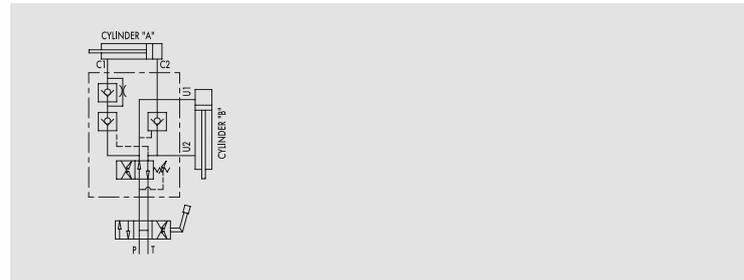


TYPE  
**VRAP SS**

HYDRAULIC DIAGRAM



## DOUBLE ACTING PLOUGH OVERTURNING VALVE BY DOWN MOULDBOARD LOAD SHIFTING

### USE AND OPERATION:

This valve has been realised for use on cylinders for reversible plough to obtain the automatic oil backflow and therefore the motion reversal of the hydraulic cylinder that makes the plough rotating. It has been studied to set in action 2 cylinders with disadvantageous rotation load (see scheme).

Operating instructions: the 2 cylinders work in parallel. First cylinder B starts lining up the load (it requires less pressure). Before the working ends, cylinder A starts overturning. Once it passed the standoff (90°), the cylinders A and B restart together.

### MATERIALS AND FEATURES:

Body: zinc-plated steel

Internal parts: hardened and ground steel

Seals: BUNA N standard

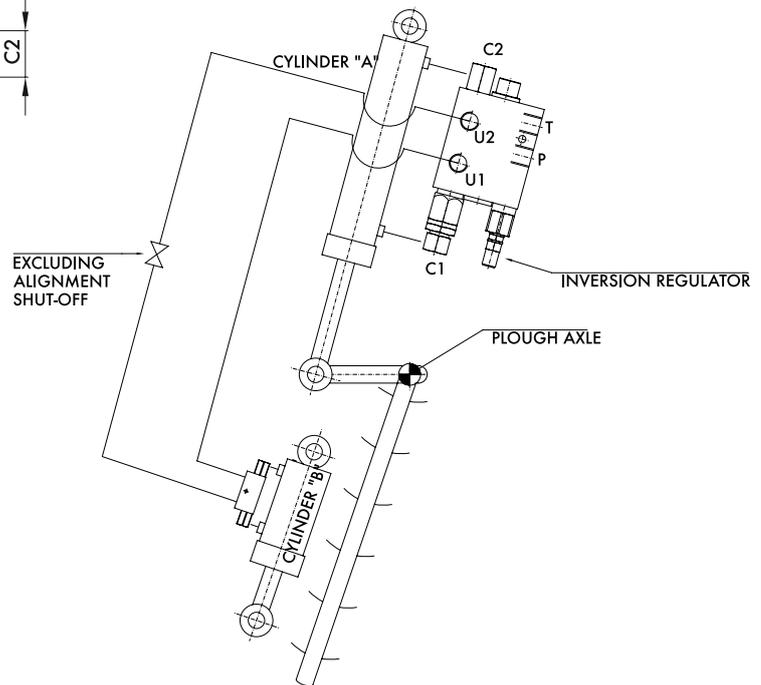
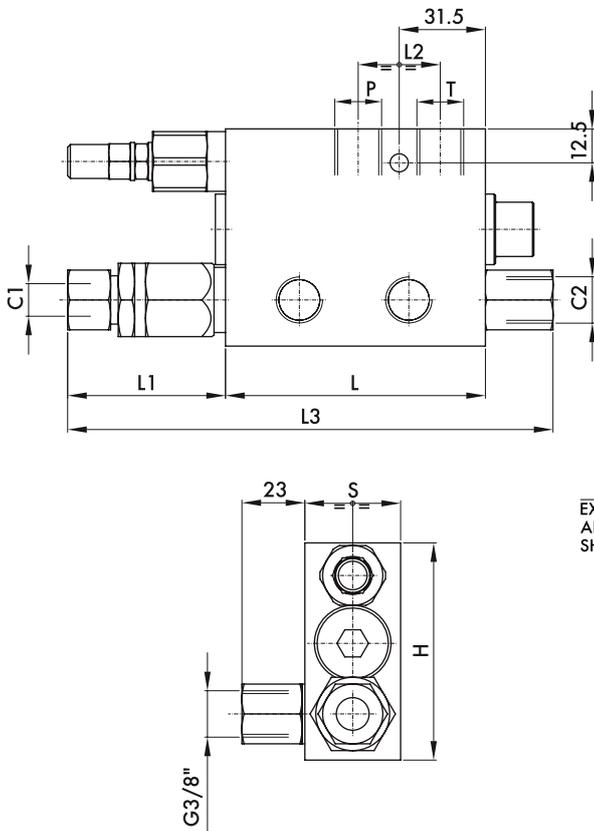
Poppet type: any leakage

These valves are supplied with exchange pressure at about 150 Bar: according to your requirements, pressure setting can be modified by acting on the pressure regulator.

### APPLICATIONS:

Connect C1 to the stem, C2 to the cylinder's block A, U1 to the block and U2 to the stem of the lining up cylinder's B; P and T to the machine inlet. Thanks to its shape, it can be in-line assembled on a hydraulic cylinder or directly fixed on the plough through the threaded hole made on the body.

CODE	TYPE	MAX EXCHANGE PRESSURE Bar	MAX PRESSURE Bar
<b>V0330</b>	VRAP 80/100 SS	250	400



CODE	TYPE	C2 P-T GAS	C1 mm	L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	WEIGHT Kg.
<b>V0330</b>	VRAP 80/100 SS	G 3/8"	Ø12	94	58	30	176	80	35	2,230