

Oleodinamica Marchesini V1126 three-way pressure-compensated flow control valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V1126
Published model: V1126

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

V1126 common-data reference only. Current manufacturer RFC and supplier-retained manufacturer RFC-VU originals use the same article number but show different reverse-check circuits. Exact supplied revision, reverse-check presence/direction and installation port mapping are not certified; the two executions are not claimed interchangeable.

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: Current directly linked manufacturer V1126 RFC edition without illustrated reverse-check branch.

Original pages	Compiled pages	Relevant content
1	2	Current directly linked manufacturer V1126 RFC edition without illustrated reverse-check branch.

Source B: Different genuine manufacturer-authored V1126 RFC-VU edition linked by selected supplier. Visible reverse-check branch and A↔P statement; connection paragraph inconsistently uses E/P instead of P/A/B.

Supplemental stage/component reference; not a complete assembly drawing.

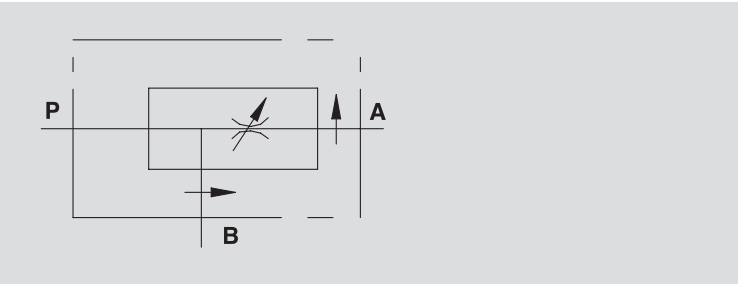
Original pages	Compiled pages	Relevant content
1	3	Different genuine manufacturer-authored V1126 RFC-VU edition linked by selected supplier. Visible reverse-check branch and A↔P statement; connection paragraph inconsistently uses E/P instead of P/A/B.

REGOLATORE DI FLUSSO COMPENSATO A 3 VIE
3-WAYS COMPENSATED FLOW CONTROL VALVE

NEW



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata sulla porta A indipendentemente dalle variazioni di pressione. La portata in eccesso viene mandata direttamente nella porta B ed è disponibile per un secondo utilizzo o come linea di scarico al serbatoio. Quando la porta B viene utilizzata come porta di lavoro secondaria, la pressione non deve superare la pressione sulla porta A.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato. Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

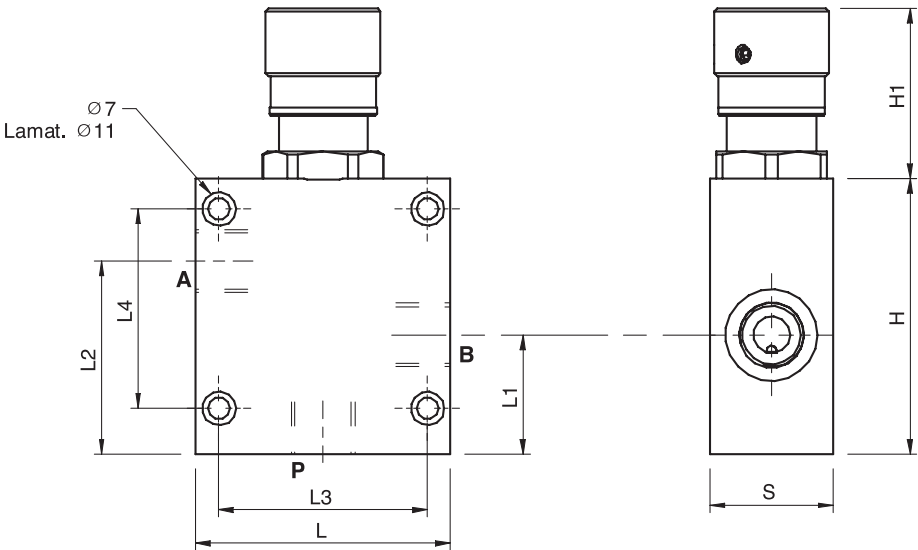
MONTAGGIO:
Collegare P all'alimentazione e A all'attuatore o alla linea di un impianto in cui si necessita la regolazione della portata. Collegare B al serbatoio o ad un attuatore. Per regolare la portata in entrata al ramo P, avvitare o svitare il volantino.

USE AND OPERATION:
This valve enables to keep the flow to constant on port A irrespective of the pressure variations. The excessive flow rate is discharged to port B and can be used as a secondary working port or return port to tank. When the port B is used as a secondary working port the pressure must not exceed the pressure on port A.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding: matched diameters, minimal leakage (few drops per minute).

CONNECTIONS:
Connect port P to the pressure supply line and port A to the actuator or to the circuit line where flow regulation is required. Connect port B to the tank or to another actuator. To adjust the flow rate entering through port P, tighten or loosen the adjustment knob.

CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW L./min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW L./min	PRESSIONE MAX MAX PRESSURE Bar
V1126	RFC - FLOW 70 LPM	70	70	350



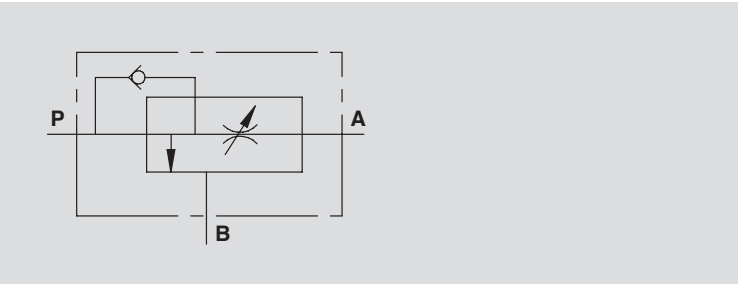
CODICE CODE	SIGLA TYPE	A-B GAS	P GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1126	RFC - FLOW 70 LPM	1/2"	3/4"	83	39	63	68	65	90	56	40	2,18

REGOLATORE DI FLUSSO COMPENSATO A 3 VIE
CON VALVOLA DI NON RITORNO
3-WAYS COMPENSATED FLOW CONTROL VALVE
WITH REVERSE CHECK

NEW



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata sulla porta A indipendentemente dalle variazioni di pressione. La portata in eccesso viene mandata direttamente nella porta B ed è disponibile per un secondo utilizzo o come linea di scarico al serbatoio. Quando la porta B viene utilizzata come porta di lavoro secondaria, la pressione non deve superare la pressione sulla porta A. La valvola di non ritorno fornisce un flusso libero nella direzione da A a P.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato. Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

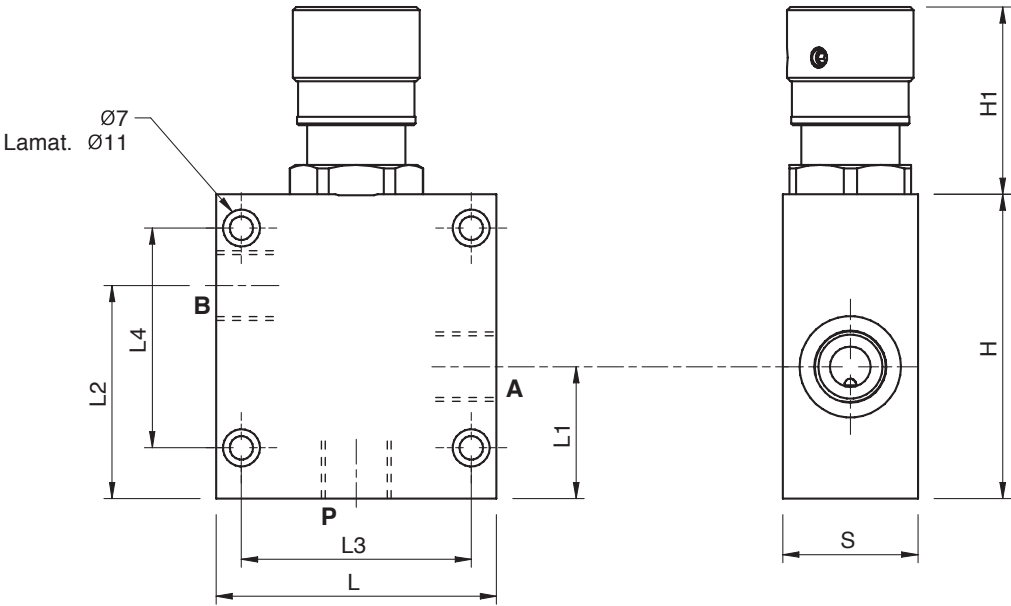
MONTAGGIO:
Collegare E all'alimentazione e P all'attuatore o alla linea di un impianto idraulico in cui si necessita la regolazione della portata. Collegare B al serbatoio o ad un secondo attuatore. Per regolare la portata in entrata al ramo P avvitare o svitare il volantino previo allentamento della ghiera di fermo.

USE AND OPERATION:
This valve enables to keep the flow to constant on port A irrespective of the pressure variations. The excessive flow rate is discharged to port B and can be used as a secondary working port or return port to tank. When the port B is used as a secondary working port the pressure must not exceed the pressure on port A. The non return valve provides a free flow in the direction from A to P.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding: matched diameters, minimal leakage (few drops per minute).

CONNECTIONS:
Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect B to the tank or to a second actuator. To adjust flow setting rotate the hand knob after loosening the locking nut.

CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW lt./min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW lt./min	PRESSIONE MAX MAX PRESSURE Bar
V1126	RFC-VU 1/2" - FLOW 70 LPM	70	70	350



CODICE CODE	SIGLA TYPE	A-B GAS	P GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1126	RFC-VU 1/2" - FLOW 70 LPM	1/2"	3/4"	83	39	63	68	65	90	56	40	2,18