Oleodinamica Marchesini V0297 VNS CS 3/8 non-stop plough accumulator valve

Manufacturer: Oleodinamica Marchesini

Manufacturer part number / published order designation: V0297

Published model: V0297

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 observed supplier article, not an expanded option combination.

Visible factory values govern stale hidden PDF text.

Assembly cartridge ratings distinguished from independently stated housing ratings.

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.

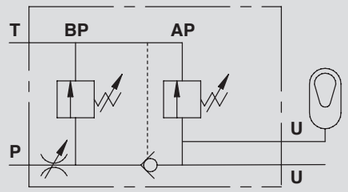
Source A: Oleodinamica Marchesini VNS CS technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Complete relevant original article table, hydraulic symbol, circuit, drawing and ordering notes

VALVOLA NO-STOP CON CARICO-SCARICO DELL'IMPIANTO PER ARATRI E RIPUNTATORI

NON-STOP VALVE FOR PLUGHS AND SUB SOIL TILLERS WITH NON-STOP FEATURE

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



CODICE CODE	SIGLA TYPE	PRESSIONE MAX MAX PRESSURE Bar
V0297	VNS CS 3/8"	350

IMPIEGO:
Valvola composta da due valvole limitatrici di pressione, una valvola di blocco e un regolatore di flusso. Viene utilizzata per caricare e scaricare gli impianti con accumulatore utilizzati su aratri e ripuntatori no-stop per proteggere l'attrezzatura dagli urti. La valvola deve essere utilizzata esclusivamente su distributori con utilizzi aperti o con leva flottante.

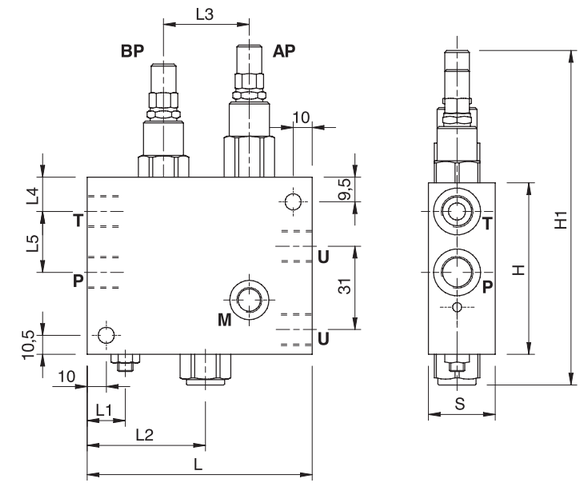
USE AND OPERATION:
This valve is made up by two relief valves, one check valve and a variable restrictor. It is used to charge and discharge the accumulator system used on non-stop ploughs and sub-soiler tillers in order to provide protection against shocks.
This valve should be exclusivelly used on open centre or float spools.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: a cono guidato. Non ammette trafilamenti.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Load holding: guided poppet, negligible leakage.

MONTAGGIO:
Collegare P e T all'alimentazione, U all'accumulatore e all'utilizzo.
Regolazione:
• BP regola la pressione di carico dell'impianto ed è tarabile tra 10-180 Bar
• AP regola l'eventuale apertura allo scarico di sicurezza ed è tarabile tra 80 e 300 Bar

CONNECTIONS:
Connect P to the machine supply, T to the drain or to tank for the eventual oil reuse and C to the system.
Adjustment:
• BP adjusts the loading pressure of system and is can be set between 10 and 180 Bar
• AP adjusts the maximum safety pressure and can be set between 80 and 300 Bar.



CODICE CODE	SIGLA TYPE	T - P . U GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	H mm	H1 mm	S mm	PESO WEIGHT Kg.
V0297	VNS CS 3/8"	G 3/8"	118	20	62	45	15	32	90	176,5	35	2.720