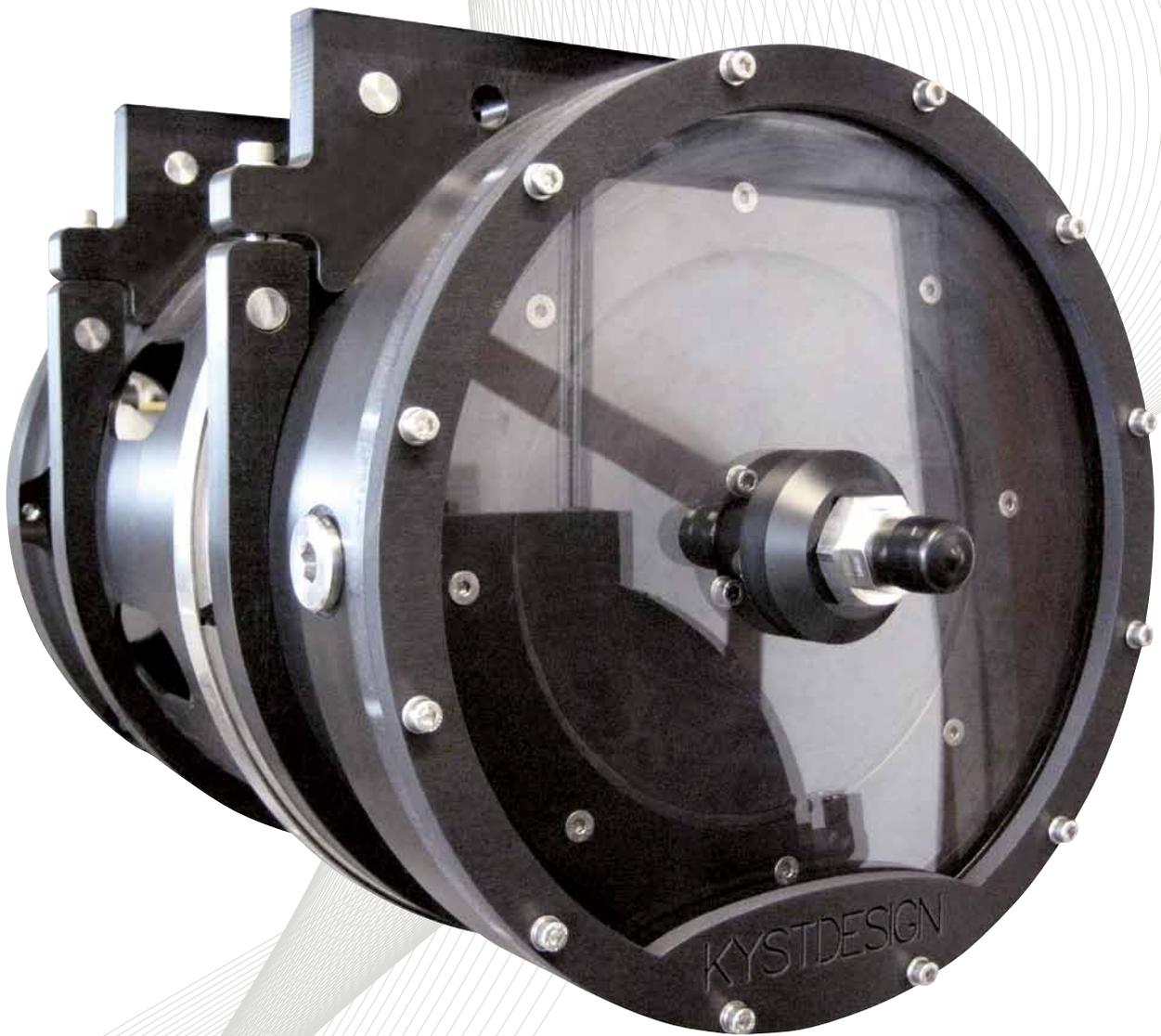


HYDRAULIC COMPENSATORS

– optimize your capacity



KYSTDESIGN
SUB-SEA TECHNOLOGY

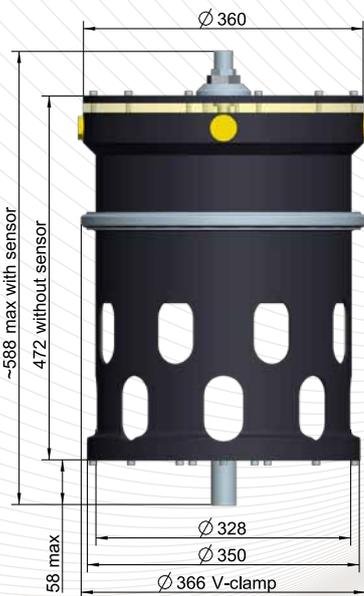
A wide range of Compensators

KYSTDESIGN offer a wide range of compensators for the subsea market. Our in-house designed compensators vary in volume from 0.25 litre to 16 litre.

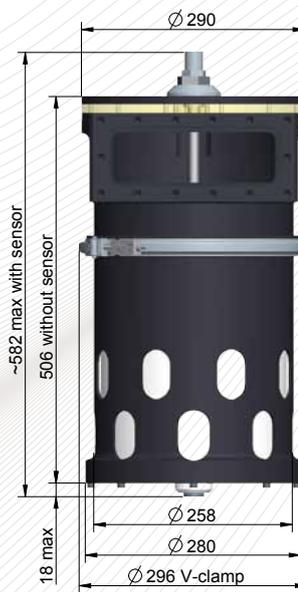
The 0.25 – 1.2 litre compensators all provide an interface which allows easy installation and stacking. These units, as well as the 2.5 and 6.3 litre, are made from POM. Anodized aluminium is used for the 10 and 16 litre units and the 2.5 litre high pressure compensator.

Optional analogue volume sensor is available for the 1.2, 6.0, 10 and 16 litre units. Even without volume sensor, the oil level can be visually read at a slot in the spring housing of all Kystdesign compensators (except for the 2.5 litre H.P.).

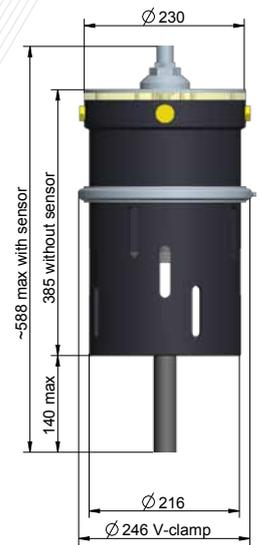
The 6.0 – 16 litre compensators have polycarbonate lids, enabling visual inspection of the fluid.



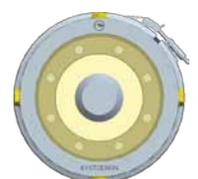
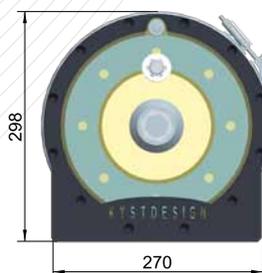
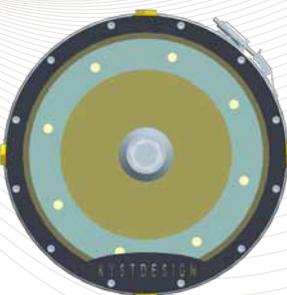
16L COMPENSATOR



10L COMPENSATOR



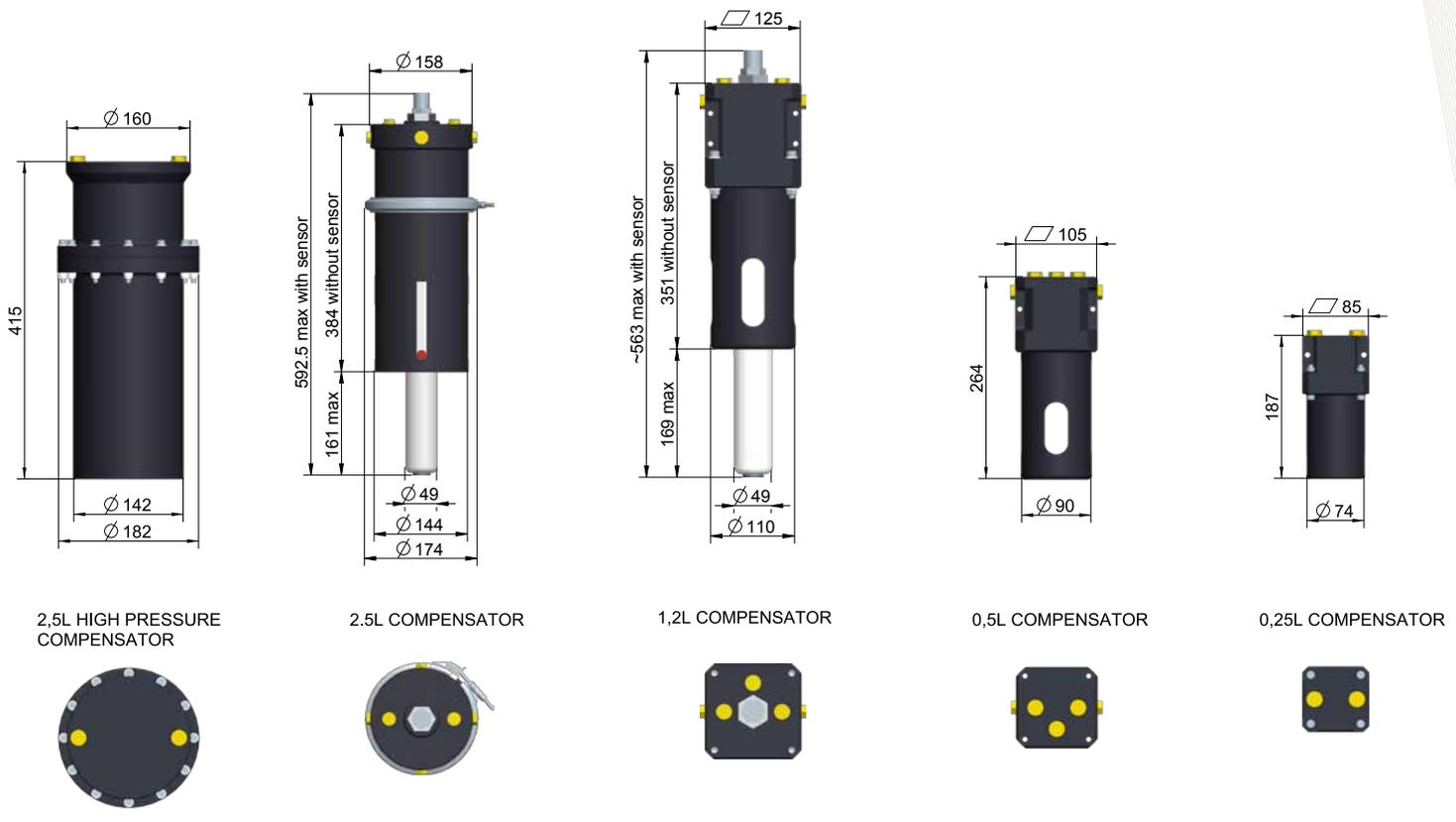
6.0 L COMPENSATOR



Flexible customised connection



Kystdesign can also custom make compensators according to you specifications



Compensator Technical specification



GENERAL	0,25 L	0,58 L	1,2 L	2,5 L	2,5 L H.P.	6,0 L	10 L	16 L
Kystdesign product ID	AB53 - DR02	AC18 - 1000M01	AB89 - 1037M01	AD86- 1000M01	AC53- 1000M01	AD85- 1000M01	AB89 - 1036M01	AB25 - DR010
Length without volume sensor [mm]	187	264	351	368	415	385	506	472
Length, with volum sensor [mm]	N.A	N.A	563	N.A	N.A	588	582	588
Width / diameter [mm]	85	105	125	Ø174	Ø182	Ø246	298	Ø366
Weight empty [Kg]	1,0 Kg	1,6 Kg	3,4 Kg	4,0 Kg	9,1 Kg	11,3 Kg	20,5 Kg	25 Kg
Color	Black	Black	Black	Black	Black	Black	Black	Black
PERFORMANCE								
Material	POM	POM	POM	POM	anodized AL.	POM	anodized AL.	anodized AL.
Active Volume	0,25 L	0,58 L	1,2 L	2,5 L	2,5 L	6,0 L	9,43 L	15,8 L
Pressure Empty	0,25 BAR	0,20 BAR	0,15 BAR	0,25 BAR	0,35 BAR	0,30 BAR	0,25 BAR	0,15 BAR
Pressure Full	0,55 BAR	0,55 BAR	0,55 BAR	0,60 BAR	0,75 BAR	0,55 BAR	0,35 BAR	0,25 BAR
Hydraulic Connection	1/4"BSP	1/4"BSP	3/8" BSP	3/8" BSP	3/8" BSP	1/2" BSP	Manifold	3/4" BSP
No Off Hyd. Connection ports	2	5	5	7	2	4		4
Optional Volume Sensor	-	-	Yes	-	-	Yes	Yes	Yes
Max. Operational Pressure [bar]	1,5	1,5	1,5	1,5	10	1,5	1,5	1,5



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