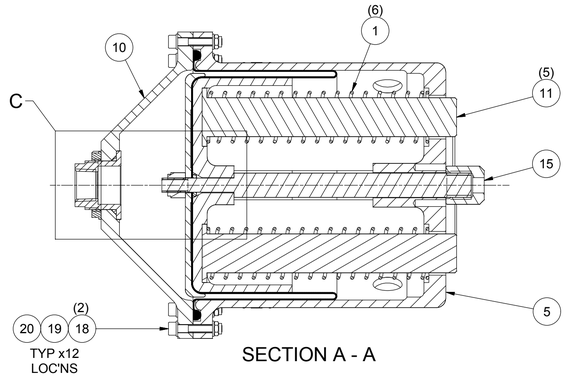
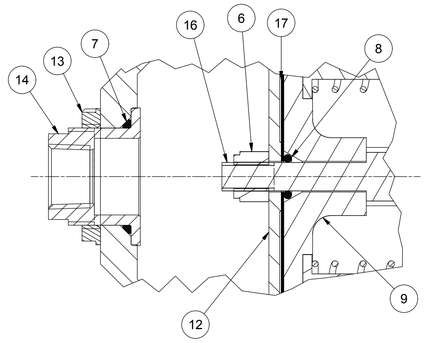
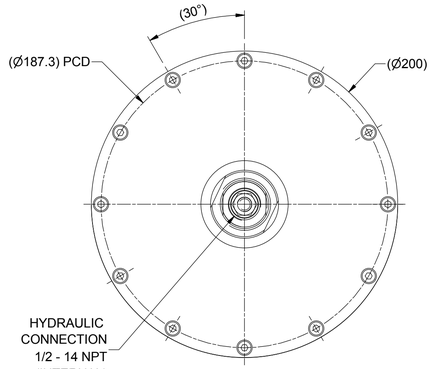


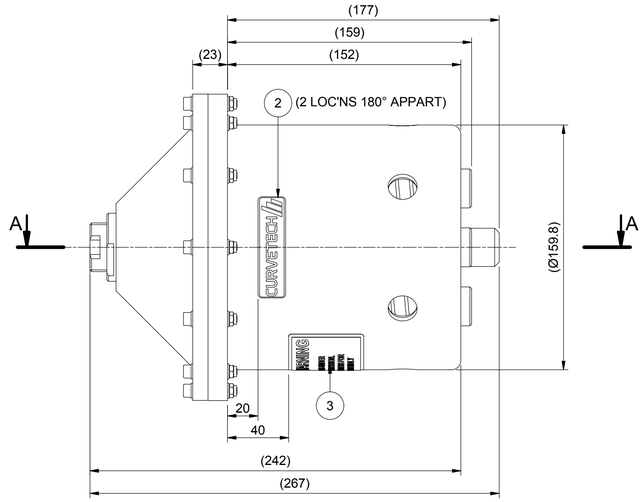
SECTION A - A

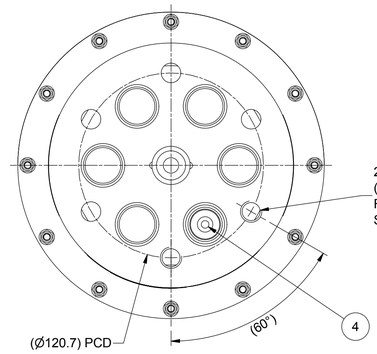


DETAIL C
SCALE 1 : 1

WARNING ! DANGER OF INJURY.
CARE MUST BE TAKEN WHEN FITTING OR REMOVING SPRING.
A HYDRAULIC PRESS WITH RELEVANT SAFETY FEATURES
SHOULD BE USED TO COMPRESS OR RELEASE THE SPRINGS.

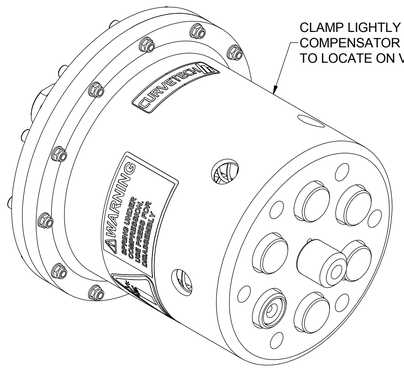




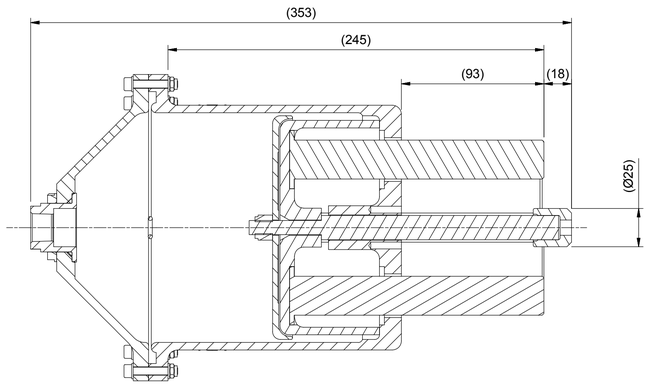


SPECIFICATION (ESTIMATE)		
WEIGHT	IN AIR	3.5 kg
	IN WATER	1.4 kg
	IN AIR WITH OIL	5.1 kg
	IN SEA WATER WITH OIL	1.1 kg
VOLUME	FULL (COMPENSATED)	1.42 Litre
	EMPTY (RESIDUAL)	0.43 Litre
PRESSURE	FULL	1.28 bar
	EMPTY	0.5 bar

NOTES :-
1. ASSEMBLE IN ACCORDANCE WITH SMD SPECIFICATION W100.
2. APPLY MOLYKOTE GREASE ON 'O-RINGS' & APPLY AQUALUBE GREASE TO ALL THREADS.
3. BLANK ALL PORTS AFTER BUILD.
4. IF IN DOUBT PLEASE ASK.



ISOMETRIC VIEW



SECTION B - B
SHOWING COMPENSATOR FULL

ITEM	PART No	DESCRIPTION	QTY
1	AE8995	SPRING 1-5 psi	6
2	AJ7205	LABEL CURVETECH LOGO (BLACK ON TRANSPARENT)	2
3	AK1872	LABEL WARNING SPRING UNDER COMPRESSION	1
4	DV_3004	COMP-534 SPRING GUIDE TUBE C/W MAGNET	1
5	DV_3005	Comp-534 Housing Modified	1
6	ON_1007	NUT 3/8"UNC NYLOC	1
7	OR_1017	O RING 124 _CHAMFER SEAL	1
8	OR_1018	O RING BS110	1
9	OV_4191	Compensator - 534 Piston	1
10	OV_4192	Compensator - 534 End Cap	1
11	OV_4193	SPRING GUIDE TUBE (COMP TYPE 534)	5
12	OV_4194	Compensator-534 Attachment Plate	1
13	OV_4195	LOCKING RING - 38 A/F	1
14	OV_4196	COMPENSATOR-534 ADAPTOR	1
15	OV_4197	COMPENSATOR-534 CAP	1
16	OV_4198	COMPENSATOR-534 SPINDLE	1
17	OV_4199	DIAPHRAGM 2.5L COMPENSATOR	1
18	PA4892	WASHER M5 FLAT BS4320 FORM A SS A2	24
19	PC9412	BOLT M5 x 30 SHCS SS A2-70	12
20	PD7552	NUT M5 NYLOC SS A2-70	12

REV	DATE	CHANGE COMMENT	ZONE	DRAWN	CHECKED	APPD

DATE	EST. MASS	DIMENSIONS	SCALE	PROJECTION 3RD
23 JAN 17	3 kg	mm	1 : 5	

DESIGNED	DRAWN
PM	LO

CHECKED	APPROVED
MvZ	MvZ

TOLERANCES UNLESS OTHERWISE STATED

DIMENSIONS mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000
FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0
MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0

MATERIAL:-

DO NOT SCALE
IF IN DOUBT ASK

TITLE
ASSEMBLY COMPENSATOR 2.5 PINT
(1.42L) - 1x1/2" NPT - 7-19 PSI

DRAWING No: EV_4001-5 | REV No.: 0 | SIZE: A1
SHEET 1 OF 1

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