

Oleodinamica Marchesini V0278 VRA 40/50 SE plough overturning valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V0278
Published model: V0278

About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

Execution notes and conditions

Exact supplier-offered code, not a generated pressure-setting option.

Manufacturer photo represents the series.

No operating temperature range inferred from 50C curve conditions.

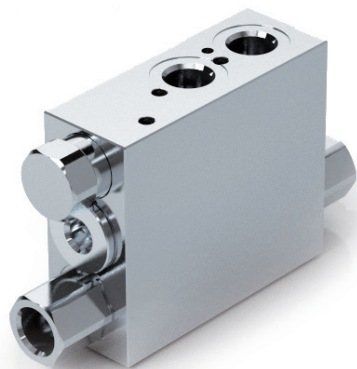
Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

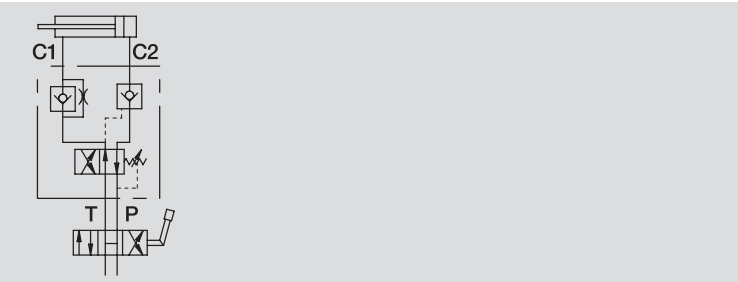
Source A: Oleodinamica Marchesini VRA SE technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Complete applicable manufacturer article table, circuit, ratings, installation and dimensions

VALVOLE DI RIBALTAMENTO ARATRO A SEMPLICE EFFETTO
SINGLE ACTING PLOUGH OVERTURNING VALVES



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola realizzata per l'impiego su cilindri per aratri reversibili, in modo da ottenere l'inversione automatica del flusso d'olio e quindi del moto del cilindro idraulico atto a portare in rotazione l'aratro. È dotata di una valvola di blocco a semplice effetto pertanto mantiene la sicurezza solo dalla parte del fondello mentre dalla parte dello stelo deve essere appoggiata sui fermi meccanici dell'aratro. Ne è consigliato il montaggio su aratri con rotazione verso i sopra.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: a cono guidato. Non ammette trafilamenti.
Le valvole vengono fornite con pressione di scambio di 125-140 Bar.

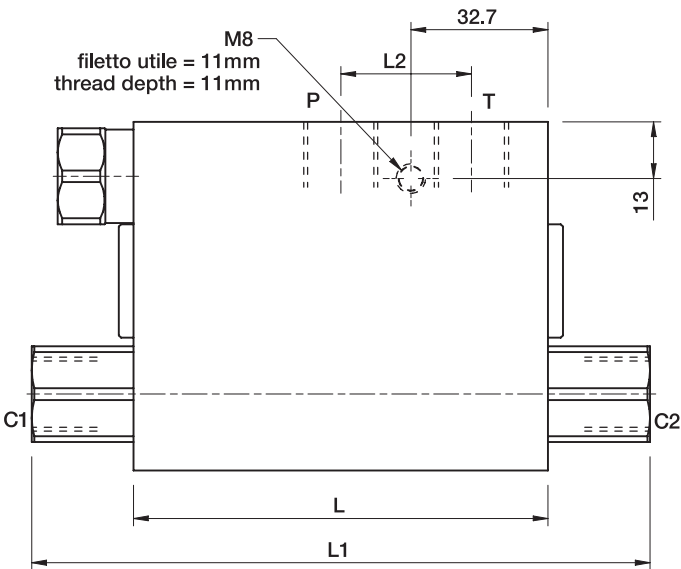
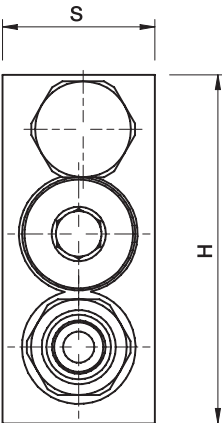
MONTAGGIO:
Collegare C1 allo stelo del cilindro, C2 al fondello e P e T alle prese macchina. Data la particolare configurazione, queste valvole possono essere montate in linea sul cilindro idraulico o fissate direttamente alla struttura dell'aratro tramite il foro filettato ricavato nel corpo.

USE AND 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 operated check valve which provides leakage control on the cylinder head side, only whilst the rod side must be secured on the plough's mechanical stops.
This valve is not recommended for ploughs which rotate the frame upwards.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Load holding: guided poppet, negligible leakage.
These valves are supplied with exchange pressure of 125-140 bar.

CONNECTIONS:
Connect C1 to the cylinder's rod side, C2 to the head side, P and T to the machine's supply. 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.

CODICE CODE	SIGLA TYPE	PRESSIONE MASSIMA DI SCAMBIO MAX EXCHANGE PRESSURE Bar	PRESSIONE MAX MAX PRESSURE Bar
V0278	VRA 40/50 SE	200	400
V0280	VRA 60/80 SE	200	400



NOTA/NOTE:
Su richiesta, è possibile ordinare la versione con regolazione (COD/CR)
On request, it is possible to order the version with regulation (COD/CR)

CODICE CODE	SIGLA TYPE	C1 - C2 P - T GAS	L mm	L1 mm	L2 mm	H mm	S mm	PESO WEIGHT Kg.
V0278	VRA 40/50 SE	G 3/8"	95	142	30	80	35	1,990
V0280	VRA 60/80 SE	G 3/8"	95	142	30	80	35	1,990