

Oleodinamica Marchesini V0326 VRAP 110/130 FSSM plough overturning valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V0326
Published model: V0326

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.

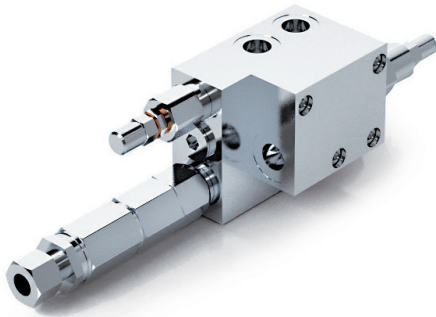
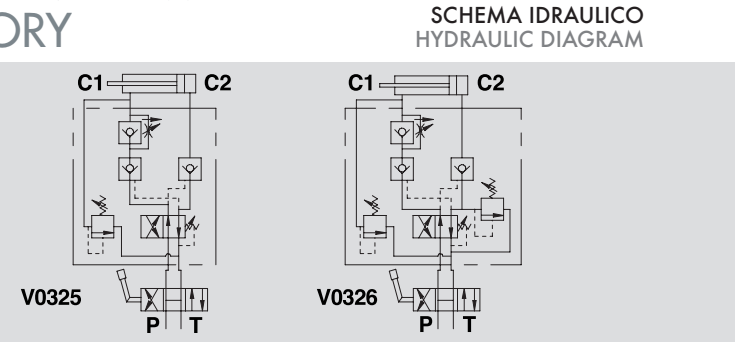
Source-page index

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 VRAP FSCM/SM 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 DOPPIO EFFETTO
FUORI SOLCO PER CILINDRO CON MEMORIA
E PER CILINDRO SENZA MEMORIA
DOUBLE ACTING PLOUGH ON LAND (OUTSIDE FURROW)
OVERTURNING VALVES FOR CYLINDER WITH
MEMORY AND WITHOUT MEMORY



IMPIEGO:
Valvola per attuatori con memoria (V0325): realizzata per l'impiego su cilindri con memoria per aratri reversibili fuori solco, è dotata di una valvola antiurto che ha la funzione di proteggere l'urto allo strappo quando l'aratro supera il punto morto.
Valvola per attuatori senza memoria (V0326): realizzata per l'impiego su cilindri senza memoria per aratri reversibili fuori solco, è dotata oltre che di una valvola antiurto anche di una valvola limitatrice di pressione che ha la funzione di ridurre la pressione nella spinta (parte del fondello) in modo da non danneggiare i fermi meccanici e la testata dell'aratro. Entrambi i sistemi sono dotati di valvola regolatrice di flusso fissa compensata che permette di mantenere una velocità costante sia che l'aratro lavori fuori solco o entro solco.
MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato
Componenti interni: acciaio temprato termicamente e rettificato
Guarnizioni: BUNA N standard
Tenuta: a cono guidato. Non ammette trafilamenti
La valvola viene fornita con pressione di scambio di circa 150 Bar, la valvola di massima pressione tarata a 90 Bar e la valvola antiurto a 210 Bar. A seconda delle diverse esigenze, le tarature predisposte possono essere modificate.

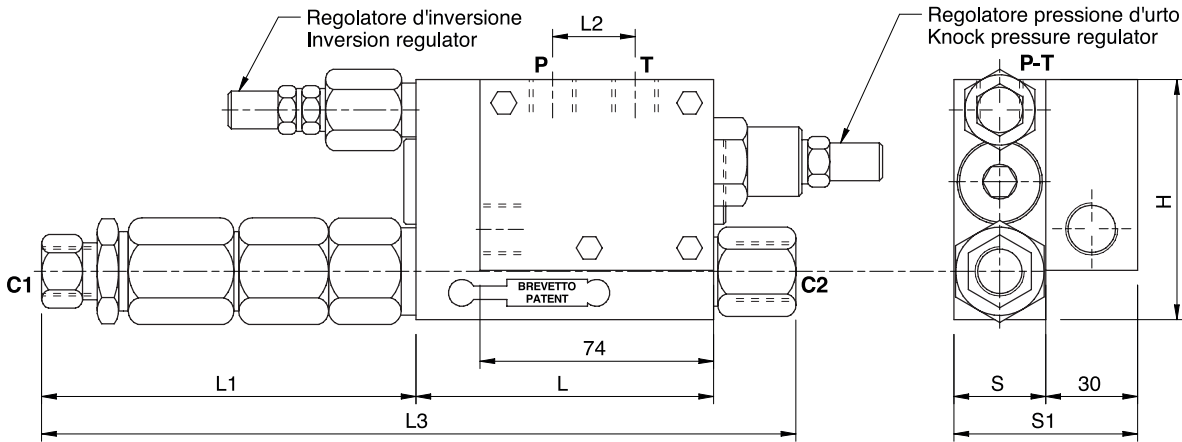
MONTAGGIO:
Collegare C1 e la valvola antiurto al cilindro dalla parte dello stelo mediante apposito bullone doppio forato (fornito con la valvola) e doppi raccordi a occhio, Collegare C2 al cilindro dalla parte del fondello e P e T alle prese macchina.

USE AND OPERATION:
Valves for actuators with memory (V0325): designed for use on cylinders with memory for on land reversible ploughs, it incorporates a relief valves which provides protection against shock forces when the plough passes the dead head point.
Valves for actuators without memory (V0326): designed for use on cylinders without memory for on land reversible ploughs, as well as the relief valve it has a pressure limiting function which reduces the maximum cylinder extension (head side) pressure in order not to damage the mechanical stops and the plough's stucture.
Both valves are provided with a fixed compensated flow control valve which allows constant speed whether the plough works in farrow or on land.

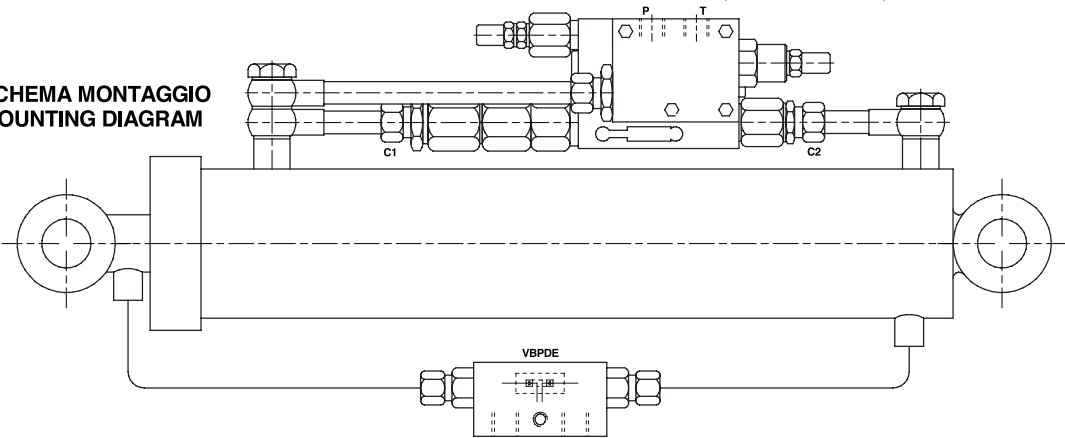
MATERIALS AND FEATURES:
Body: zinc-plated steel
Internal parts: hardened and ground steel
Seals: BUNA N standard
Load holding: guided poppet, negligible leakage.
These valves are supplied with the exchange pressure at about 150 Bar, the main relief valve is set to 90 Bar and the head side relief valve set to 210 Bar. According to your requirements the pressure settings can be modified.

CONNECTIONS:
Connect C1 and the relief valve to the cylinder's rod side, via the banjo bolt supplied with the valve.
Connect C2 to the head side, P and T to the machine's supply.

CODICE CODE	SIGLA TYPE	PRESSIONE MASSIMA DI SCAMBIO MAX EXCHANGE PRESSURE Bar	PRESSIONE MAX MAX PRESSURE Bar
V0325	VRAP 110/130 FSCM	250	400
V0326	VRAP 110/130 FSSM	250	400



SCHEMA MONTAGGIO
MOUNTING DIAGRAM



CODICE CODE	SIGLA TYPE	C2 P - T GAS	C1 mm	L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	S1 mm	PESO WEIGHT Kg.
V0325	VRAP 110/130 FSCM	G 3/8"	Ø12	95	123	30	241	80	35	65	3,390
V0326	VRAP 110/130 FSSM	G 3/8"	Ø12	95	123	30	241	80	35	65	3,390