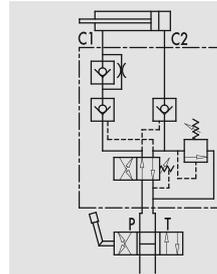


Oszillier Ventil für doppelwirkende Zylinder mit Druckbegrenzungsventil



TYPE
VRAP DE + VMP

HYDRAULIC DIAGRAM



DOUBLE ACTING PLOUGH OVERTURNING VALVES WITH RELIEF VALVE

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 and with a relief valve that enables to reduce the thrust pressure (block side) in order not to damage the mechanical locks and the plough's head. 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's ideal for assembly on heavy and unbalanced plough with the following internal diameters: 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

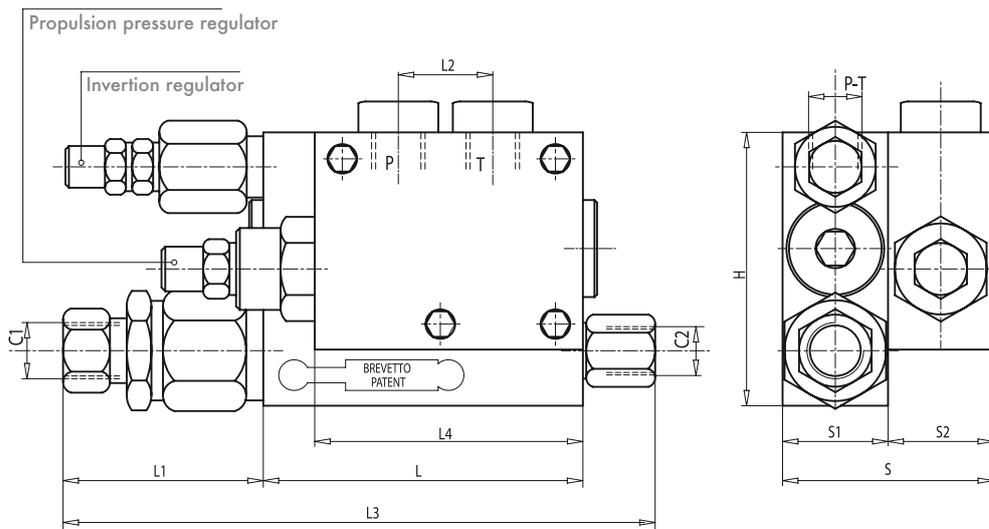
Poppet type: any leakage

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. Relief valve is set at 90 Bar.

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
V0350	VRAP 60/80 DE + VMP	250	400
V0360	VRAP 80/100 DE + VMP	250	400
V0376	VRAP 100/110 DE + VMP	250	400
V0380	VRAP 110/130 DE + VMP	250	400



CODE	TYPE	C2 P-T GAS	C1 mm	L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S1 mm	S2 mm	S mm	WEIGHT Kg.
V0350	VRAP 60/80 DE + VMP	G 3/8"	Ø12	94	58	30	176	72	80	35	30	65	3,200
V0360	VRAP 80/100 DE + VMP	G 3/8"	Ø12	94	58	30	176	72	80	35	30	65	3,190
V0376	VRAP 100/110 DE + VMP	G 3/8"	Ø12	94	58	30	176	72	80	35	30	65	3,190
V0380	VRAP 110/130 DE + VMP	G 3/8"	Ø12	94	58	30	176	72	80	35	30	65	3,160