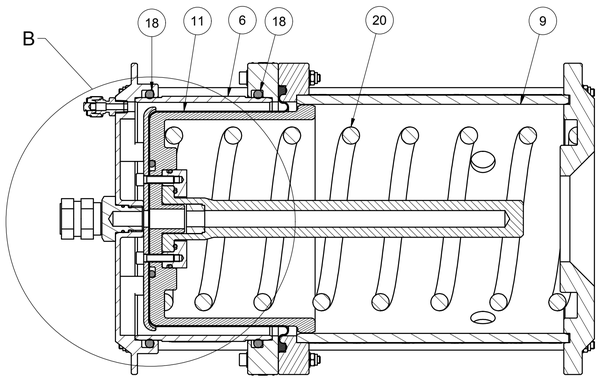
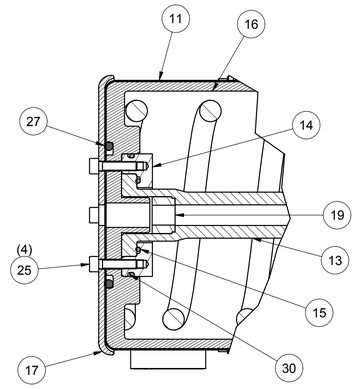
PARTS LIST			
ITEM	PART No	DESCRIPTION	QTY
1	AA3146	CONNECTOR MALE 1/8"NPT x 1/4" TUBE	1
2	AA3195	FITTING PLUG 1/4" SS A4 - SWAGELOK SS-400-P	1
3	AA7426	VALVE RELIEF 30psi (3/4"NPT)	1
4	AC9729	BLANK - ROTA TRANSDUCER LJW	1
5	AC9793	TOP PLATE - 6L COMPENSATOR	1
6	AC9794	HOUSING UPPER - 6L COMPENSATOR	1
7	AC9795	FLANGE COUPLING UPPER - 6L COMPENSATOR	1
8	AC9796	FLANGE COUPLING LOWER - 6L COMPENSATOR	1
9	AC9797	HOUSING LOWER - 6L COMP	1
10	AC9798	BASE PLATE - 6L COMPENSATOR	1
11	AC9799	DIAPHRAGM - 6L COMPENSATOR	1
12	AC9800	TIE BAR - 6L COMP	6
13	AD0213	HOUSING TRANSDUCER	1
14	AD0293	CAP PLATE SENSOR HOUSING	1
15	AD0541	SEAL O-RING 41.5 x 3.0 NBR70	1
16	AD0710	PISTON - 6L COMPENSATOR	1
17	AD0713	RETAINER DIAPHRAGM - 6L COMPENSATOR	1
18	AD1227	SEAL O-RING / 6.99 x 196.22	2
19	AD1786	MAGNET ROTA LJ1234	1
20	AD8677	SPRING 6L RESERVOIR (HIGH PRESSURE)	1
21	AJ7205	LABEL CURVETECH LOGO (BLACK ON TRANSPARENT)	2
22	AJ7481	LABEL WARNING SPRING UNDER COMPRESSION	1
23	AJ8833	LABEL 6L COMPENSATOR LEVEL	2
24	PA0078	NUT M6 NYLOC SS A2-70	24
25	PA0192	BOLT M6 x 25 SHCS SS A2-70	4
26	PA0546	WASHER M6 FLAT BS4320 FORM B SS A2	36
27	PB7913	SEAL O-RING 84.3 x 5.7	1
28	PB9837	BOLT M6 x 60 SHCS SS A2-70	12
29	PC4025	O' RING 18.77 OD x 1.78 SEC	1
30	PE1755	SEAL O-RING 74.5 X 3.0	1



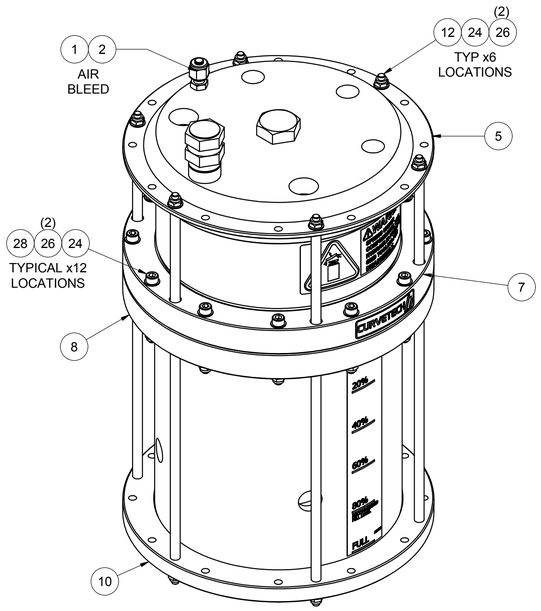
SECTION A-A

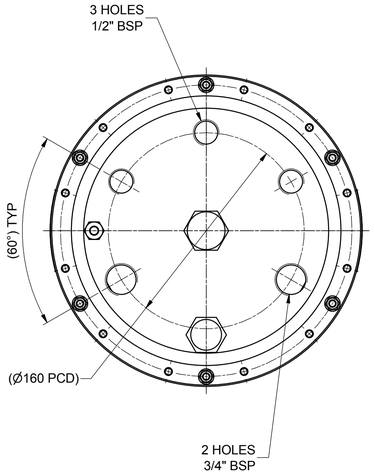


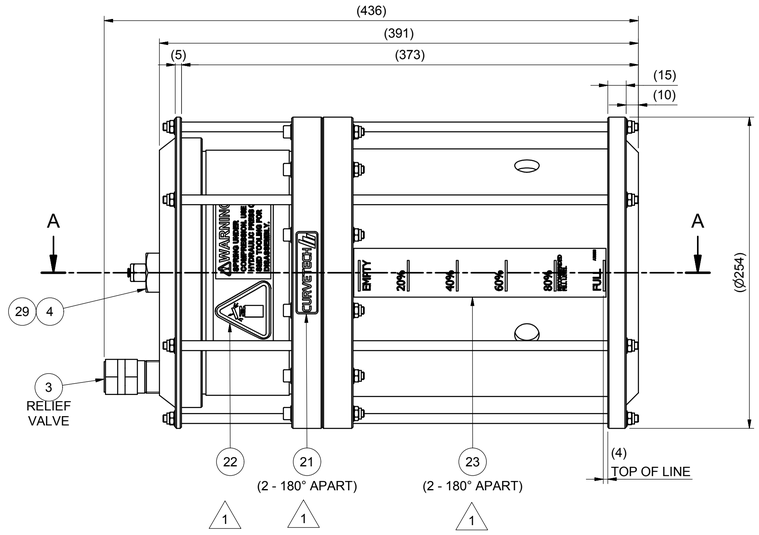
DETAIL B
(1 :2)

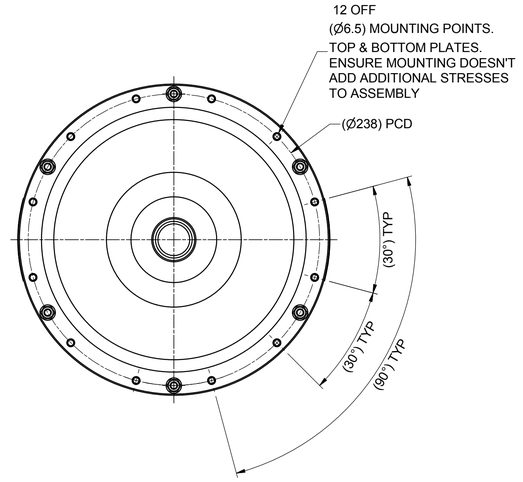
WARNING ! DANGER OF INJURY.

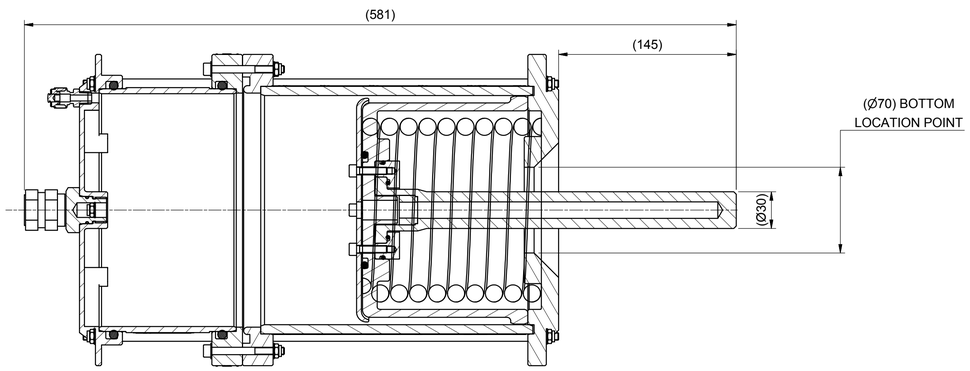
CARE MUST BE TAKEN WHEN FITTING OR REMOVING SPRING.
A HYDRAULIC PRESS WITH RELEVANT SAFETY FEATURES OR SMD
COMPRESSION TOOL (AJ7395) SHOULD BE USED TO COMPRESS OR RELEASE THE SPRING.











COMPENSATOR FULL
SCALE (1 : 2.5)

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.

SPECIFICATION (ESTIMATE)		
WEIGHT	IN AIR	17.1 kg
	IN WATER	11.4 kg
	IN AIR WITH OIL	22.3 kg
	IN SEA WATER WITH OIL	10.4 kg
VOLUME	FULL	6 Litre
	EMPTY	0 Litre
PRESSURE	FULL	1.6 bar
	EMPTY	0.2 bar

1

REV	DATE	CHANGE COMMENT	ZONE	DRAWN	CHECKED	APPD
1	04 OCT 16	DECALS AND SPEC TABLES ADDED AND FULL SECTION VIEW ADDED.	VAR	LO	PM	MvZ

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DATE	EST. MASS	DIMENSIONS	SCALE	PROJECTION 3RD
02 FEB 16	17 kg	mm	1 : 2.5	

DESIGNED	DRAWN
PM	PM

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

TITLE: ASSEMBLY COMPENSATOR 6L - BSP - 4-24 PSI - NO TRANSDUCER

MATERIAL:- N/A

DO NOT SCALE
IF IN DOUBT ASK

DRAWING No: EV_4006-19 | REV No.: 1 | SIZE: A1

SHEET 1 OF 1

SMD Soil Machine Dynamics Ltd