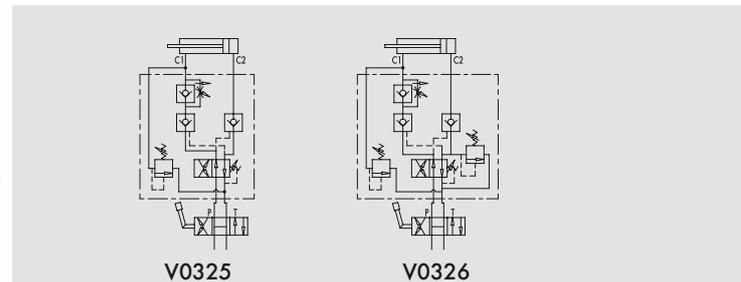


Oszillier Ventil für doppelwirkende Zylinder mit Druckbegrenzungsventil

TYPE
VRAP FSCM

HYDRAULIC DIAGRAM



DOUBLE ACTING PLOUGH OUTSIDE DRILLS OVERTURNING VALVES FOR CYLINDER WITH MEMORY AND WITHOUT MEMORY

USE AND OPERATION:

Valves for actuators with memory (V0325): realized for use on cylinders with memory for outside drills reversible ploughs, it's provided with a dual cross relief valve which provides protection against tear's shocks when the plough exceeds the dead point.

Valves for actuators without memory (V0326): realised for use on cylinders without memory for outside drills reversible ploughs, it is provided with a dual cross relief valve and with a relief valve: this enables to reduce the thrust pressure (block side) in order not to damage the mechanical locks and the plough's head.

Both systems are provided with a fixed compensated flow control valve which allows to keep a constant speed whether the plough works inside the drills or outside.

MATERIALS AND FEATURES:

Body: zinc-plated steel

Internal parts: hardened and ground steel

Seals: BUNA N standard

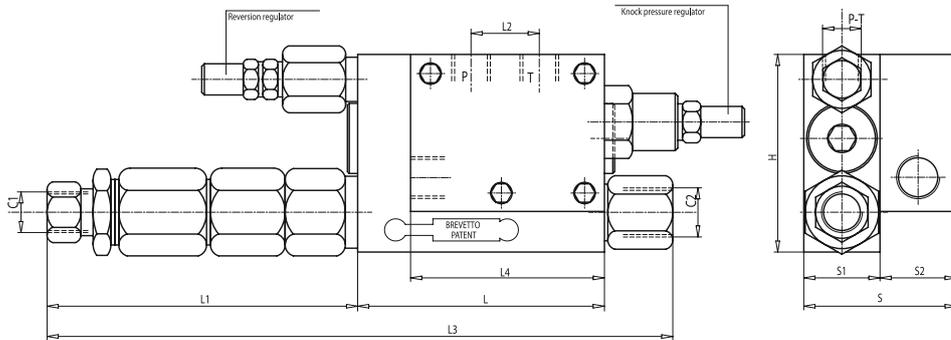
Poppet type: any leakage

These valves are supplied with exchange pressure at about 150 Bar, the relief valve is set at 90 Bar and the dual cross relief valve at 210 Bar. According to your requirements, pressure settings can be modified.

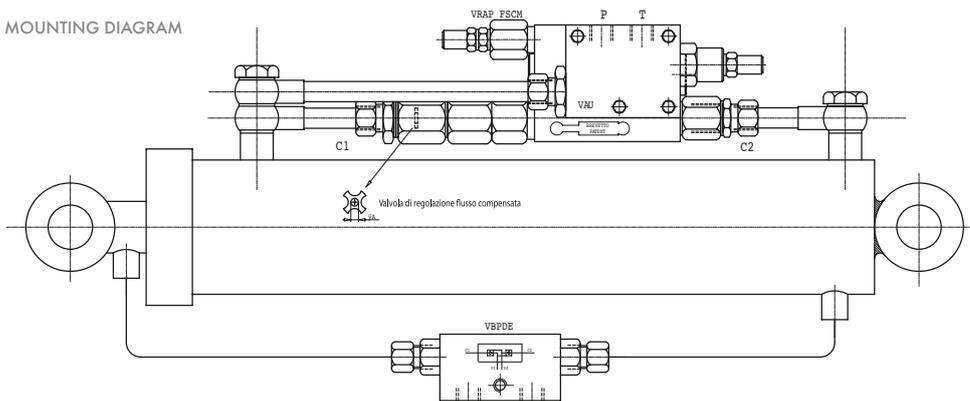
APPLICATIONS:

Connect C1 and the dual cross relief valve to the cylinder from the stem side through the double holed screw (supplied with the valves) and double banjos, connect C2 to the cylinder from the block's side, P and T to the machine inlet.

| CODE | TYPE | MAX EXCHANGE PRESSURE Bar | MAX PRESSURE Bar |
|--------------|-------------------|---------------------------|------------------|
| V0325 | VRAP 110/130 FSCM | 250 | 400 |
| V0326 | VRAP 110/130 FSSM | 250 | 400 |



MOUNTING DIAGRAM



| CODE | TYPE | C2 P-T GAS | C1 mm | L mm | L1 mm | L2 mm | L3 mm | H mm | S mm | S1 mm | WEIGHT Kg. |
|--------------|-------------------|------------|-------|------|-------|-------|-------|------|------|-------|------------|
| V0325 | VRAP 110/130 FSCM | G 3/8" | Ø12 | 94 | 123 | 30 | 241 | 80 | 35 | 65 | 3,390 |
| V0326 | VRAP 110/130 FSSM | G 3/8" | Ø12 | 94 | 123 | 30 | 241 | 80 | 35 | 65 | 3,390 |