SINGLE ACTING PLOUGH OVERTURNING VALVES



VRA SE

Maximum Exchange Pressure 200 Bar Maximum 400 Bar

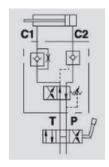


Description & Operation

This valve has been designed for use on cylinders for reversible ploughs to obtain the automatic oil flow reversal, and therefore the reversal of the hydraulic cylinder which rotates the plough. It is provided with a single pilot opetated check valve which provides leakage control on the cylinder head side, only whilst the rod side must be secured on the plough's mechnical stops. This valve is not recomended for ploughs which rotate the frame upwards.

Connect C1 to the cylinder's rod side, C2 to the head side, P and T to the machine's pressure flow. Thanks to its shape, it can be assembled in-line on the hydraulic cylinder or directly fixed onto the plough by the threaded hole in the valve body.





Hydraulic Symbol

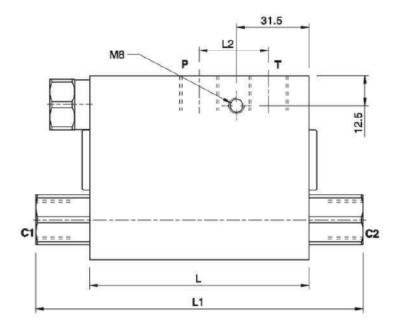
Technical Data

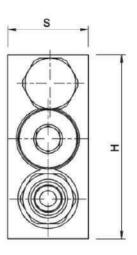
Maximum Exhange Pressure	200 Bar
Maximum Pressure	400 Bar
Body Material	Steel
Internal parts	Hardened and Ground steel
External Component treatment	Zn/Fe - standard (96h) / Zn/Ni (720h)
Oil Temperature	50 Deg. C
Fluids	Mineral based or synthetics with lubricating properties
Viscosity	30 cSt
Standard Sealing	NBR-Buna N
Filteration	20/18/15 ISO 4406 (Max. Filteration admitted)
Orientation / Mounting	Inline
Weight	See Ordering details

Specifications

Туре	Max Exchange Pressure	Max Pressure		
	Bar	Bar		
VRA 40/50 SE	200	400		
VRA 60/80 SE	200	400		

Dimensional Drawing





||||| Ordering Details

Code Type	C1-C2 P-T	L	LI	L2	Н	s	Weight	
	туре	GAS	mm	mm	mm	mm	mm	Kg
R-V0278	VRA 40/50 SE	G 3/8"	94	142	30	80	35	1.990
R-V0280	VRA 60/80 SE	G 3/8"	94	142	30	80	35	1.990