

Oleodinamica Marchesini V1447 VBCD DE NG10 CETOP 5 CC double counterbalance valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V1447
Published model: V1447

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

FactoryL151.5/L1281.5 used rather than misaligned suppliercolumns.

Exact observed article; no generated order-code configurations.

Manufacturer original drawing governs the selected execution.

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.

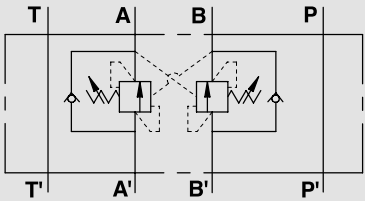
Source A: Oleodinamica Marchesini VBCD DE CETOP 5 technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Exact original article row, hydraulic symbol, ratings, dimensions and installation notes

VALVOLE DI BLOCCO E CONTROLLO DISCESA
A DOPPIO EFFETTO MODULARE CETOP 5
DOUBLE OVERCENTRE STACKABLE CETOP 5 VALVES



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola utilizzata per controllare il movimento e il blocco dell'attuatore in una sola direzione realizzando la discesa controllata del carico che non sfugge trascinato dal proprio peso, in quanto la valvola non consente alcuna cavitazione dell'attuatore. Il tipo "CC" è insensibile alle contropressioni e pertanto consente di utilizzare la pressione impostata dall'impianto per azionare più attuatori in serie.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: trafilamento trascurabile.
Taratura standard: 320 Bar.
La taratura della valvola deve essere almeno 1,3 volte superiore alla pressione indotta dal carico per consentire alla valvola di chiudersi anche quando sottoposta alla pressione corrispondente al carico massimo.

A RICHIESTA

- pressione di taratura diversa da quella standard.
- piombatura (CODICE/P000) e predisposizione alla piombatura (CODICE/PP).

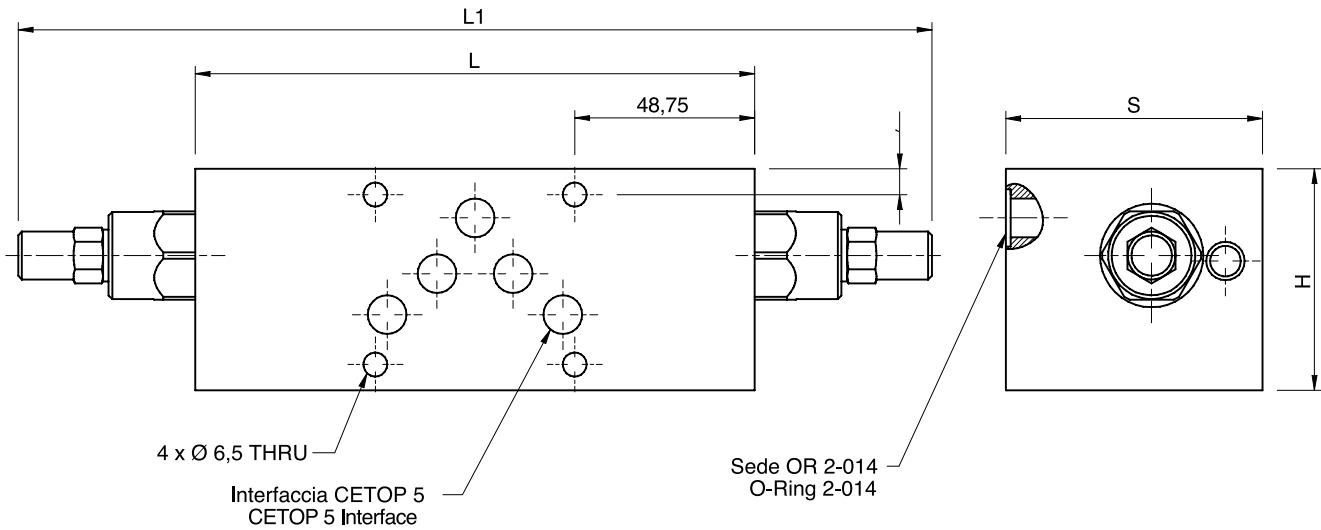
USE AND OPERATION:
These valves are used to control the actuator movements and block it in both directions. In order to have the descent of a load under control and avoid the load's weight being carried away the valve will prevent any cavitation of the actuator. Type "CC" is not sensitive to back pressure and allows the system pressure to move multiple actuators in series. The CETOP 5 interface guarantees maximum safety, minimal leakage and a very compact installation.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Leakage: negligible leakage.
Standard setting: 320 Bar.
Valve setting must be at least 1.3 times more than load pressure in order to enable the valve to close even when subjected to the maximum load pressure.

ON REQUEST

- other pressure settings are available
- sealing cap (CODE/P000) and arrangement for sealing cap (CODE/PP)

CODICE CODE	SIGLA TYPE	RAPP. PILOT PILOT RATIO	PORTATA MAX MAX FLOW lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1441	VBCD DE NG10 CETOP 5	1:4.5	80	350
V1447	VBCD DE NG10 CETOP 5 CC*	1:4.5	80	350



CODICE CODE	SIGLA TYPE	L mm	L1 mm	S mm	H mm	PESO WEIGHT kg
V1441	VBCD DE NG10 CETOP 5	151,5	247,5	69,5	60	4,645
V1447	VBCD DE NG10 CETOP 5 CC*	151,5	281,5	69,5	60	4,645

* CC= CENTRO CHIUSO / CLOSED CENTRE