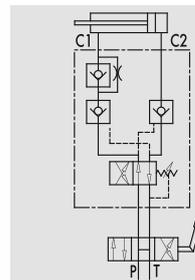


## Oszillier Ventil für doppelwirkende Zylinder

TYPE  
**VRAP DE**



HYDRAULIC DIAGRAM



## DOUBLE ACTING PLOUGH OVERTURNING VALVES

### 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 is provided with a double pilot check valve which guarantees high safety and enables to put and block the cylinder in any position.

The motion reversal of the piston is made through a compensated type relief valve exactly in the dead point of the plough, generating more power and speed. It can be assembled on heavy and unbalanced plough with the following internal diameters: 40/50, 60/80, 80/100, 100/110, 110/130 mm.

### MATERIALS AND FEATURES:

Body: zinc-plated steel

Internal parts: hardened and ground steel

Seals: BUNA N standard

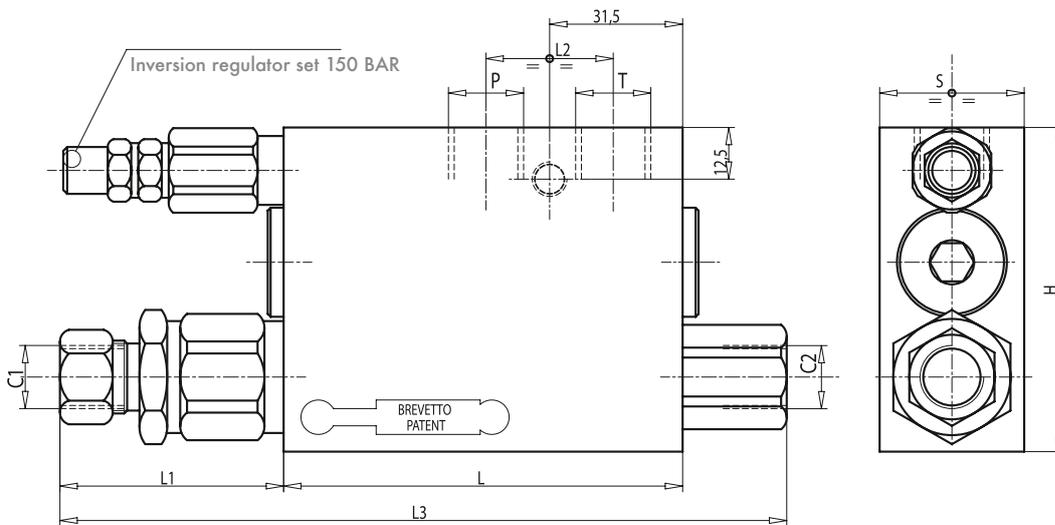
Poppet type: any leakage

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 cylinder's stem, C2 to the block, 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>V0282</b>	VRAP 40/50 DE	250	400
<b>V0290</b>	VRAP 60/80 DE	250	400
<b>V0300</b>	VRAP 80/100 DE	250	400
<b>V0302</b>	VRAP 100/110 DE	250	400
<b>V0320</b>	VRAP 110/130 DE	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>V0282</b>	VRAP 40/50 DE	G 3/8"	Ø12	94	58	30	176	80	35	2,130
<b>V0290</b>	VRAP 60/80 DE	G 3/8"	Ø12	94	58	30	176	80	35	2,140
<b>V0300</b>	VRAP 80/100 DE	G 3/8"	Ø12	94	58	30	176	80	35	2,140
<b>V0302</b>	VRAP 100/110 DE	G 3/8"	Ø12	94	58	30	176	80	35	2,140
<b>V0320</b>	VRAP 110/130 DE	G 3/8"	Ø12	94	58	30	176	80	35	2,130